

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078858.D
 Acq On : 01 May 2024 12:44
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 07:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	132353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27211	18.523	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.040%#		
35) Dibromofluoromethane	7.804	113	29796	18.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.940%#		
50) Toluene-d8	10.269	98	112491	18.172	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	36.340%#		
62) 4-Bromofluorobenzene	12.575	95	32392	18.283	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	32120	21.468	ug/l	95
3) Chloromethane	2.146	50	43281	19.464	ug/l	99
4) Vinyl Chloride	2.281	62	64682	20.038	ug/l	91
5) Bromomethane	2.681	94	61706	19.158	ug/l	97
6) Chloroethane	2.834	64	52739	19.833	ug/l	97
7) Trichlorofluoromethane	3.175	101	53552	20.385	ug/l	100
8) Diethyl Ether	3.593	74	13572	18.947	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	30988	19.634	ug/l	96
10) Methyl Iodide	4.163	142	28431	16.382	ug/l	93
11) Tert butyl alcohol	5.052	59	7186	106.787	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	30252	19.332	ug/l	93
13) Acrolein	3.793	56	11788	90.699	ug/l	98
14) Allyl chloride	4.563	41	29949	19.065	ug/l	99
15) Acrylonitrile	5.252	53	27516	96.498	ug/l	95
16) Acetone	4.028	43	19584	89.397	ug/l	97
17) Carbon Disulfide	4.275	76	100880	19.494	ug/l	100
18) Methyl Acetate	4.563	43	10965	20.191	ug/l	99
19) Methyl tert-butyl Ether	5.328	73	55324	18.681	ug/l	96
20) Methylene Chloride	4.805	84	38106	17.459	ug/l #	96
21) trans-1,2-Dichloroethene	5.316	96	32677	18.622	ug/l	90
22) Diisopropyl ether	6.210	45	68097	19.604	ug/l	96
23) Vinyl Acetate	6.152	43	197970	94.537	ug/l	99
24) 1,1-Dichloroethane	6.110	63	52485	18.768	ug/l	97
25) 2-Butanone	7.081	43	28734	93.528	ug/l	100
26) 2,2-Dichloropropane	7.069	77	44224	18.742	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	36539	18.230	ug/l	97
28) Bromochloromethane	7.422	49	19970	18.980	ug/l	99
29) Tetrahydrofuran	7.446	42	16914	94.087	ug/l	94
30) Chloroform	7.599	83	60121	19.265	ug/l	99
31) Cyclohexane	7.881	56	42580	19.523	ug/l #	95
32) 1,1,1-Trichloroethane	7.793	97	50645	19.242	ug/l	97
36) 1,1-Dichloropropene	8.010	75	41042	19.781	ug/l	99
37) Ethyl Acetate	7.169	43	14147	20.615	ug/l #	72
38) Carbon Tetrachloride	7.993	117	47769	20.001	ug/l	89
39) Methylcyclohexane	9.275	83	49370	19.312	ug/l	94
40) Benzene	8.251	78	127413	18.752	ug/l	94

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 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 07:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6604	19.487	ug/l	95
42) 1,2-Dichloroethane	8.328	62	31382	19.564	ug/l	99
43) Isopropyl Acetate	8.363	43	23725	18.900	ug/l	98
44) Trichloroethene	9.034	130	33530	19.590	ug/l	73
45) 1,2-Dichloropropane	9.310	63	28342	19.020	ug/l	93
46) Dibromomethane	9.393	93	18739	19.753	ug/l	94
47) Bromodichloromethane	9.587	83	43656	18.585	ug/l	95
48) Methyl methacrylate	9.387	41	11306	19.215	ug/l	95
49) 1,4-Dioxane	9.387	88	3483	402.333	ug/l #	94
51) 4-Methyl-2-Pentanone	10.163	43	64511	95.971	ug/l	99
52) Toluene	10.334	92	79688	18.672	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	36838	18.703	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	43436	18.258	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	23696	19.258	ug/l	96
56) Ethyl methacrylate	10.598	69	23585	18.655	ug/l	98
57) 1,3-Dichloropropane	10.881	76	36746	18.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	58339	105.675	ug/l	99
59) 2-Hexanone	10.922	43	44561	93.626	ug/l	100
60) Dibromochloromethane	11.075	129	32602	19.548	ug/l	93
61) 1,2-Dibromoethane	11.181	107	21159	18.542	ug/l	95
64) Tetrachloroethene	10.810	164	26686	18.950	ug/l	94
65) Chlorobenzene	11.610	112	91852	19.385	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	30627	18.484	ug/l	98
67) Ethyl Benzene	11.687	91	143120	18.466	ug/l	94
68) m/p-Xylenes	11.792	106	119293	38.015	ug/l	99
69) o-Xylene	12.122	106	52001	18.125	ug/l	95
70) Styrene	12.134	104	95410	18.913	ug/l	99
71) Bromoform	12.298	173	16701	18.616	ug/l #	98
73) Isopropylbenzene	12.422	105	137130	18.547	ug/l	98
74) N-amyl acetate	12.228	43	23402	19.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	26751	19.311	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	20352m	22.283	ug/l	
77) Bromobenzene	12.698	156	34807	18.324	ug/l	98
78) n-propylbenzene	12.763	91	167774	18.724	ug/l	99
79) 2-Chlorotoluene	12.851	91	93567	18.709	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	114100	18.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8834	18.915	ug/l	97
82) 4-Chlorotoluene	12.945	91	100195	18.787	ug/l	98
83) tert-Butylbenzene	13.163	119	98093	18.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	117111	18.635	ug/l	99
85) sec-Butylbenzene	13.345	105	149363	18.612	ug/l	98
86) p-Isopropyltoluene	13.457	119	125739	18.080	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72000	18.099	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	73665	18.706	ug/l	99
89) n-Butylbenzene	13.786	91	113066	18.236	ug/l	98
90) Hexachloroethane	14.051	117	27174	18.264	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	63300	18.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3488	18.495	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	32677	17.277	ug/l	99
94) Hexachlorobutadiene	15.204	225	18701	19.301	ug/l	95
95) Naphthalene	15.328	128	58465	17.157	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	28282	16.879	ug/l	93

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ClientSampleId :
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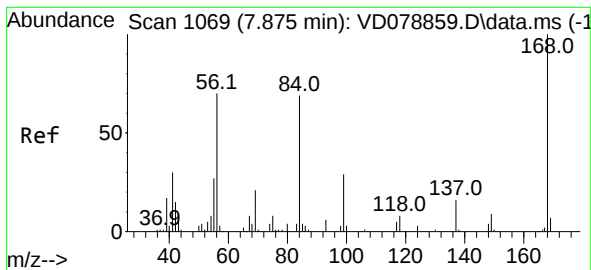
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 07:38:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:30:30 2024
Response via : Initial Calibration

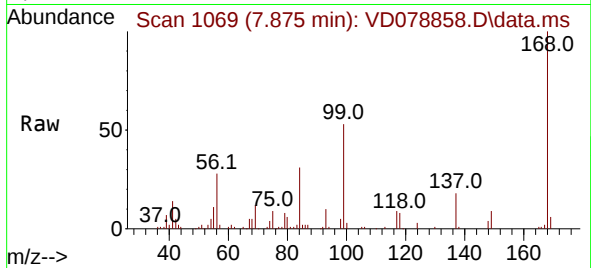
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

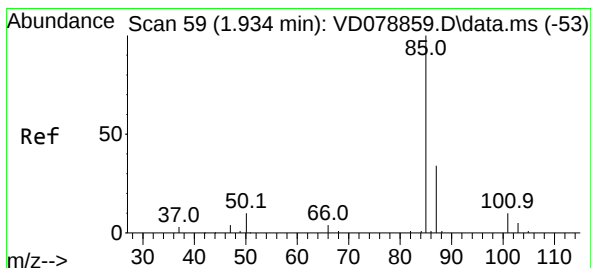
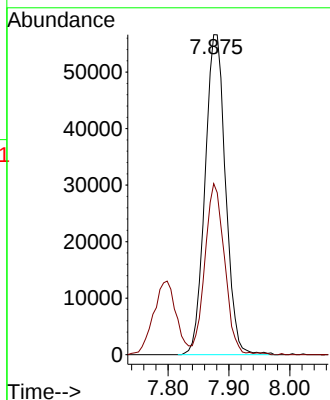
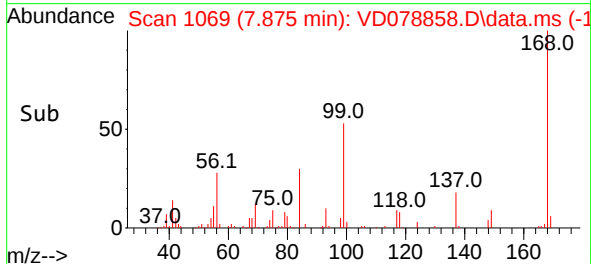
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 13235
Ion Ratio Lower Upper
168 100
99 53.5 38.8 58.2

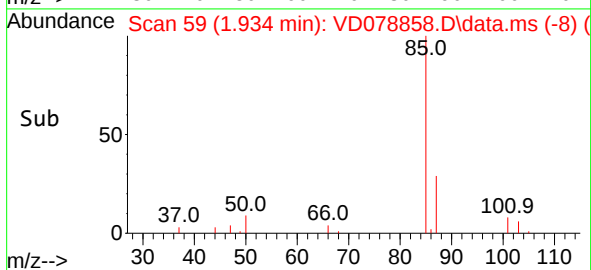
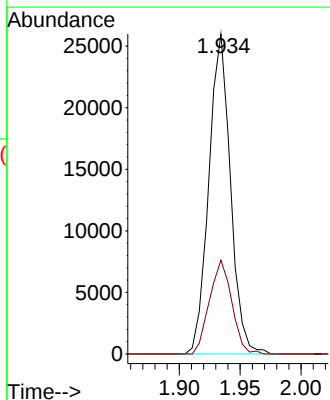
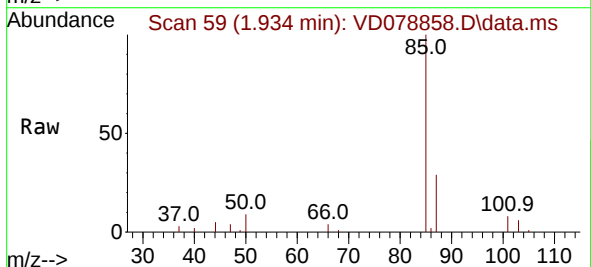
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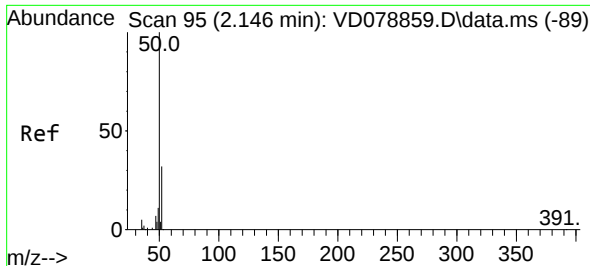
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#2
Dichlorodifluoromethane
Concen: 21.468 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

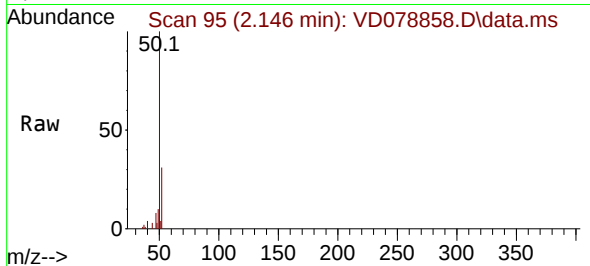
Tgt Ion: 85 Resp: 32120
Ion Ratio Lower Upper
85 100
87 29.3 16.2 48.5





#3
Chloromethane
Concen: 19.464 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

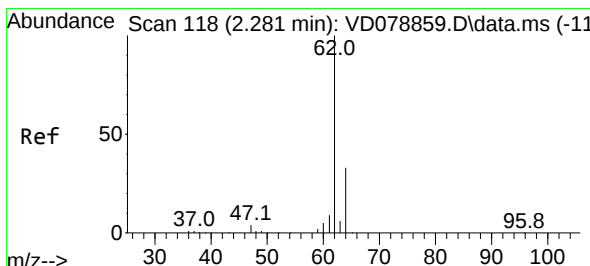
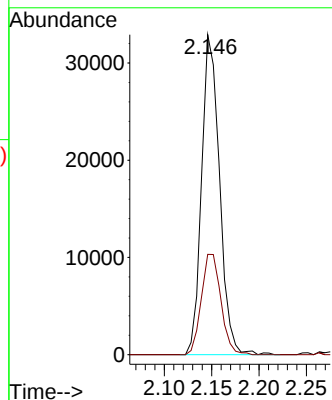
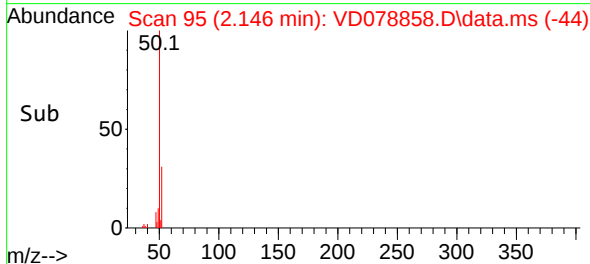
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 4328
Ion Ratio Lower Upper
50 100
52 31.3 25.6 38.4

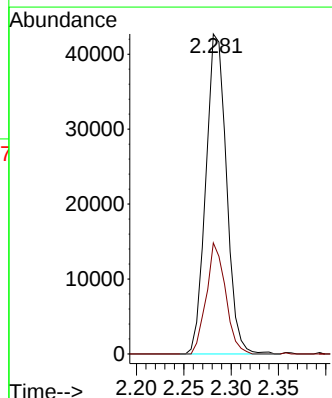
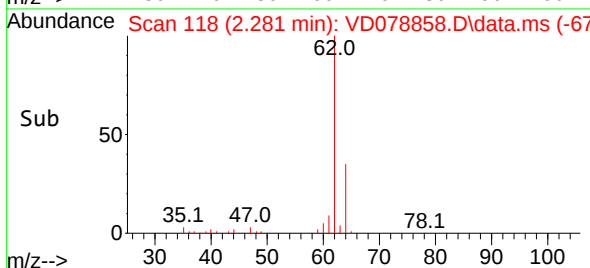
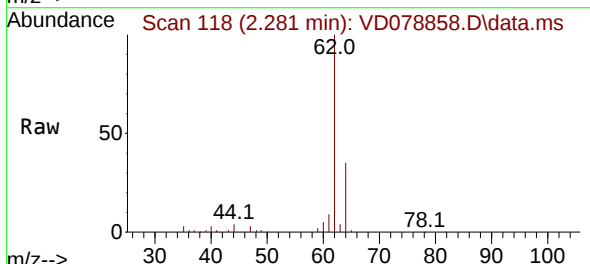
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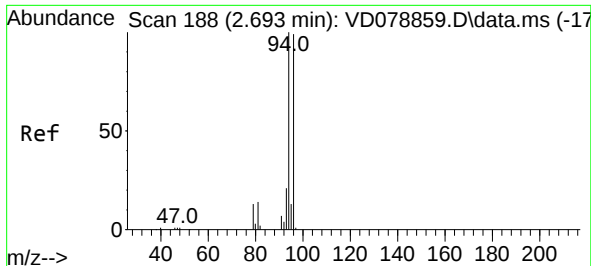
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#4
Vinyl Chloride
Concen: 20.038 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 62 Resp: 64682
Ion Ratio Lower Upper
62 100
64 34.7 23.7 35.5





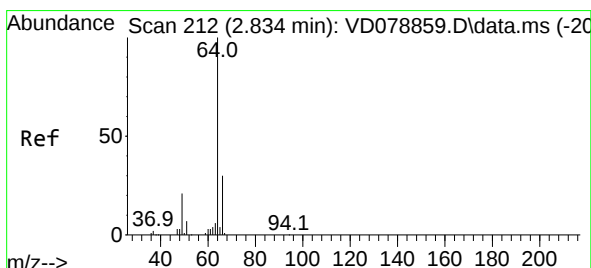
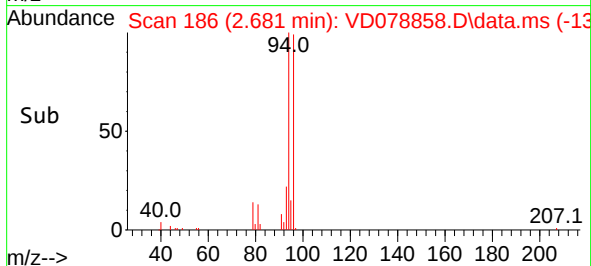
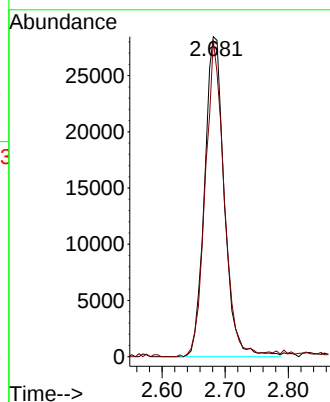
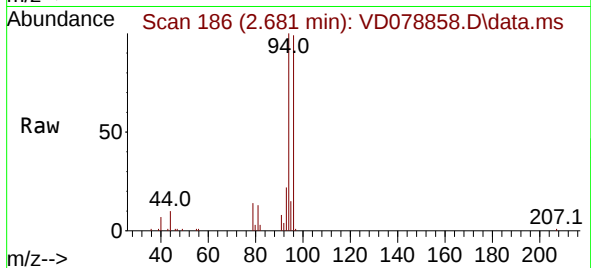
#5
Bromomethane
Concen: 19.158 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 61700
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3

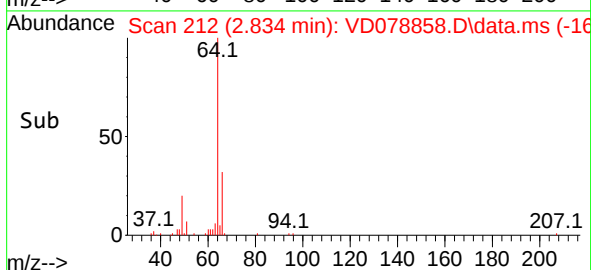
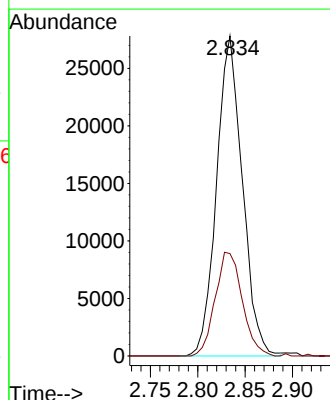
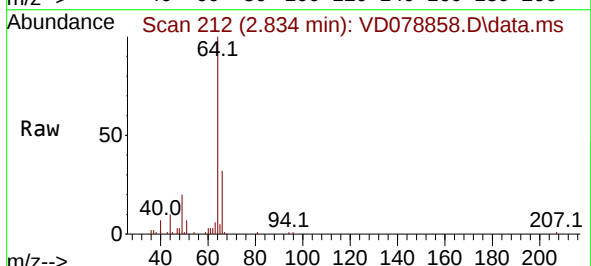
Manual Integrations
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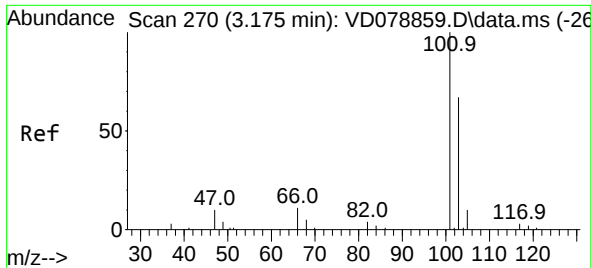
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#6
Chloroethane
Concen: 19.833 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

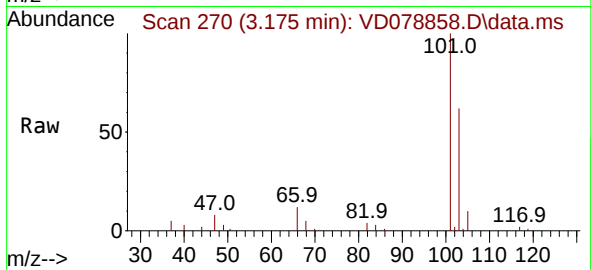
Tgt Ion: 64 Resp: 52739
Ion Ratio Lower Upper
64 100
66 32.0 26.8 40.2





#7
Trichlorofluoromethane
Concen: 20.385 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

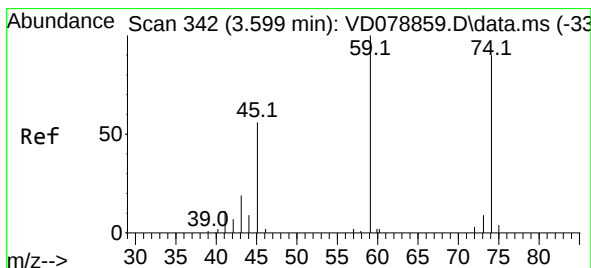
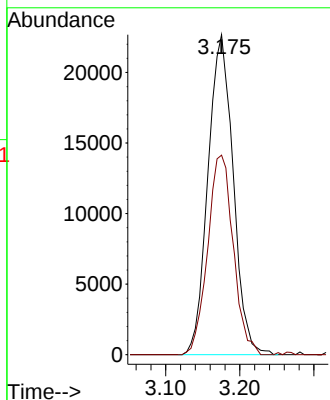
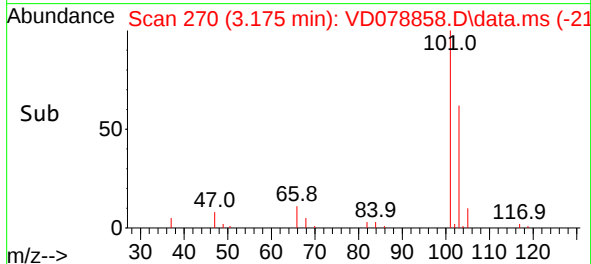
Instrument :
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VSTDICC020



Tgt Ion:101 Resp: 5355
Ion Ratio Lower Upper
101 100
103 62.4 49.7 74.5

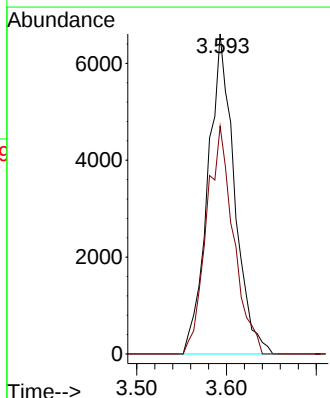
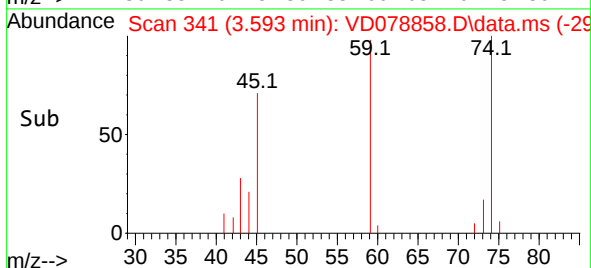
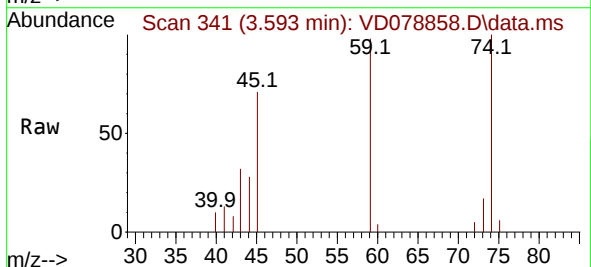
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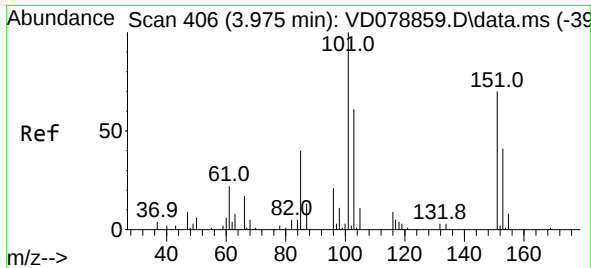
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#8
Diethyl Ether
Concen: 18.947 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 74 Resp: 13572
Ion Ratio Lower Upper
74 100
45 72.7 42.4 127.3





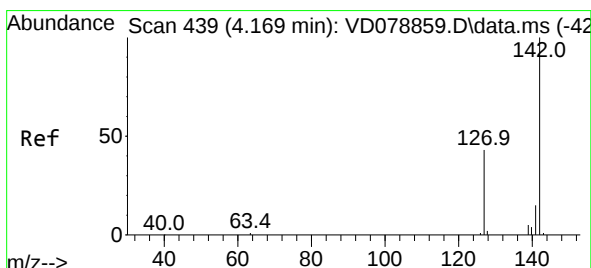
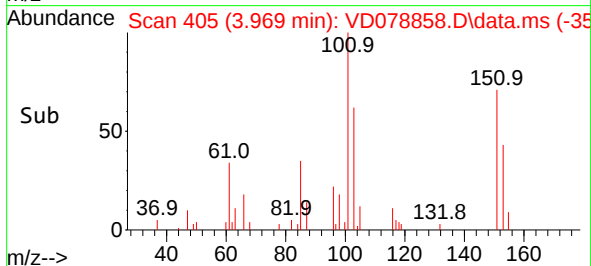
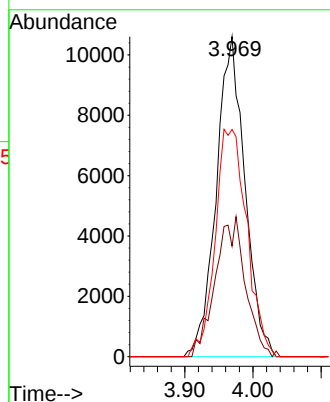
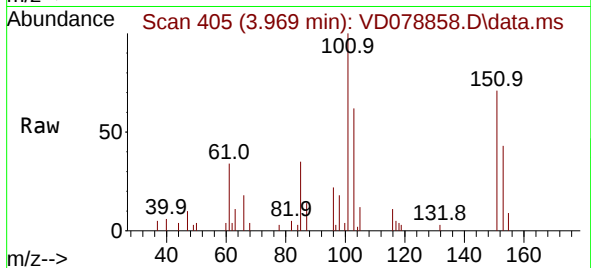
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.634 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3098
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 78.5 59.4 89.2

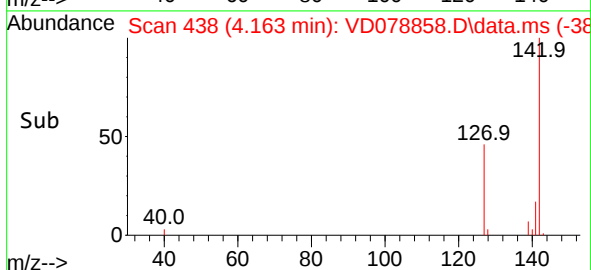
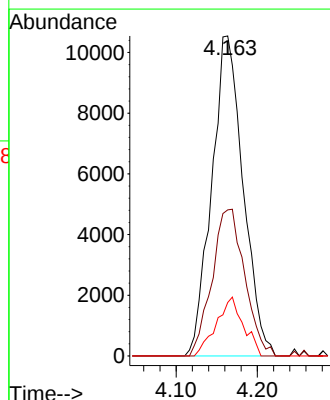
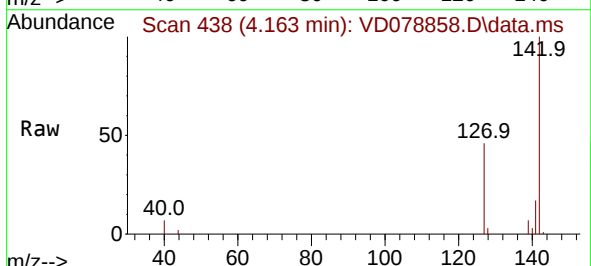
Manual Integrations
APPROVED

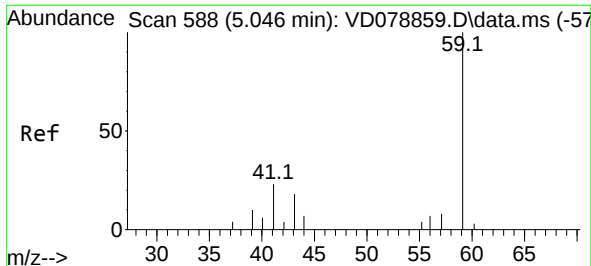
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#10
Methyl Iodide
Concen: 16.382 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:142 Resp: 28431
Ion Ratio Lower Upper
142 100
127 47.6 33.5 50.3
141 15.8 11.7 17.5





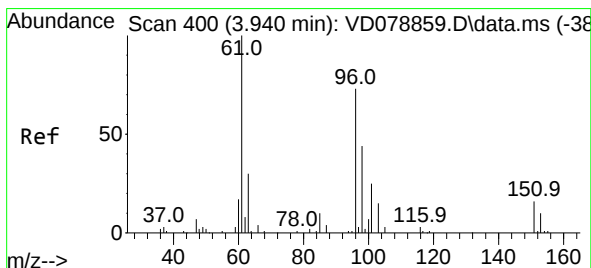
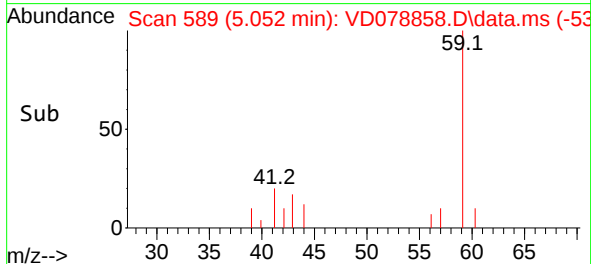
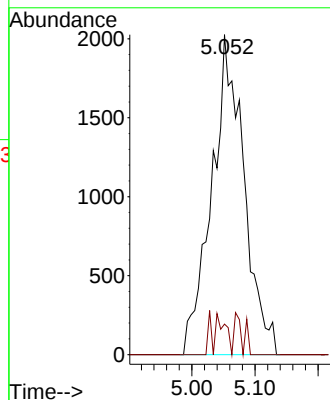
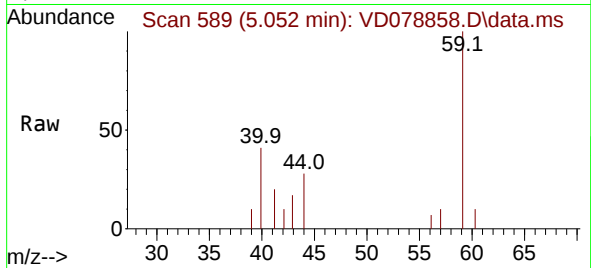
#11
Tert butyl alcohol
Concen: 106.787 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 7180
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.0

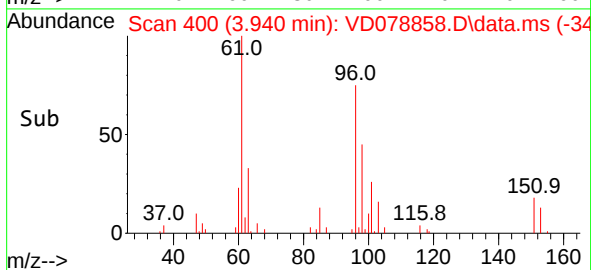
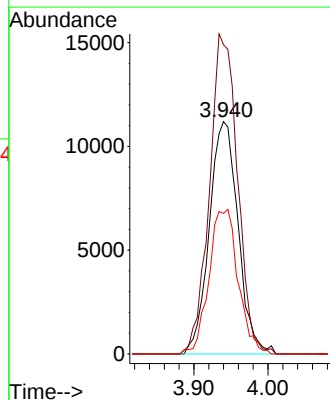
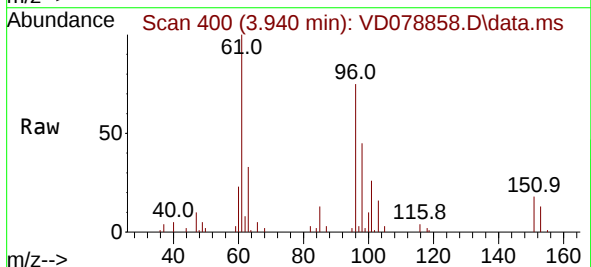
Manual Integrations
APPROVED

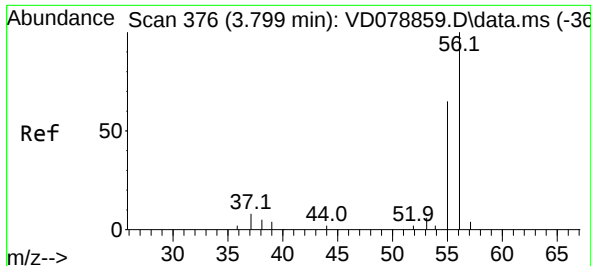
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#12
1,1-Dichloroethene
Concen: 19.332 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 96 Resp: 30252
Ion Ratio Lower Upper
96 100
61 133.1 101.4 152.0
98 60.5 43.4 65.0





#13

Acrolein

Concen: 90.699 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1178

Ion Ratio Lower Upper

56 100

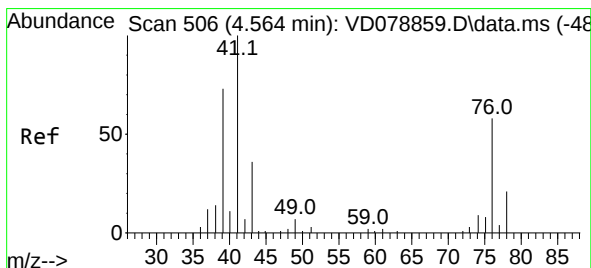
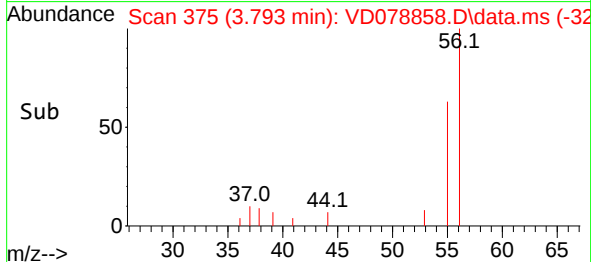
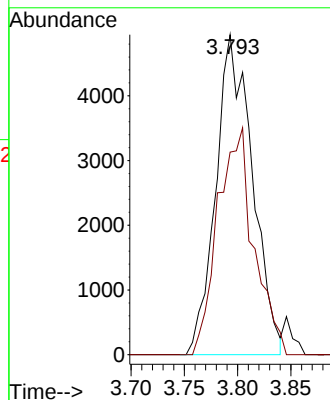
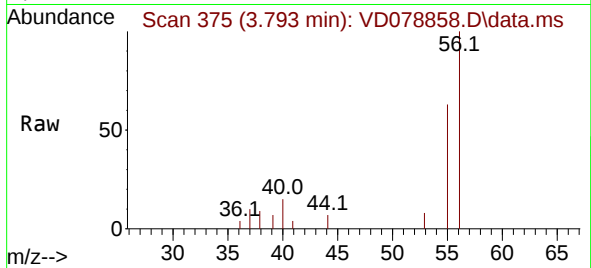
55 69.8 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#14

Allyl chloride

Concen: 19.065 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

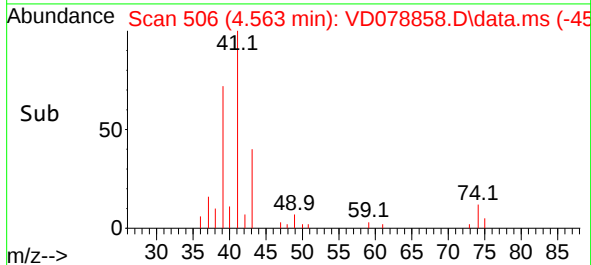
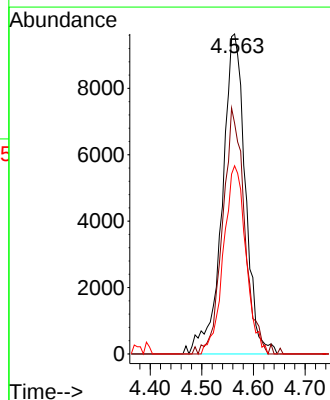
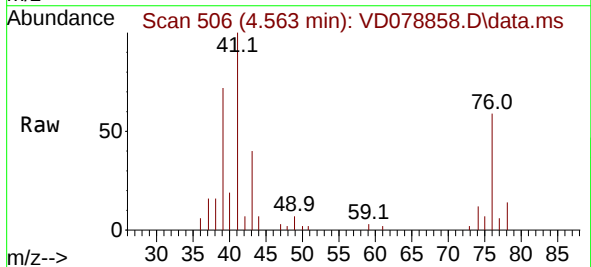
Tgt Ion: 41 Resp: 29949

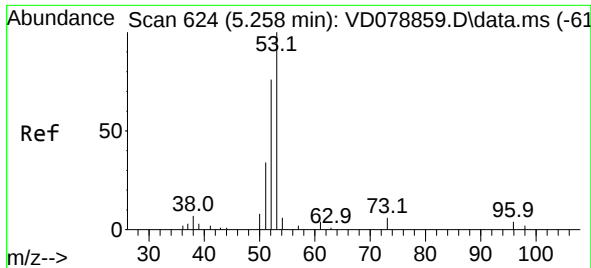
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.6

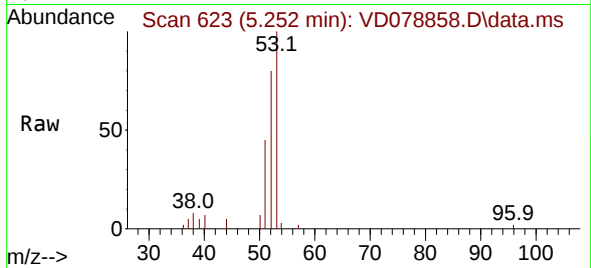
76 56.8 44.8 67.2





#15
Acrylonitrile
Concen: 96.498 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

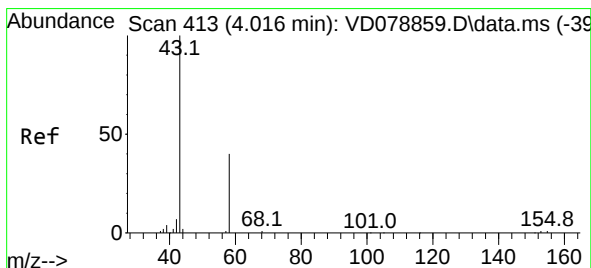
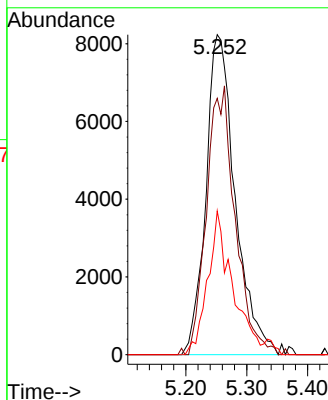
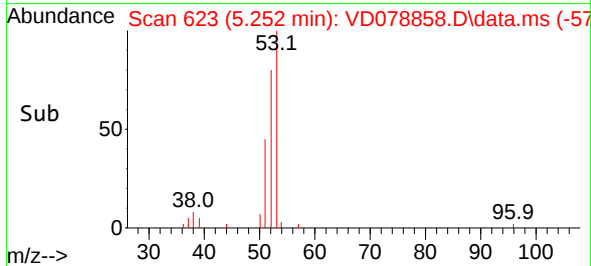
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 27510
Ion Ratio Lower Upper
53 100
52 82.1 61.9 92.9
51 37.9 29.0 43.4

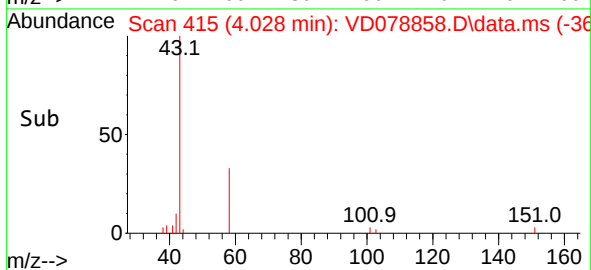
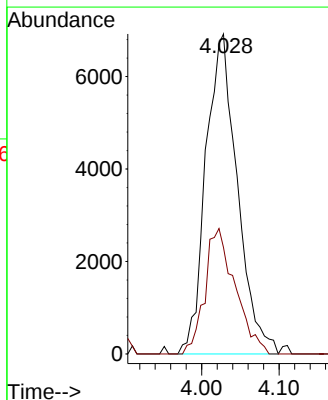
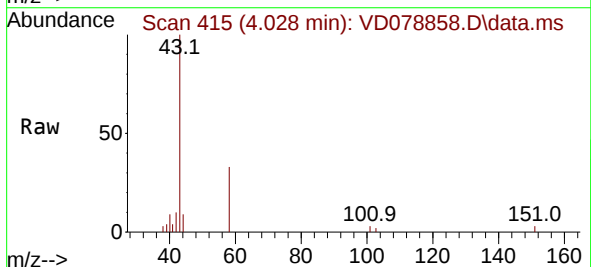
Manual Integrations
APPROVED

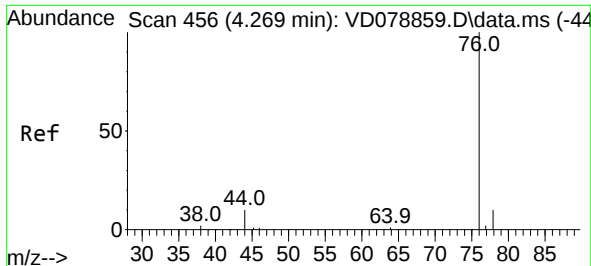
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#16
Acetone
Concen: 89.397 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43 Resp: 19584
Ion Ratio Lower Upper
43 100
58 33.3 28.2 42.4





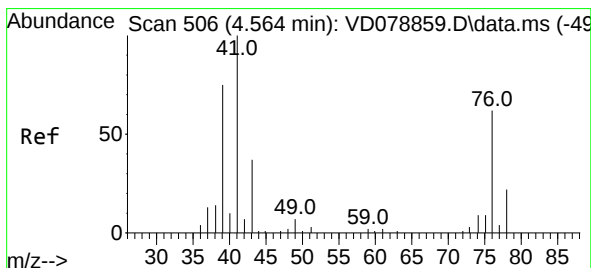
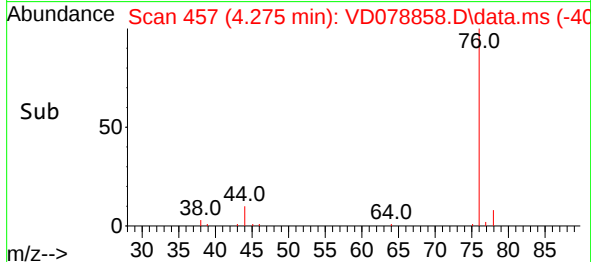
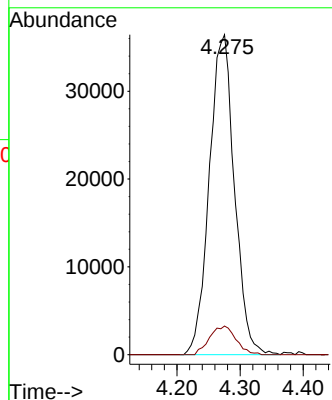
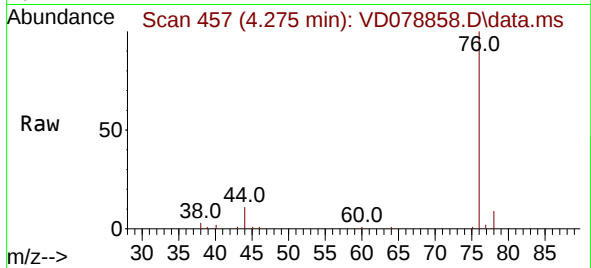
#17
Carbon Disulfide
Concen: 19.494 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 100880
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

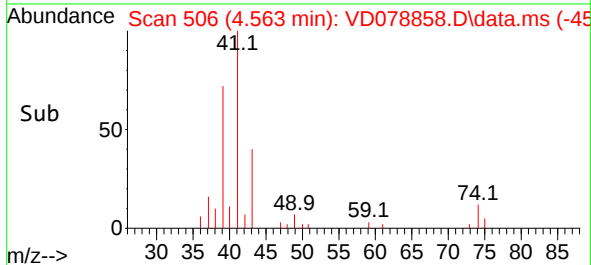
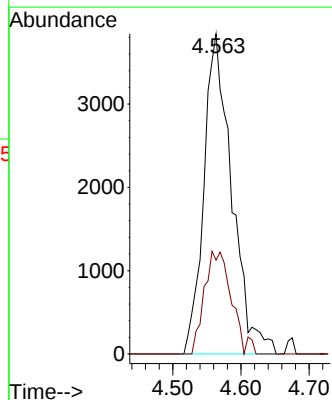
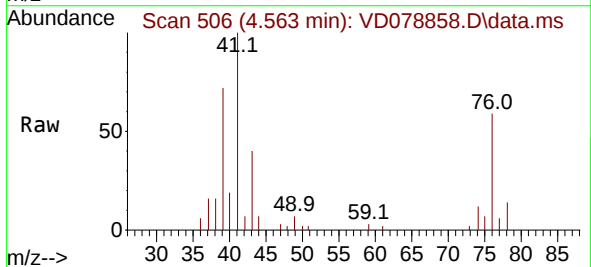
Manual Integrations
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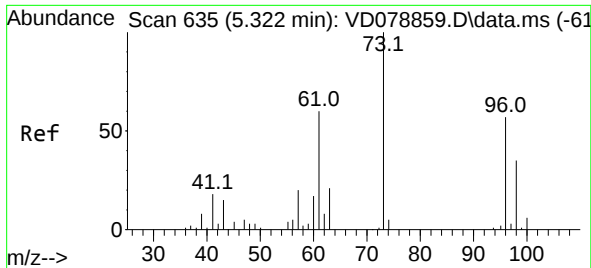
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#18
Methyl Acetate
Concen: 20.191 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43 Resp: 10965
Ion Ratio Lower Upper
43 100
74 31.1 25.3 37.9





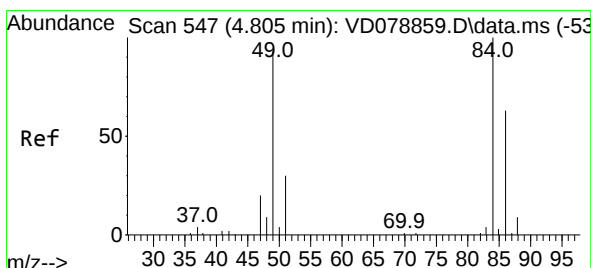
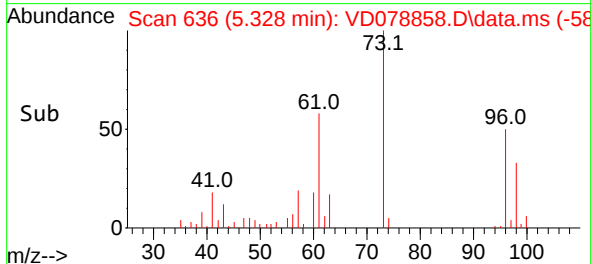
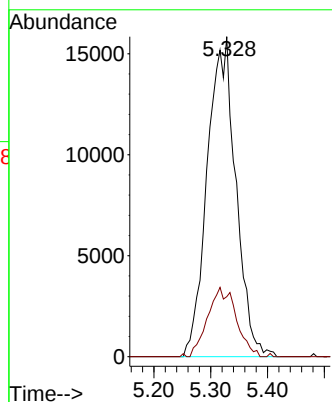
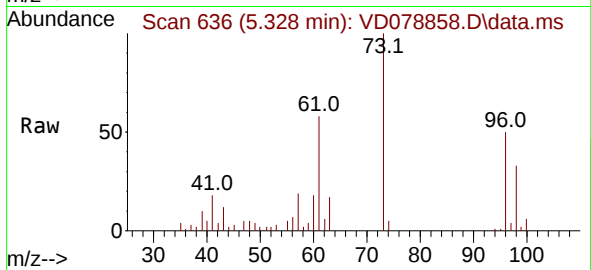
#19
Methyl tert-butyl Ether
Concen: 18.681 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 55324
Ion Ratio Lower Upper
73 100
57 18.8 16.4 24.6

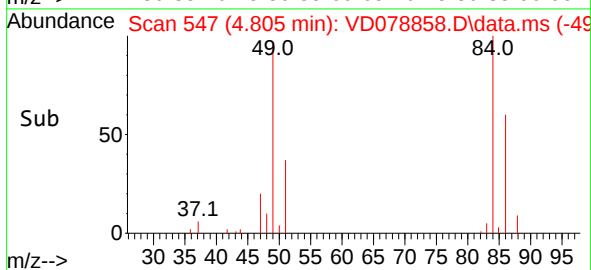
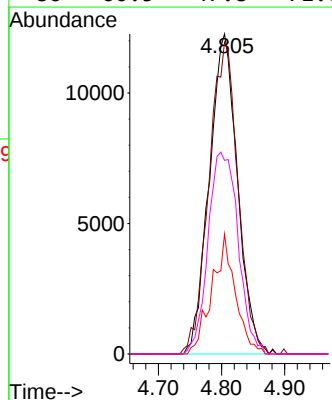
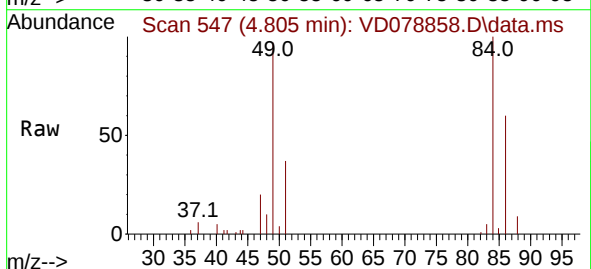
Manual Integrations
APPROVED

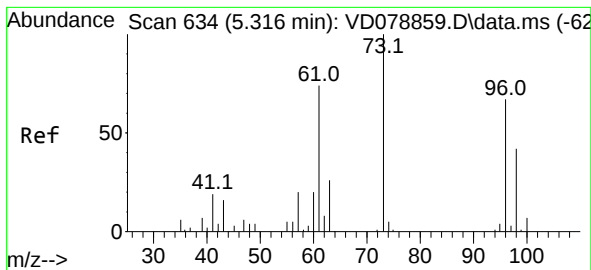
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#20
Methylene Chloride
Concen: 17.459 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 84 Resp: 38106
Ion Ratio Lower Upper
84 100
49 97.5 75.6 113.4
51 37.4 23.4 35.0#
86 60.5 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 18.622 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

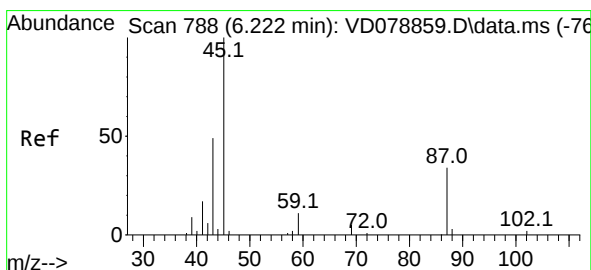
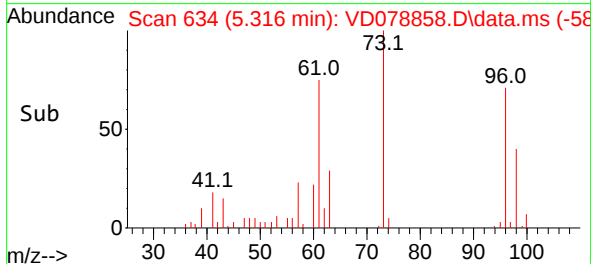
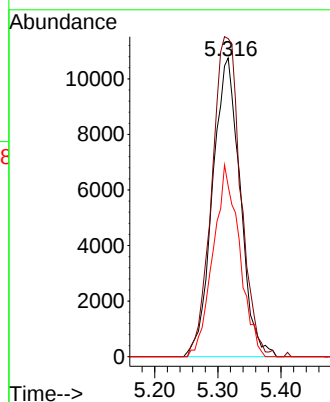
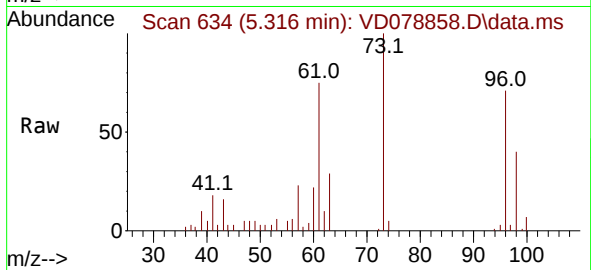
Tgt Ion: 96 Resp: 3267

Ion	Ratio	Lower	Upper
96	100		
61	106.5	96.1	144.1
98	57.1	48.9	73.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#22

Diisopropyl ether

Concen: 19.604 ug/l

RT: 6.210 min Scan# 786

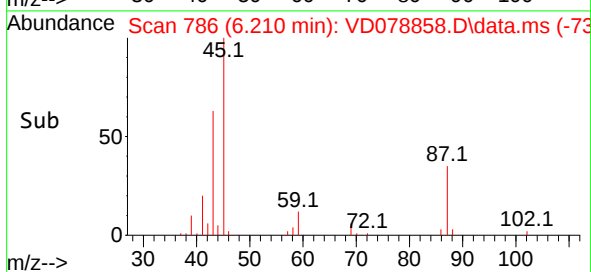
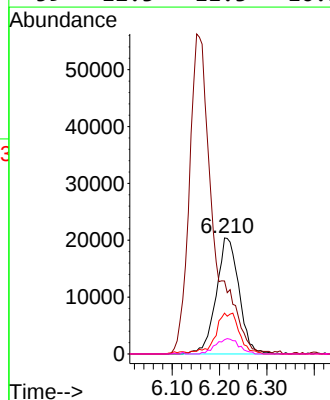
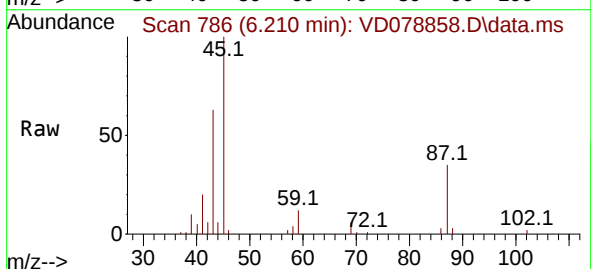
Delta R.T. -0.012 min

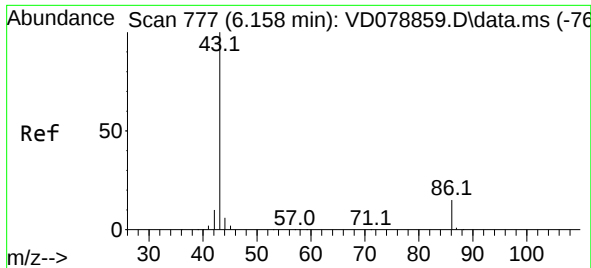
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion: 45 Resp: 68097

Ion	Ratio	Lower	Upper
45	100		
43	60.2	44.3	66.5
87	35.2	28.3	42.5
59	12.3	11.3	16.9





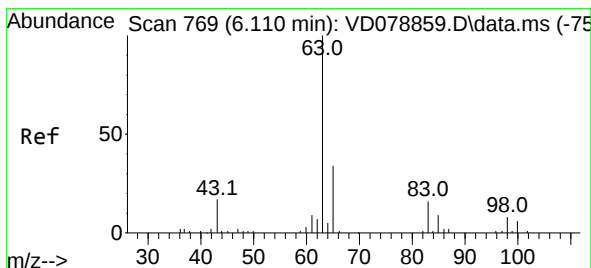
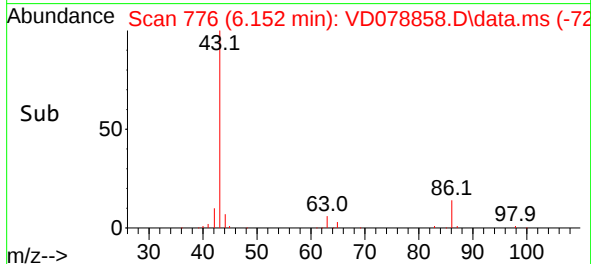
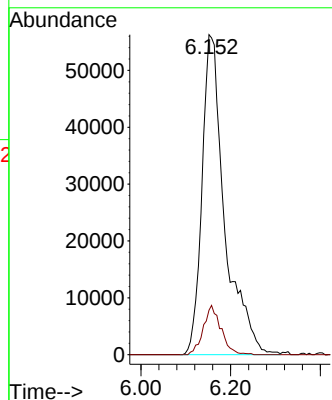
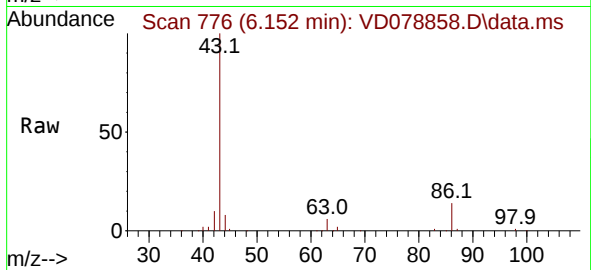
#23
Vinyl Acetate
Concen: 94.537 ug/l
RT: 6.152 min Scan# 776
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 197970
Ion Ratio Lower Upper
43 100
86 13.9 10.7 16.1

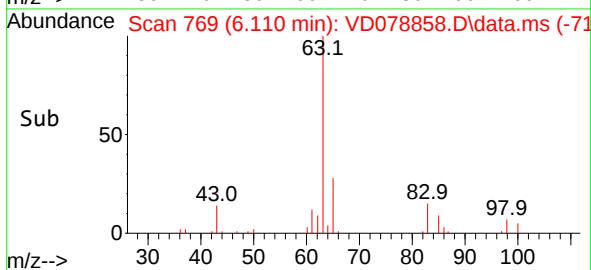
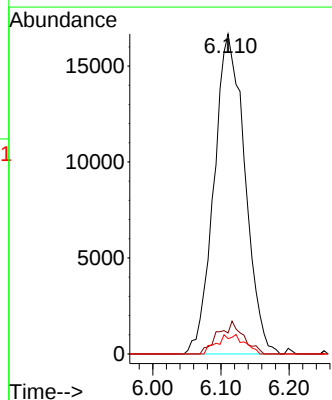
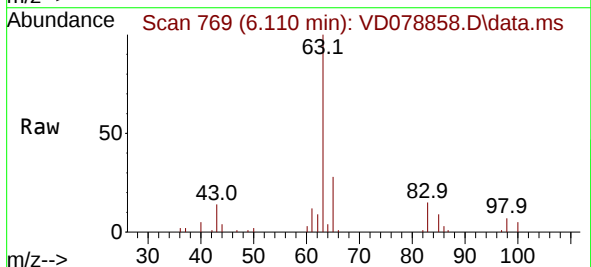
Manual Integrations
APPROVED

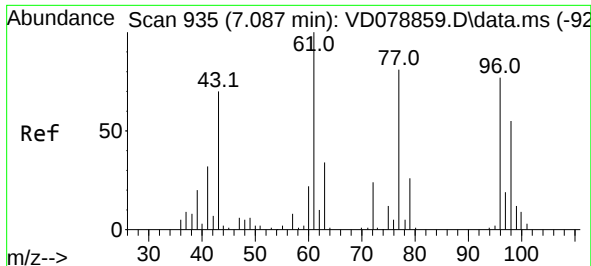
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#24
1,1-Dichloroethane
Concen: 18.768 ug/l
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 63 Resp: 52485
Ion Ratio Lower Upper
63 100
98 6.5 4.0 11.9
100 4.8 2.7 8.1





#25

2-Butanone

Concen: 93.528 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 28734

Ion Ratio Lower Upper

43 100

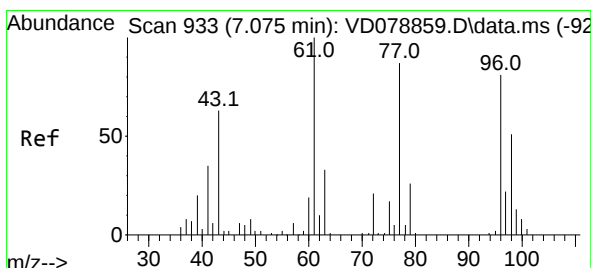
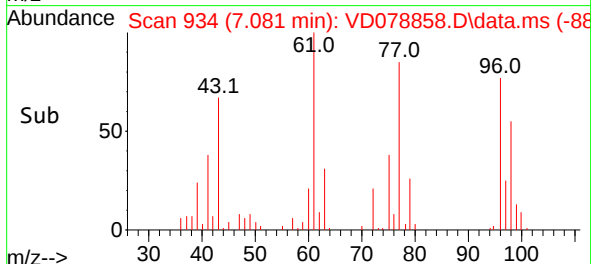
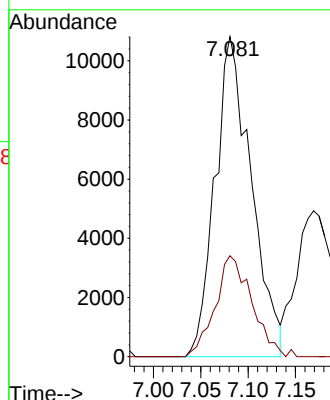
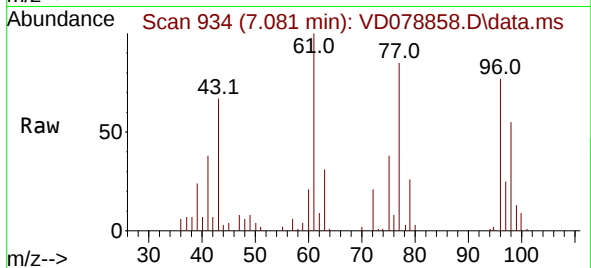
72 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#26

2,2-Dichloropropane

Concen: 18.742 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD078858.D

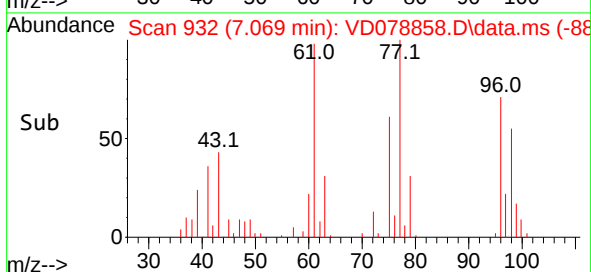
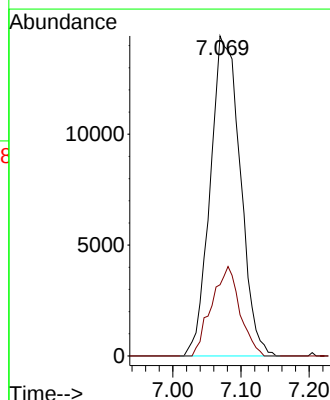
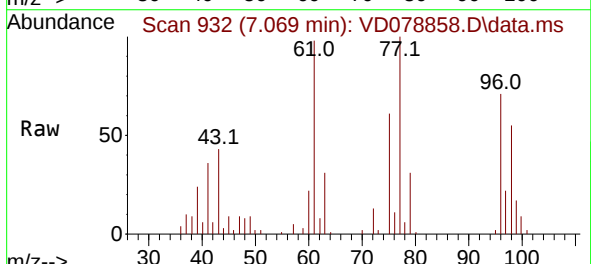
Acq: 01 May 2024 12:44

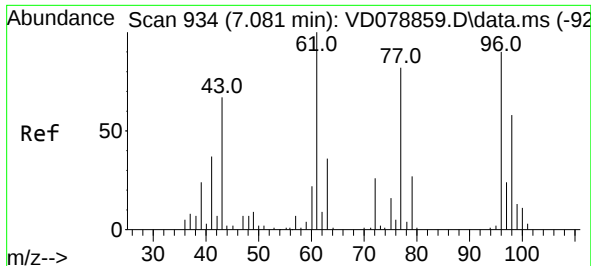
Tgt Ion: 77 Resp: 44224

Ion Ratio Lower Upper

77 100

97 26.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.230 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 3653

Ion Ratio Lower Upper

96 100

61 121.0 0.0 245.0

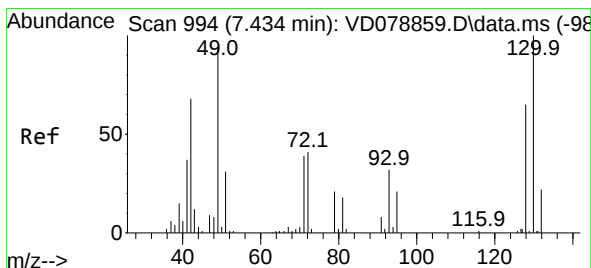
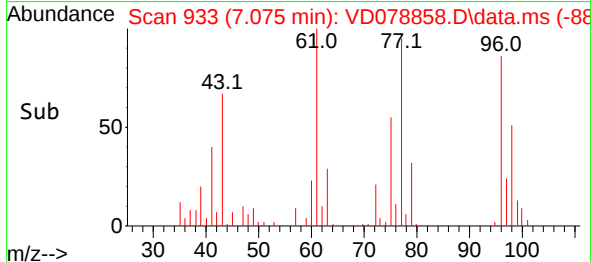
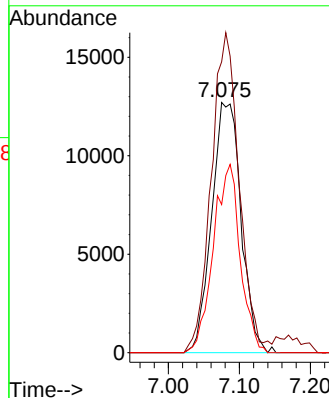
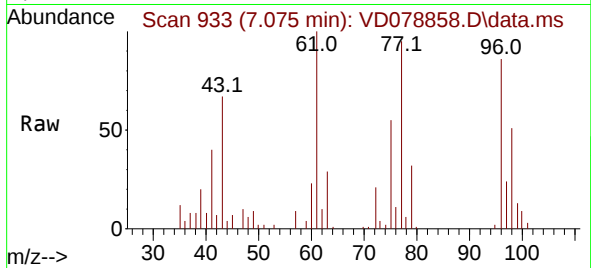
98 68.8 0.0 126.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#28

Bromochloromethane

Concen: 18.980 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

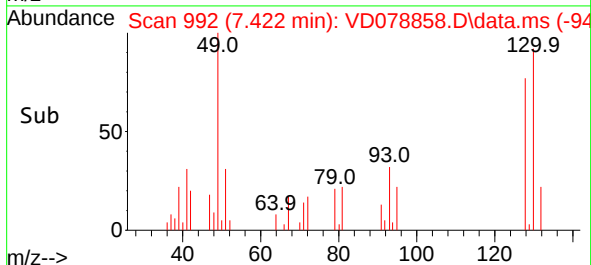
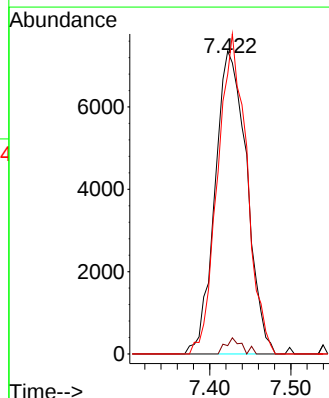
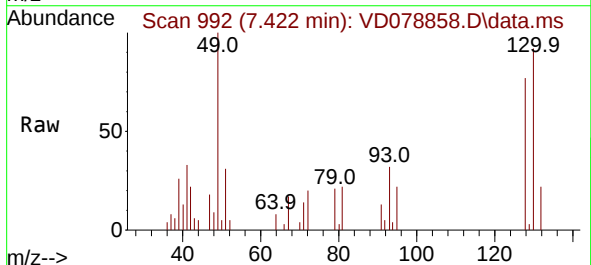
Tgt Ion: 49 Resp: 19970

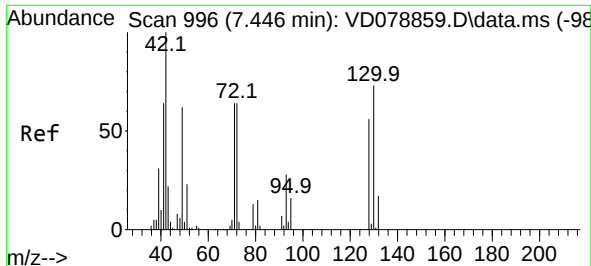
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.2

130 97.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 94.087 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

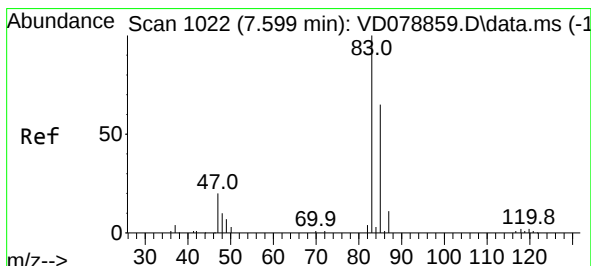
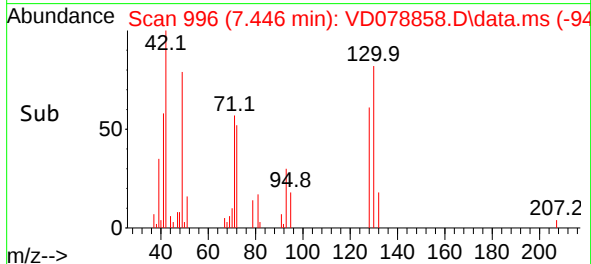
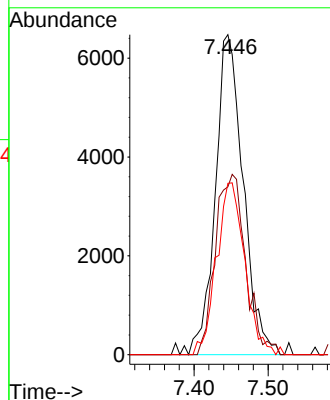
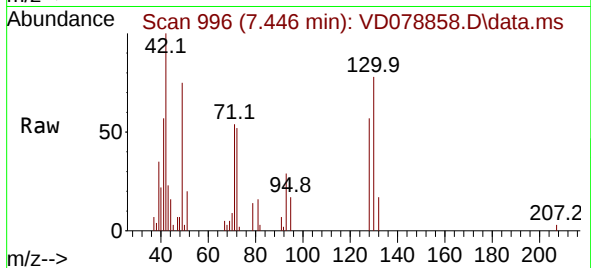
VSTDICC020

Tgt Ion:	42	Resp:	16914
Ion Ratio	Lower	Upper	
42	100		
72	61.1	43.8	65.6
71	54.7	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#30

Chloroform

Concen: 19.265 ug/l

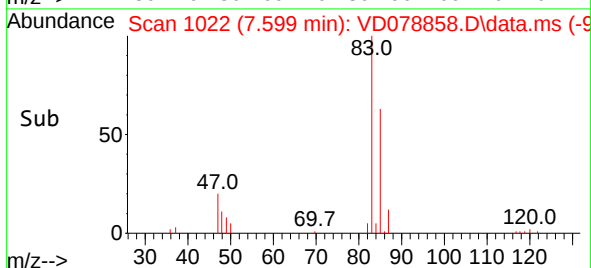
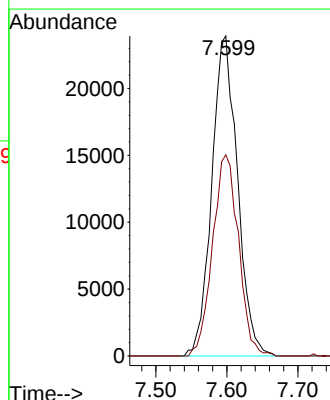
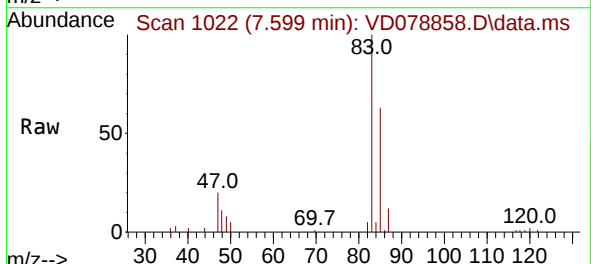
RT: 7.599 min Scan# 1022

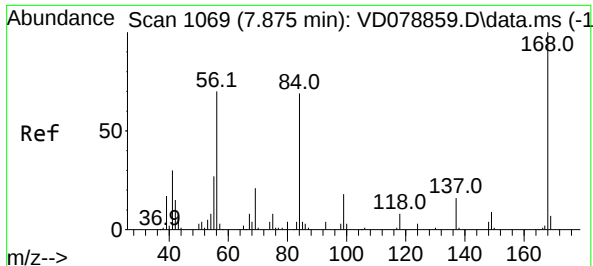
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

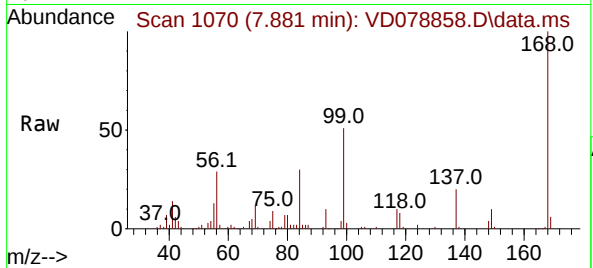
Tgt Ion:	83	Resp:	60121
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.2	76.8





#31
Cyclohexane
Concen: 19.523 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

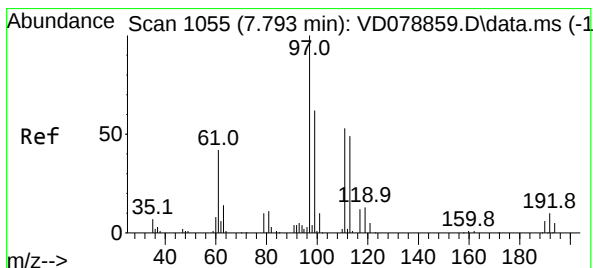
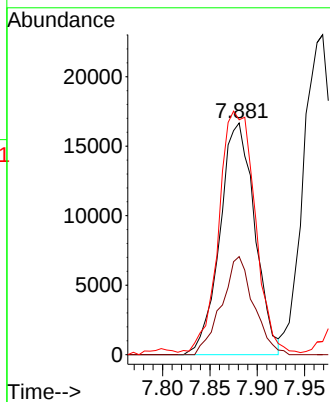
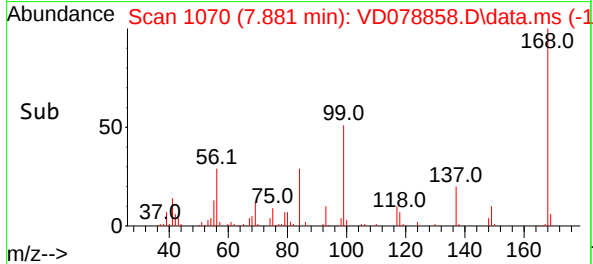
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 42580
Ion Ratio Lower Upper
56 100
69 42.3 26.6 40.0
84 100.3 79.4 119.2

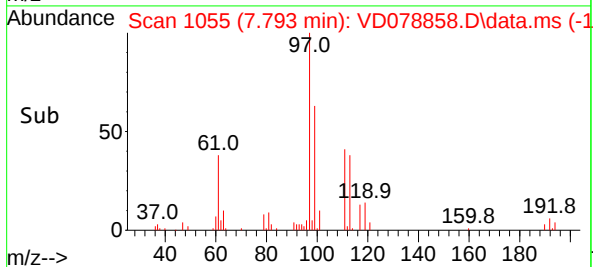
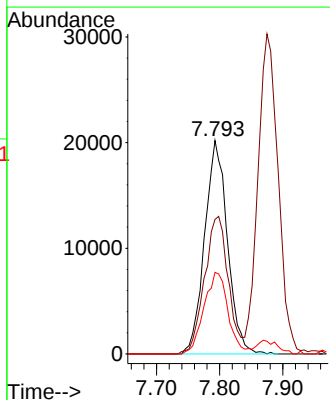
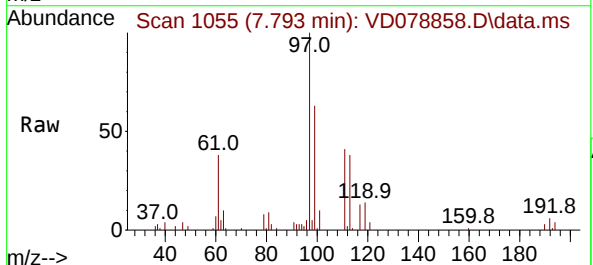
Manual Integrations
APPROVED

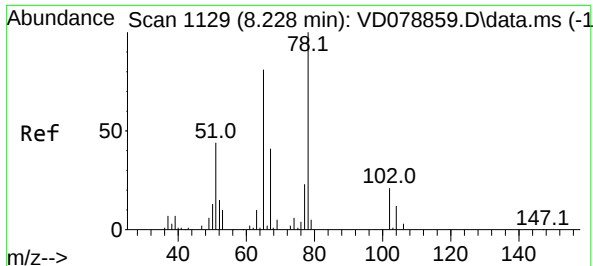
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#32
1,1,1-Trichloroethane
Concen: 19.242 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 97 Resp: 50645
Ion Ratio Lower Upper
97 100
99 66.7 50.8 76.2
61 40.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 18.523 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2721

Ion Ratio Lower Upper

65 100

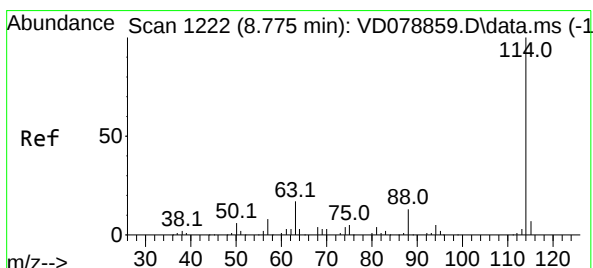
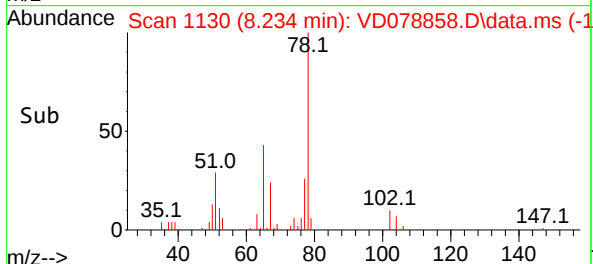
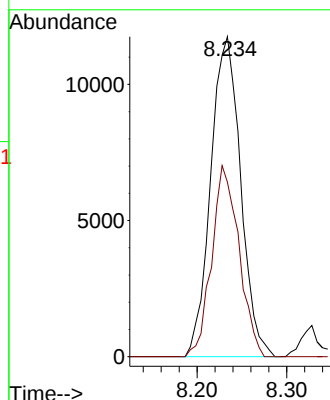
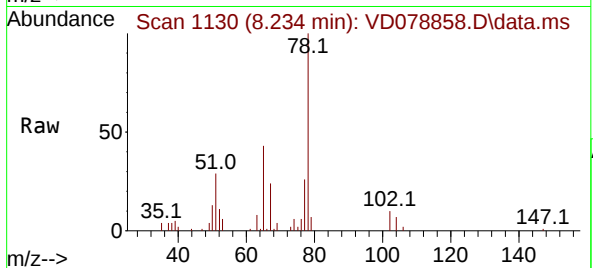
67 54.3 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

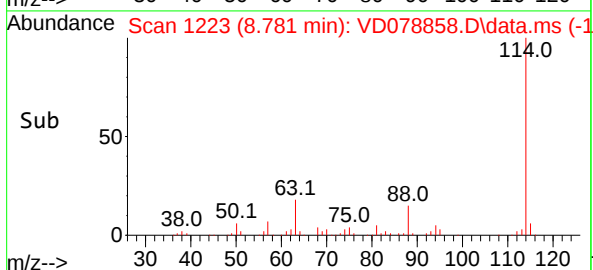
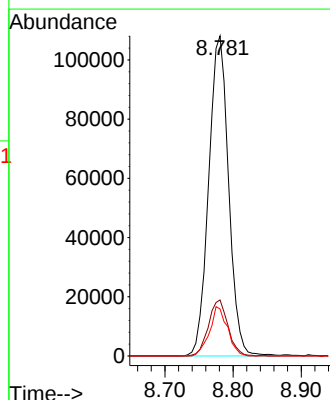
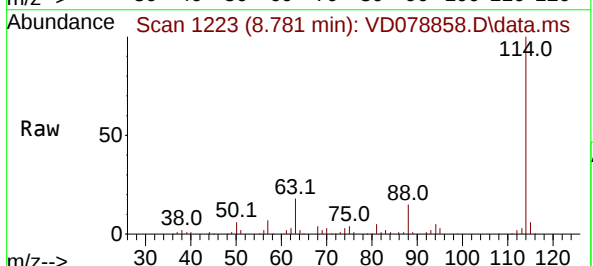
Tgt Ion:114 Resp: 219692

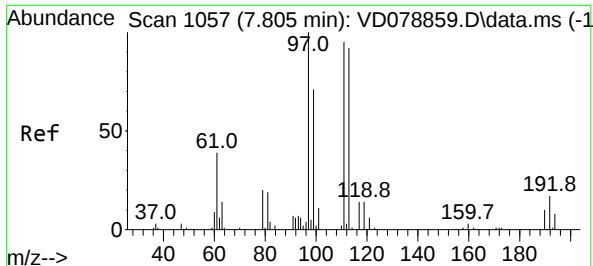
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 14.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 18.472 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

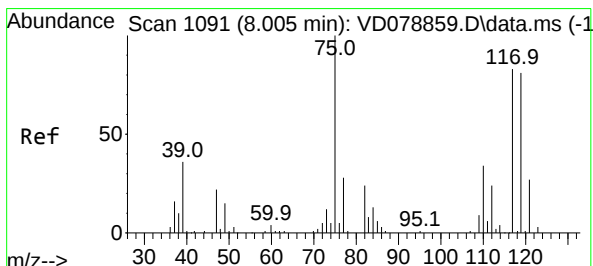
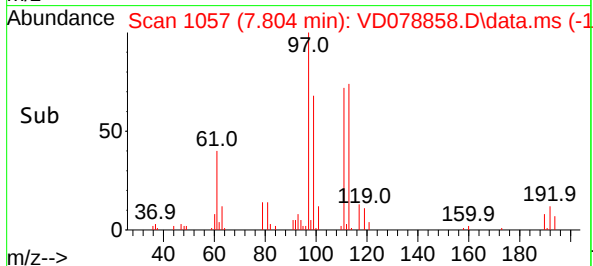
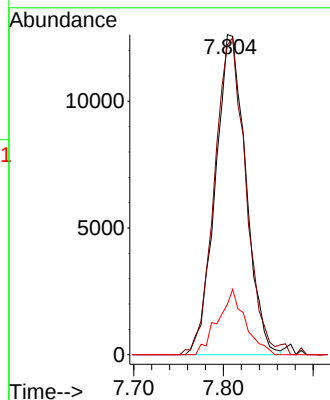
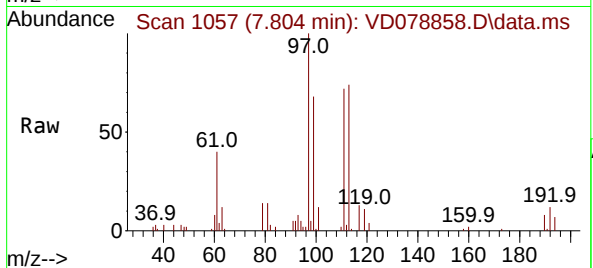
VSTDIC020

Tgt Ion:	113	Resp:	29790
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	18.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#36

1,1-Dichloropropene

Concen: 19.781 ug/l

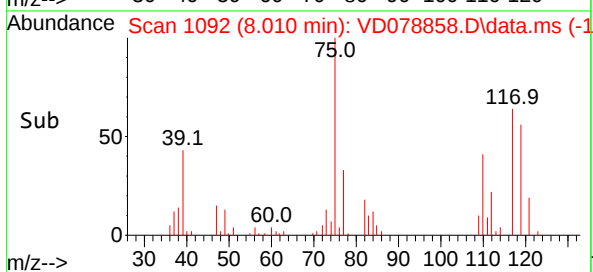
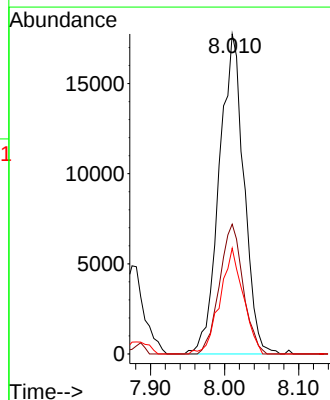
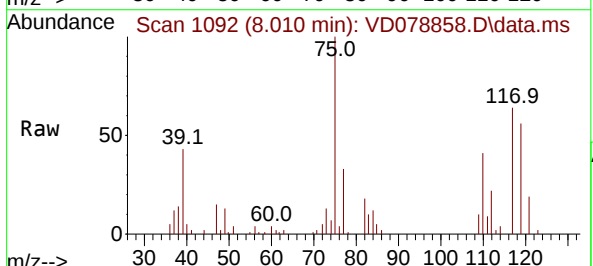
RT: 8.010 min Scan# 1092

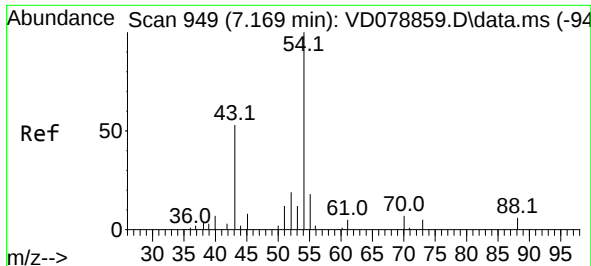
Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	75	Resp:	41042
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.1	57.1
77	31.2	25.4	38.2





#37

Ethyl Acetate

Concen: 20.615 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

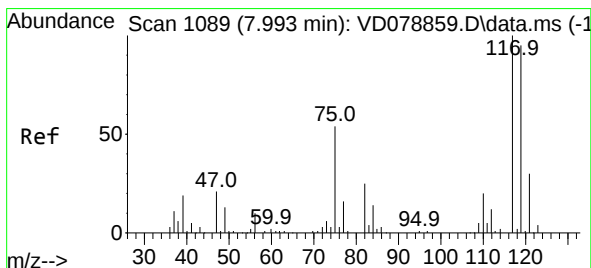
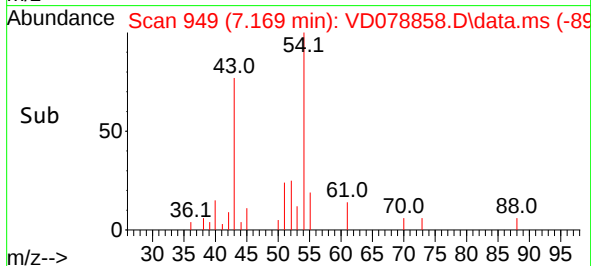
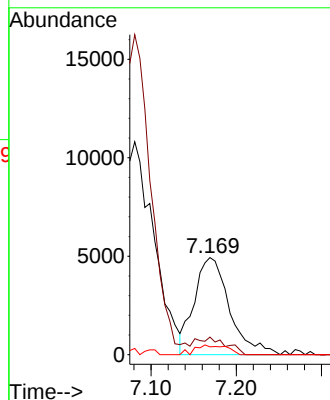
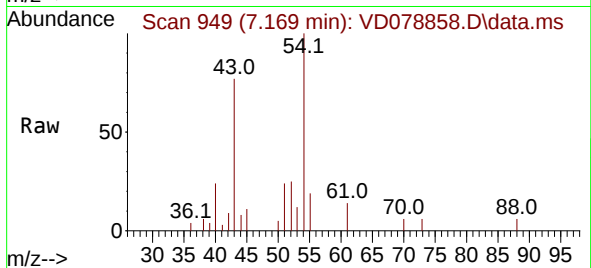
Tgt Ion: 43 Resp: 1414

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.6	21.8
70	8.9	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#38

Carbon Tetrachloride

Concen: 20.001 ug/l

RT: 7.993 min Scan# 1089

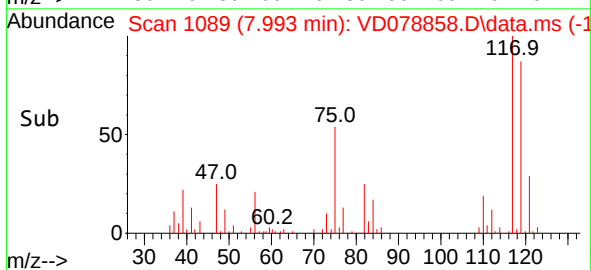
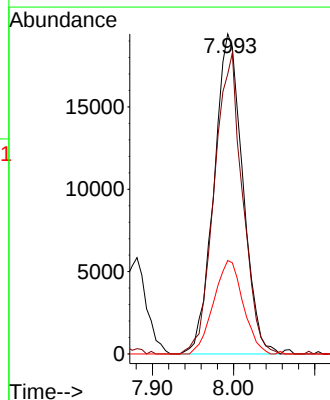
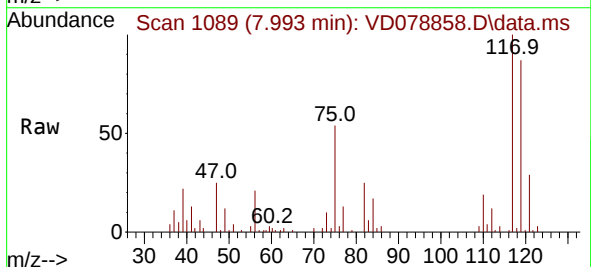
Delta R.T. -0.000 min

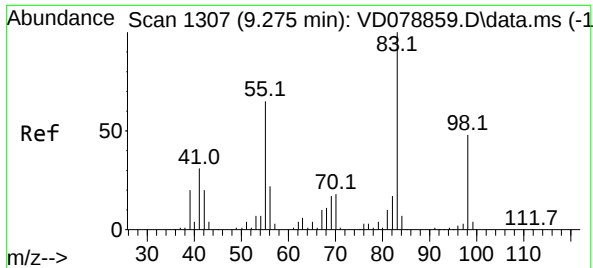
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion: 117 Resp: 47769

Ion	Ratio	Lower	Upper
117	100		
119	87.4	79.2	118.8
121	29.2	26.8	40.2





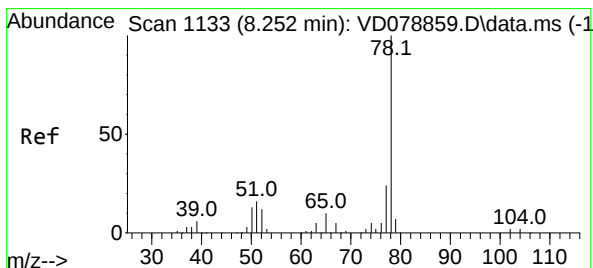
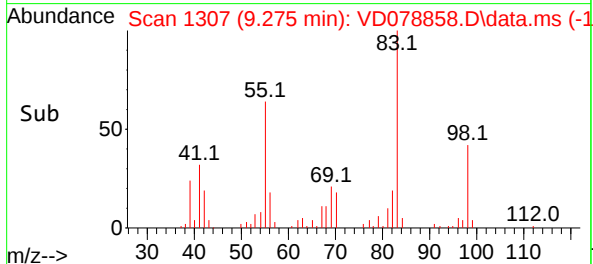
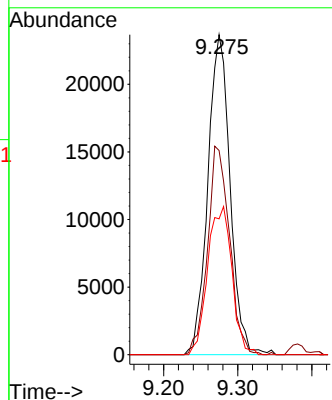
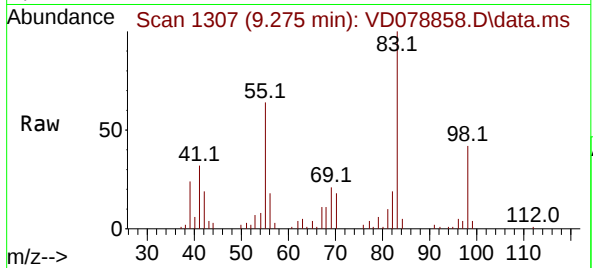
#39
Methylcyclohexane
Concen: 19.312 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 49370
Ion Ratio Lower Upper
83 100
55 63.8 51.7 77.5
98 42.4 41.4 62.0

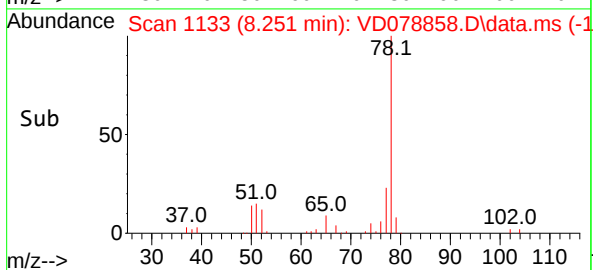
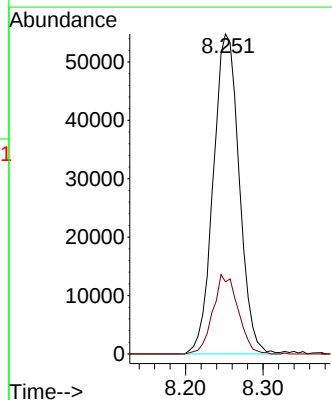
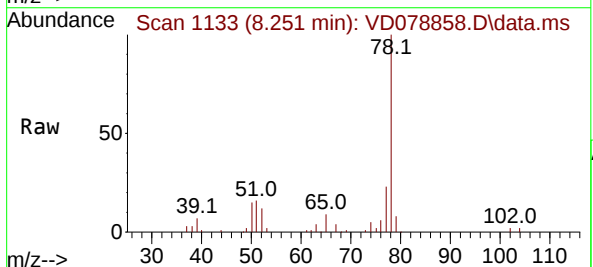
Manual Integrations
APPROVED

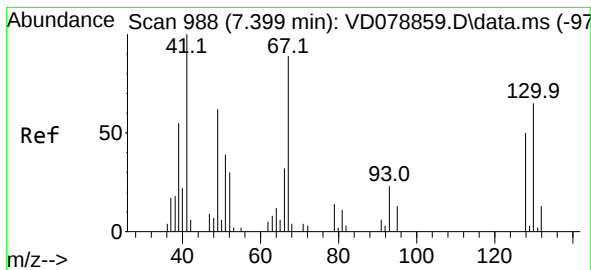
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#40
Benzene
Concen: 18.752 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 78 Resp: 127413
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6





#41
Methacrylonitrile
Concen: 19.487 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

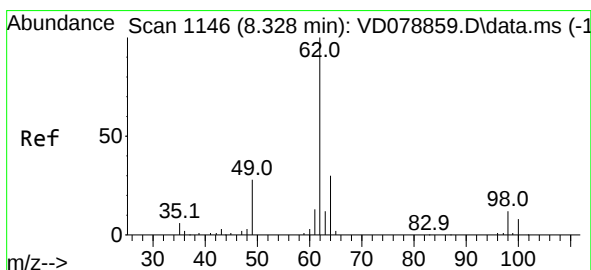
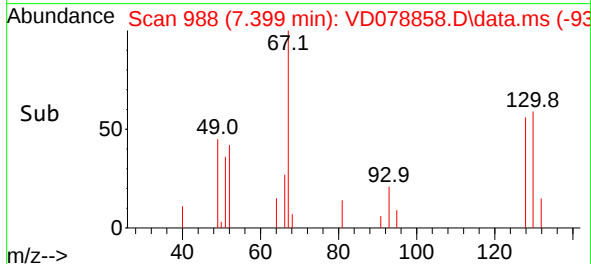
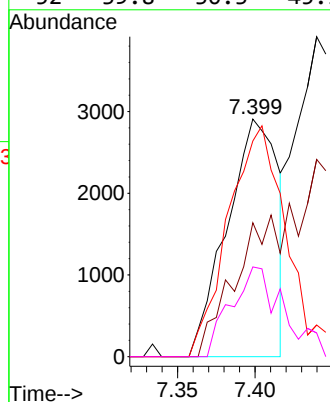
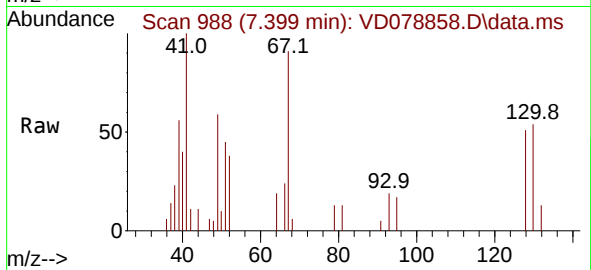
VSTDICC020

Tgt Ion: 41 Resp: 6604
Ion Ratio Lower Upper
41 100
39 52.2 39.8 59.6
67 110.3 83.5 125.3
52 39.8 30.3 45.5

Manual Integrations

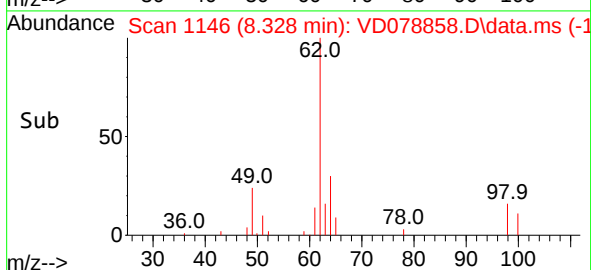
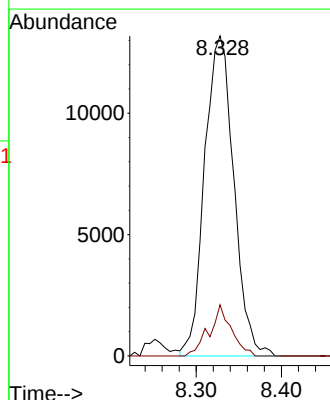
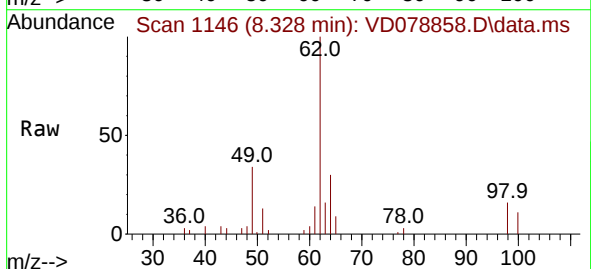
APPROVED

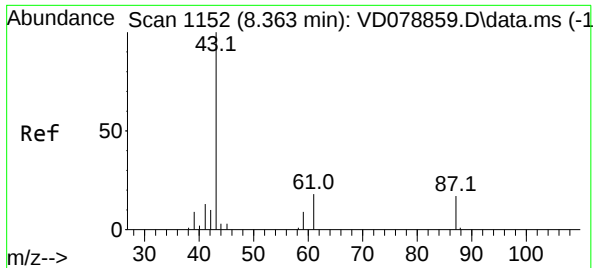
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 62 Resp: 31382
Ion Ratio Lower Upper
62 100
98 12.2 0.0 23.8





#43

Isopropyl Acetate

Concen: 18.900 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

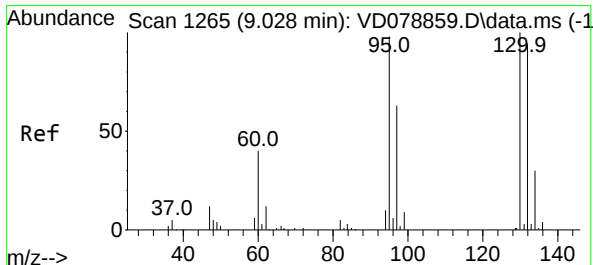
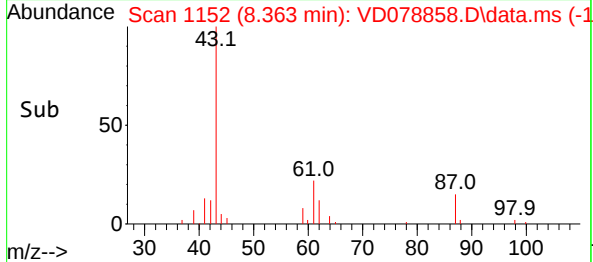
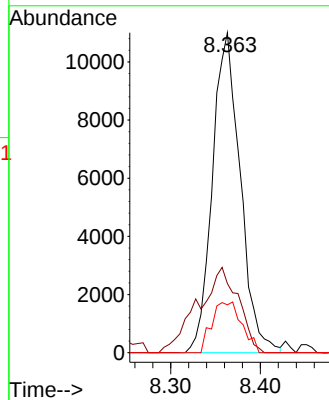
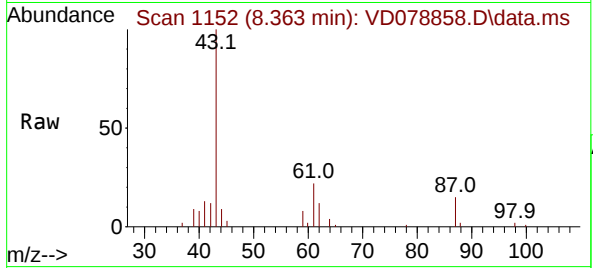
Tgt Ion:	43	Resp:	2372
Ion Ratio	Lower	Upper	
43	100		
61	38.8	30.1	45.1
87	17.0	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#44

Trichloroethene

Concen: 19.590 ug/l

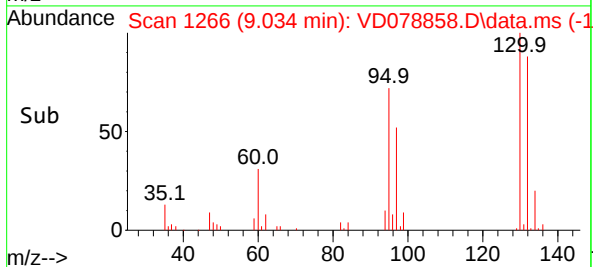
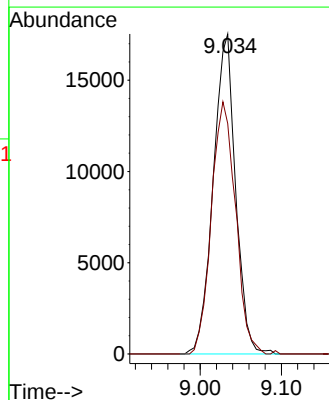
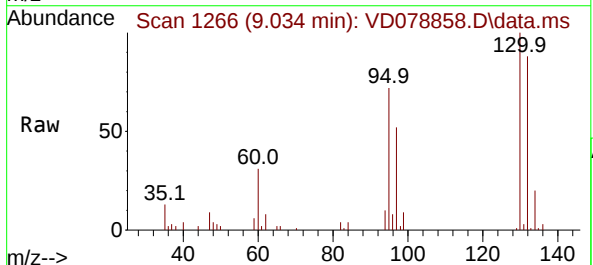
RT: 9.034 min Scan# 1266

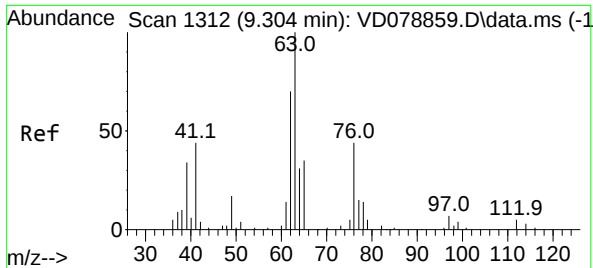
Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	130	Resp:	33530
Ion Ratio	Lower	Upper	
130	100		
95	72.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 19.020 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2834

Ion Ratio Lower Upper

63 100

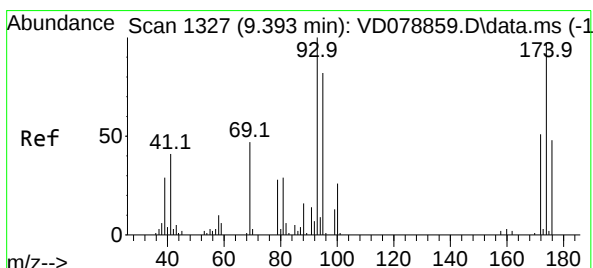
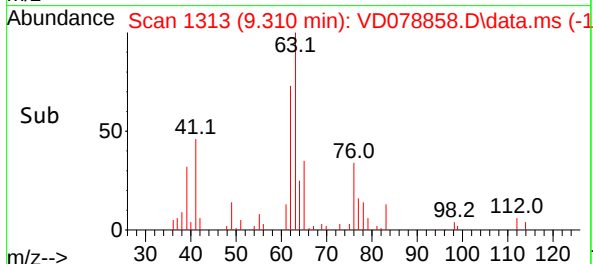
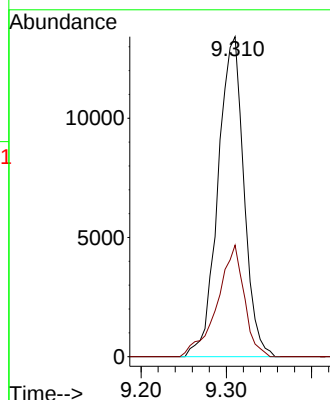
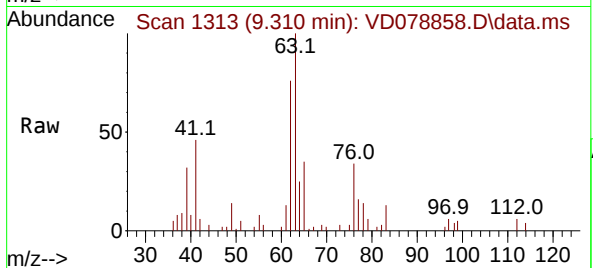
65 34.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#46

Dibromomethane

Concen: 19.753 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

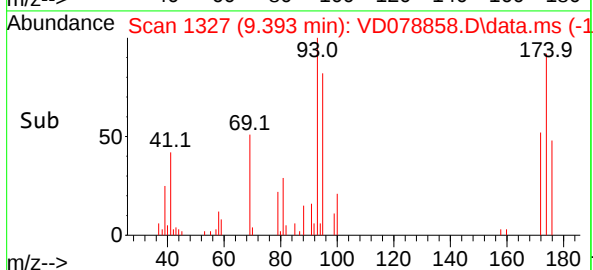
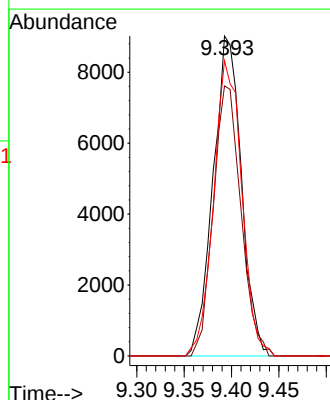
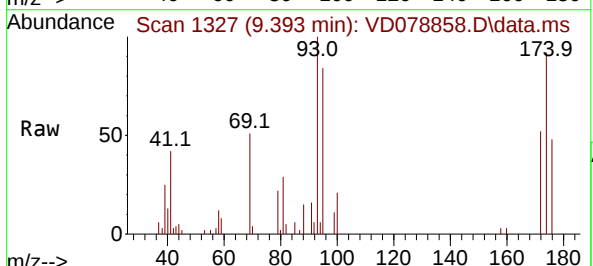
Tgt Ion: 93 Resp: 18739

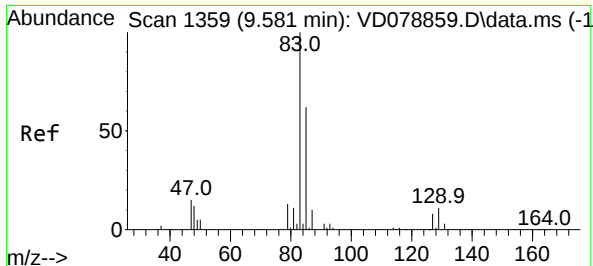
Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

174 91.6 80.9 121.3





#47

Bromodichloromethane

Concen: 18.585 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 43650

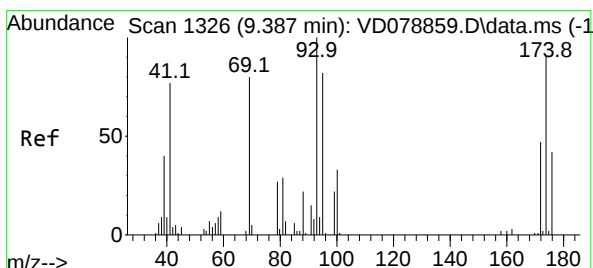
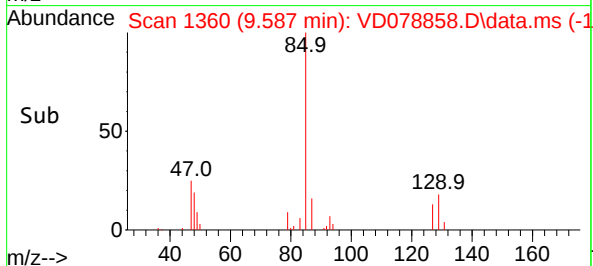
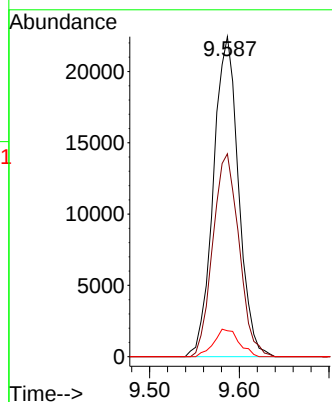
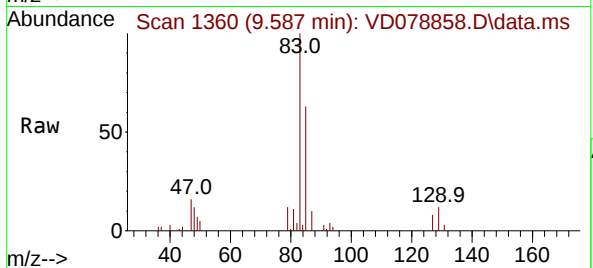
Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.0	81.0
127	8.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#48

Methyl methacrylate

Concen: 19.215 ug/l

RT: 9.387 min Scan# 1326

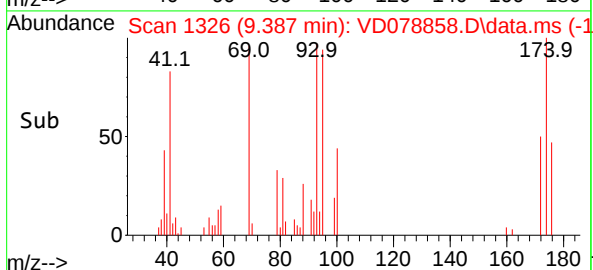
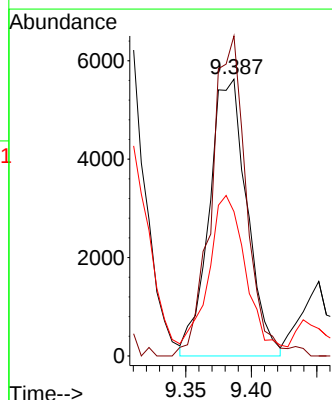
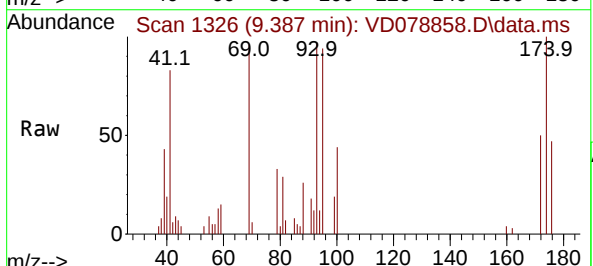
Delta R.T. -0.000 min

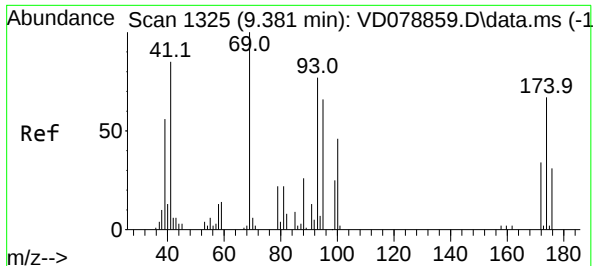
Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion: 41 Resp: 11306

Ion	Ratio	Lower	Upper
41	100		
69	106.4	88.3	132.5
39	52.9	46.6	69.8





#49

1,4-Dioxane

Concen: 402.333 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 348

Ion Ratio Lower Upper

88 100

43 20.6 23.2 34.8

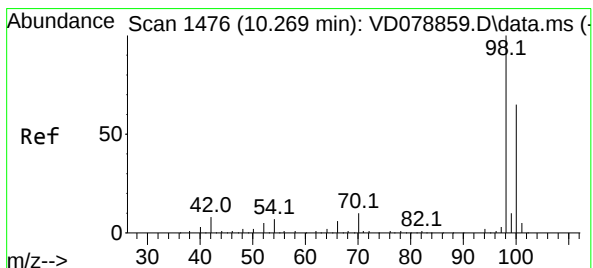
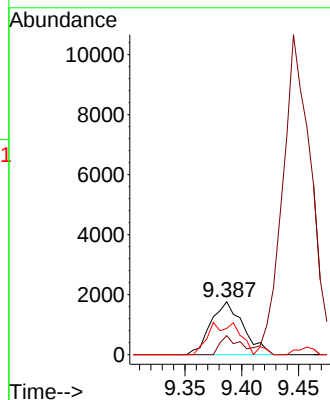
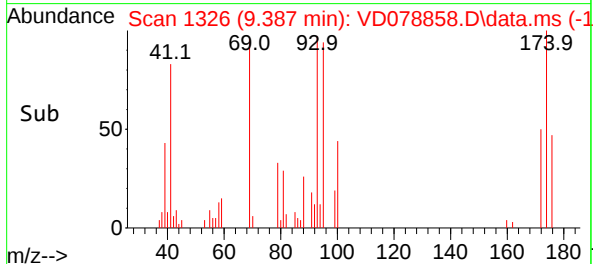
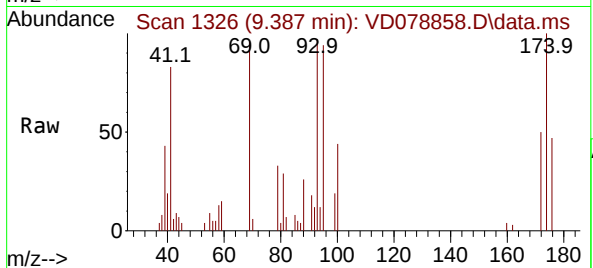
58 62.5 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#50

Toluene-d8

Concen: 18.172 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078858.D

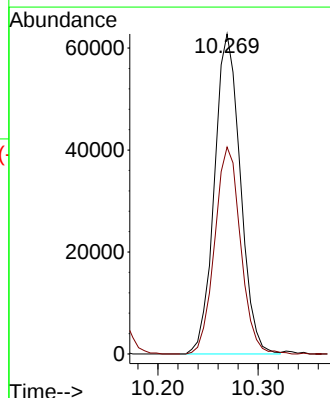
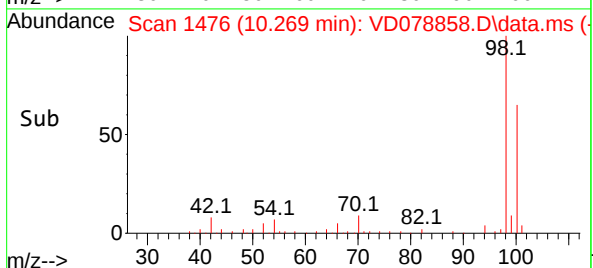
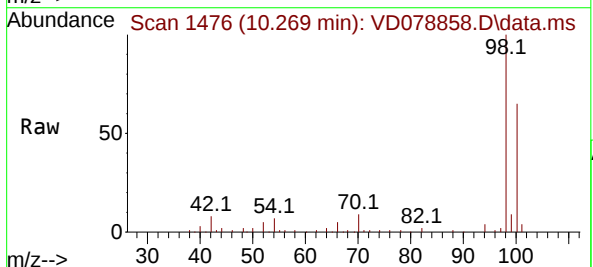
Acq: 01 May 2024 12:44

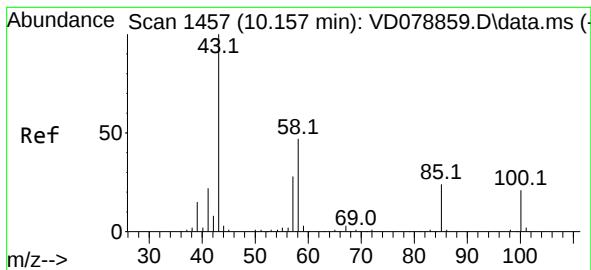
Tgt Ion: 98 Resp: 112491

Ion Ratio Lower Upper

98 100

100 64.8 50.5 75.7





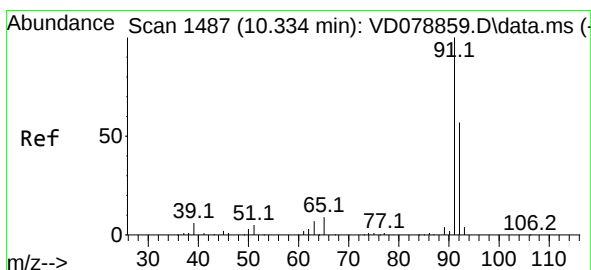
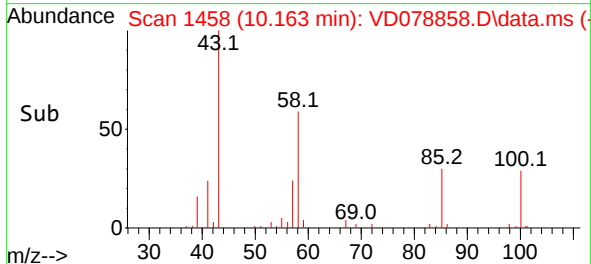
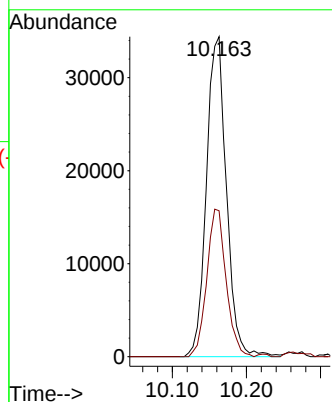
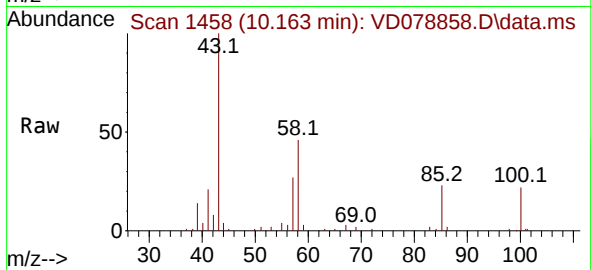
#51
4-Methyl-2-Pentanone
Concen: 95.971 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 6451
Ion Ratio Lower Upper
43 100
58 44.5 36.4 54.6

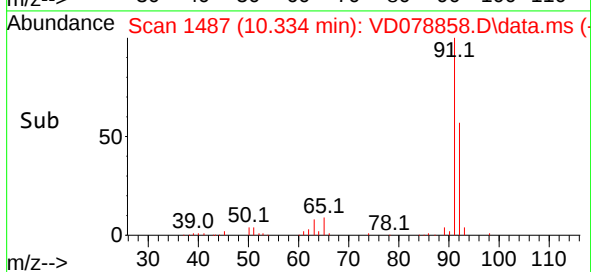
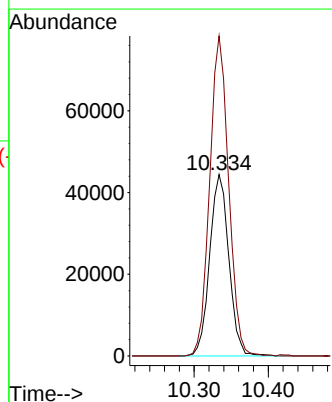
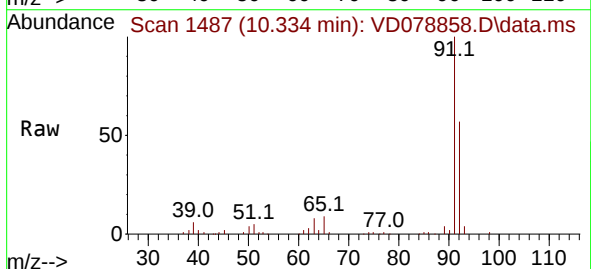
Manual Integrations
APPROVED

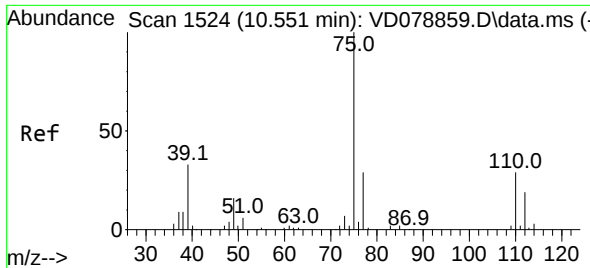
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#52
Toluene
Concen: 18.672 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

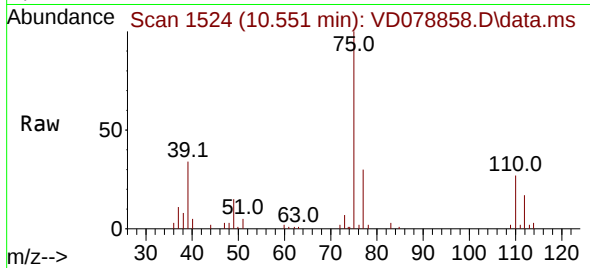
Tgt Ion: 92 Resp: 79688
Ion Ratio Lower Upper
92 100
91 174.6 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 18.703 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

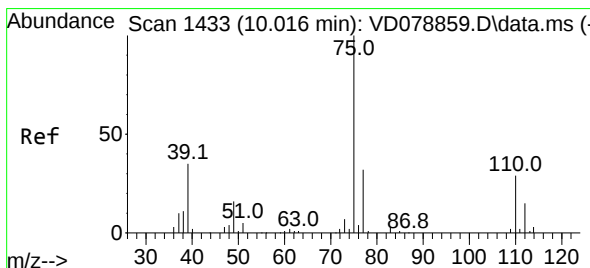
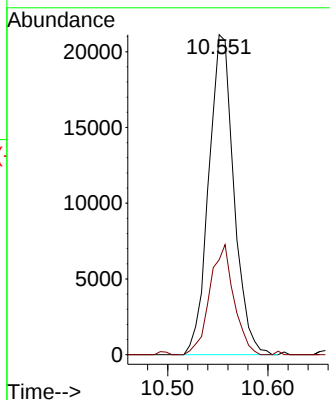
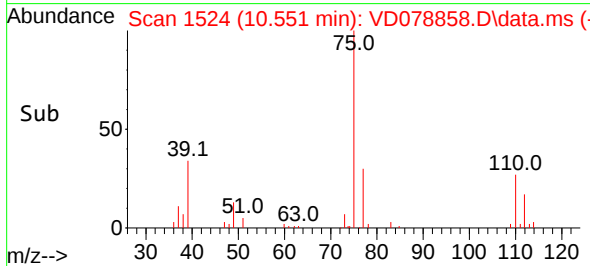
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 3683
Ion Ratio Lower Upper
75 100
77 29.6 27.1 40.7

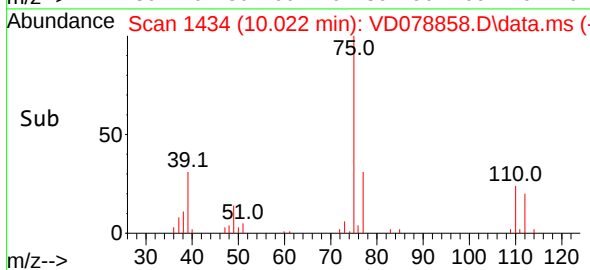
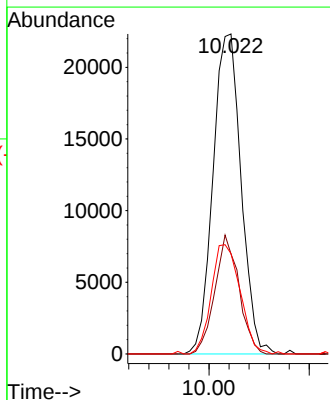
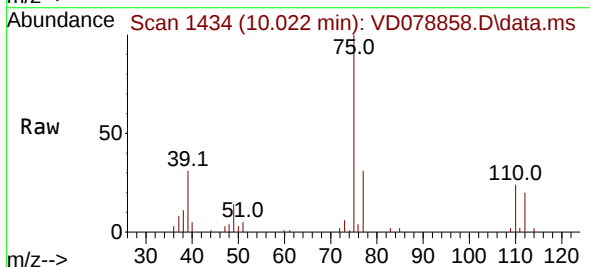
Manual Integrations
APPROVED

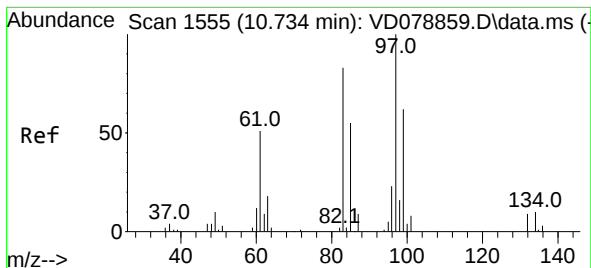
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#54
cis-1,3-Dichloropropene
Concen: 18.258 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 75 Resp: 43436
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 30.7 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 19.258 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 23690

Ion Ratio Lower Upper

97 100

83 82.1 68.1 102.1

85 58.2 48.2 72.2

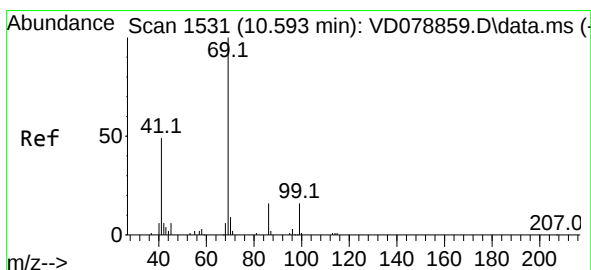
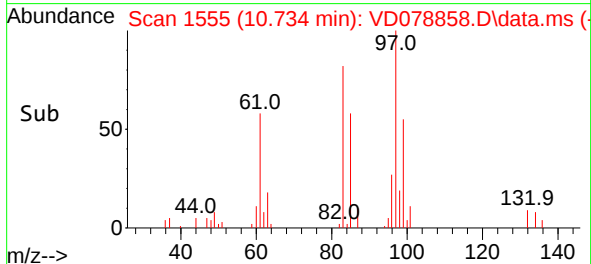
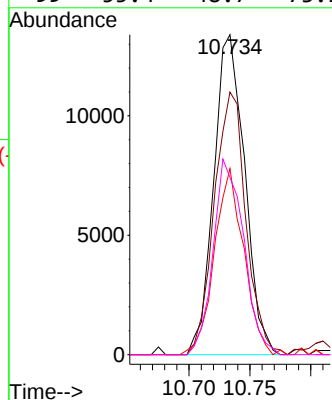
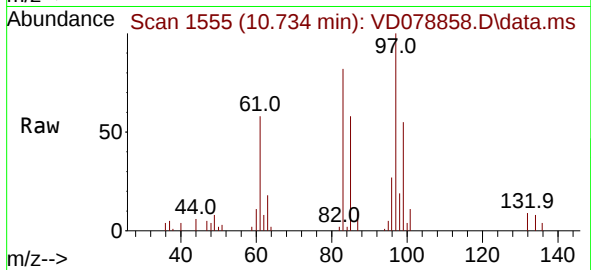
99 55.4 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#56

Ethyl methacrylate

Concen: 18.655 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

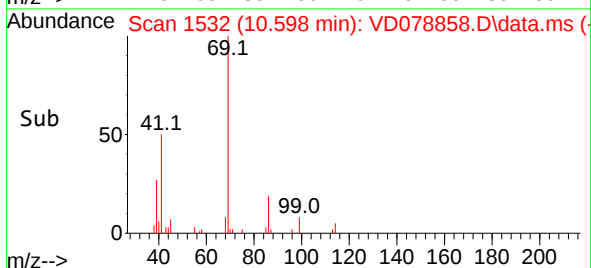
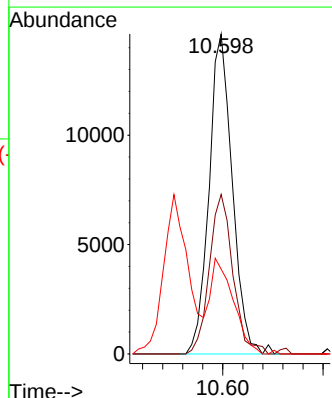
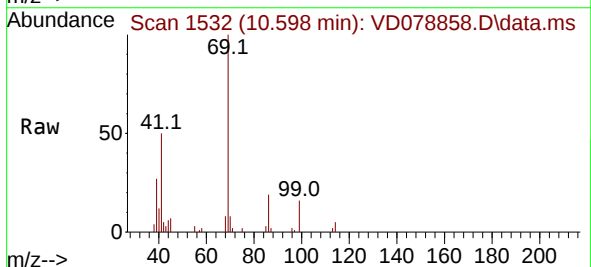
Tgt Ion: 69 Resp: 23585

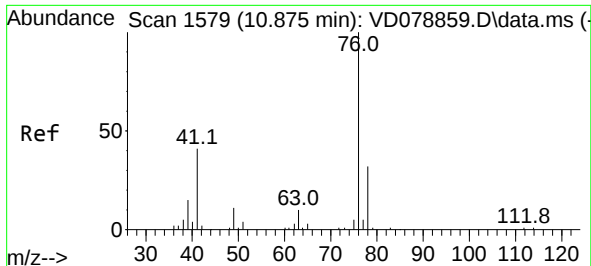
Ion Ratio Lower Upper

69 100

41 50.5 40.9 61.3

39 29.7 25.5 38.3





#57

1,3-Dichloropropane

Concen: 18.885 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 36740

Ion Ratio Lower Upper

76 100

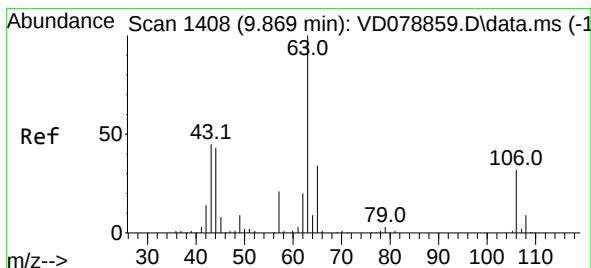
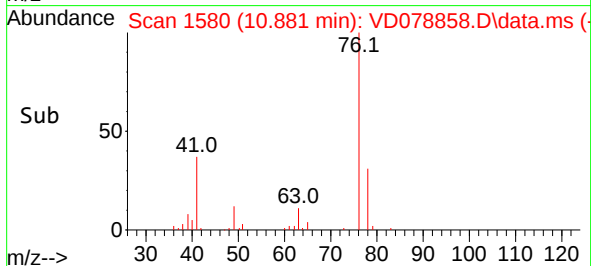
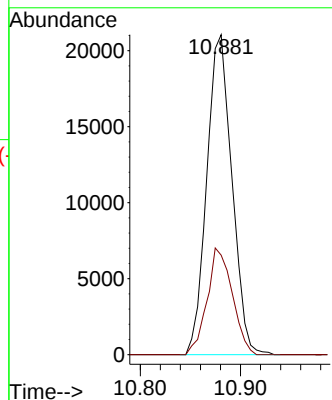
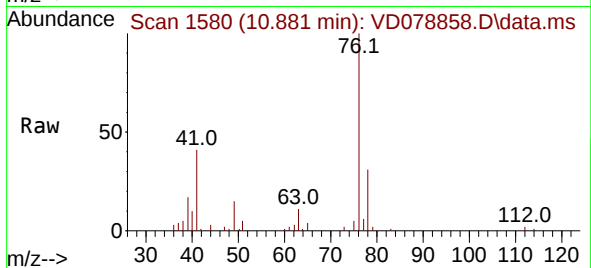
78 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 105.675 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078858.D

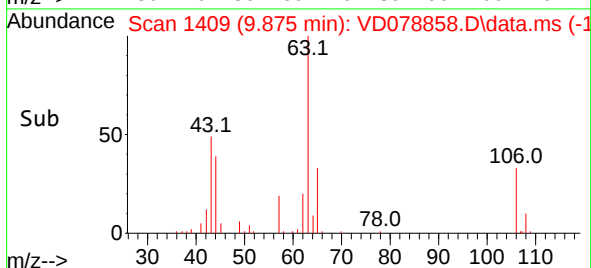
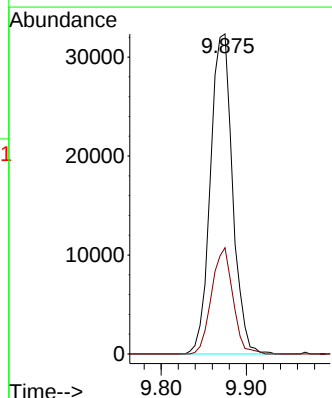
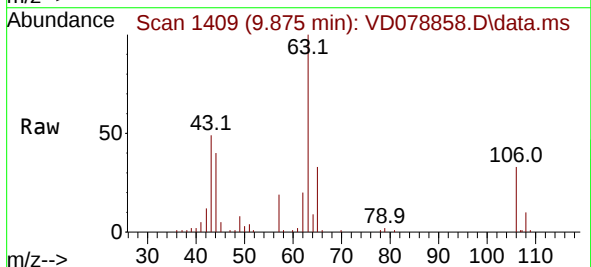
Acq: 01 May 2024 12:44

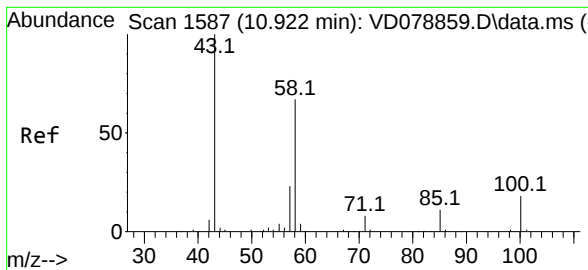
Tgt Ion: 63 Resp: 58339

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8





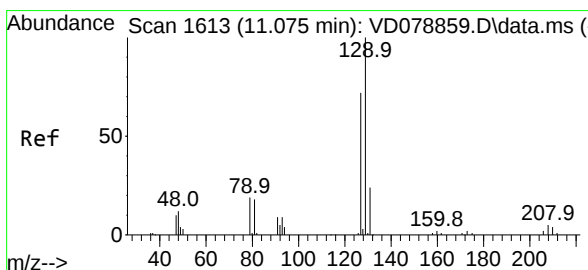
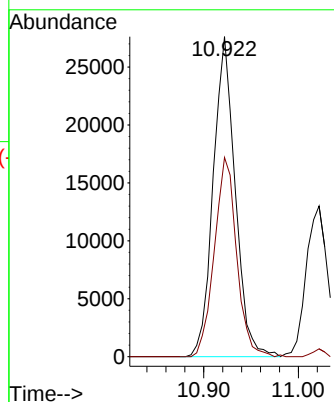
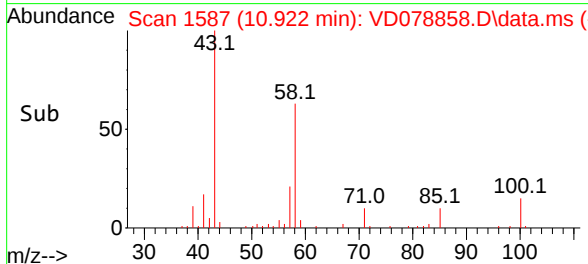
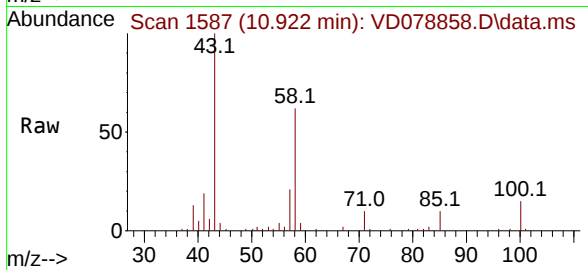
#59
2-Hexanone
Concen: 93.626 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 4456
Ion Ratio Lower Upper
43 100
58 63.2 31.5 94.5

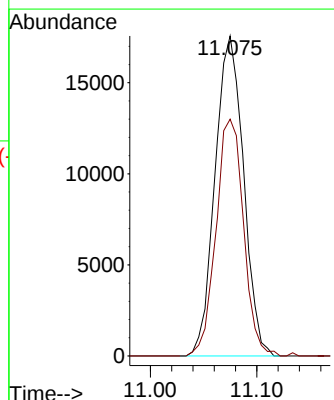
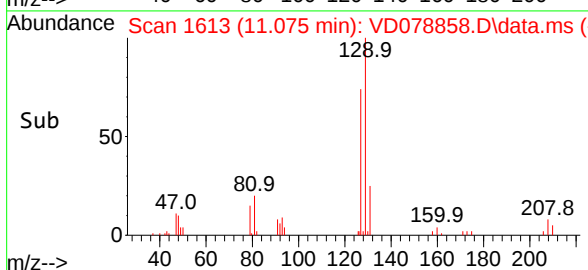
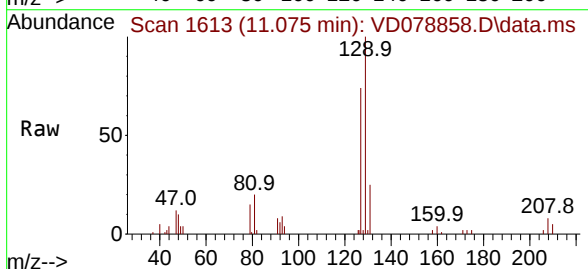
Manual Integrations
APPROVED

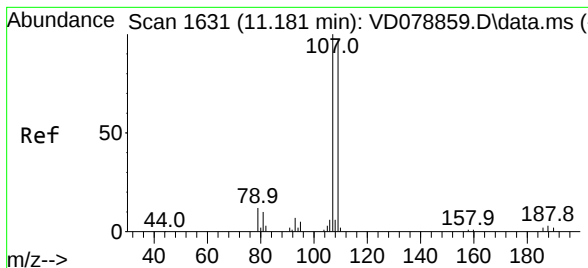
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:129 Resp: 32602
Ion Ratio Lower Upper
129 100
127 71.4 38.8 116.3





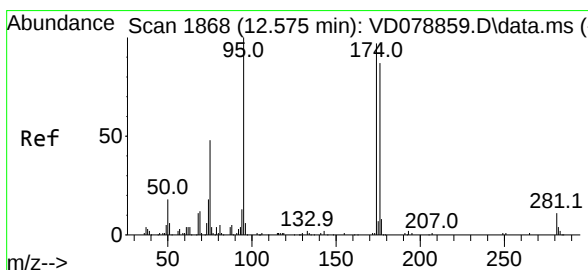
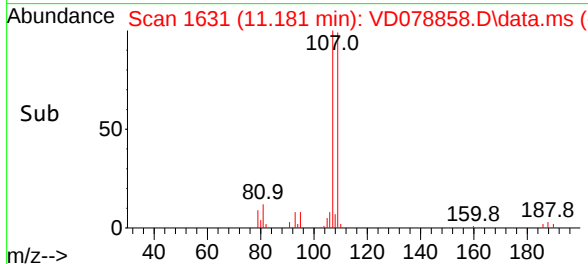
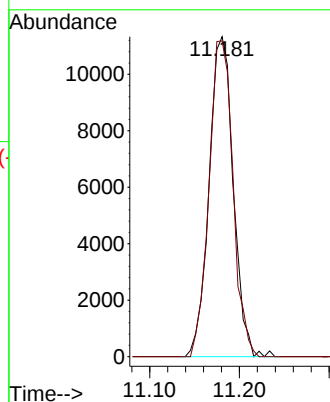
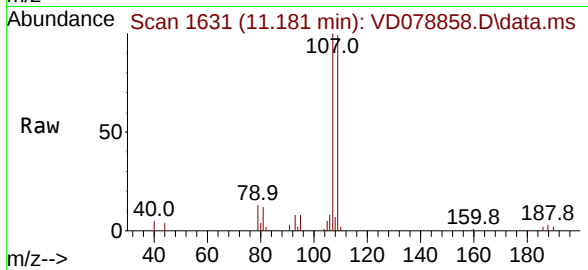
#61
1,2-Dibromoethane
Concen: 18.542 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 21159
Ion Ratio Lower Upper
107 100
109 98.0 74.8 112.2

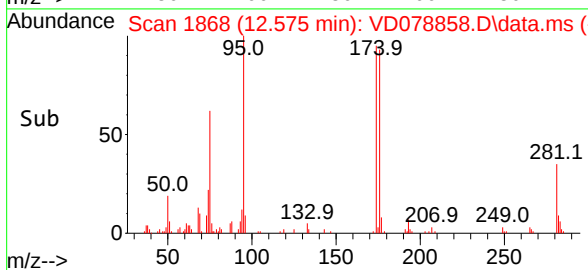
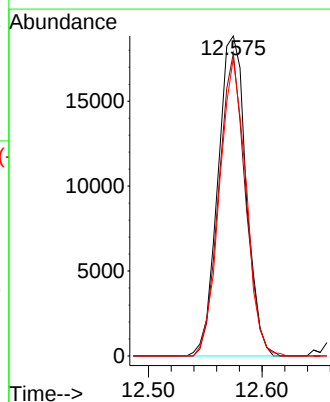
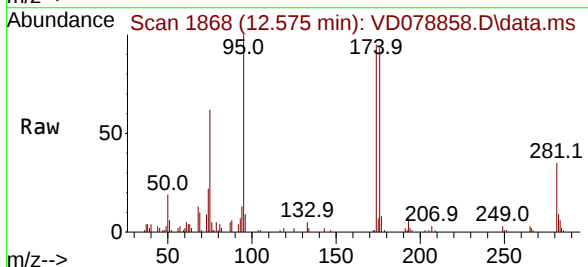
Manual Integrations
APPROVED

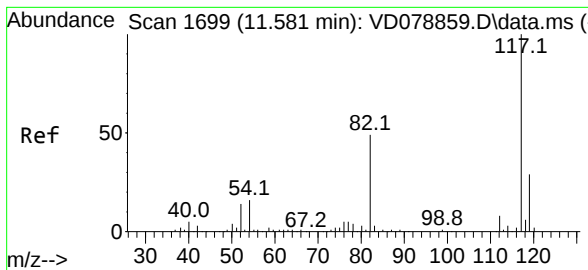
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#62
4-Bromofluorobenzene
Concen: 18.283 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

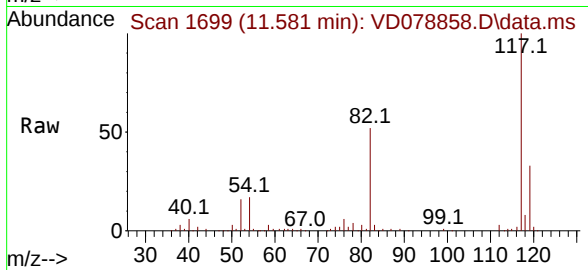
Tgt Ion: 95 Resp: 32392
Ion Ratio Lower Upper
95 100
174 88.8 0.0 195.2
176 87.9 0.0 188.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

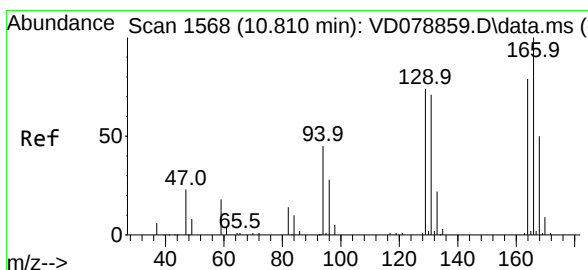
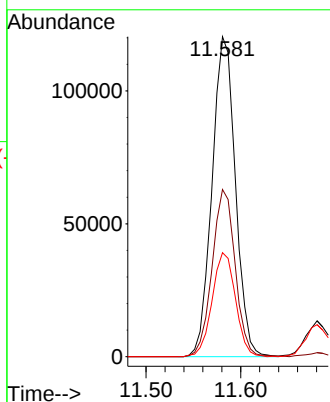
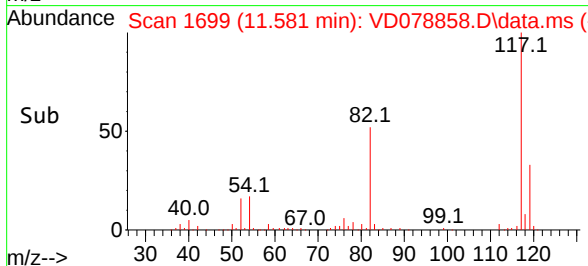
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



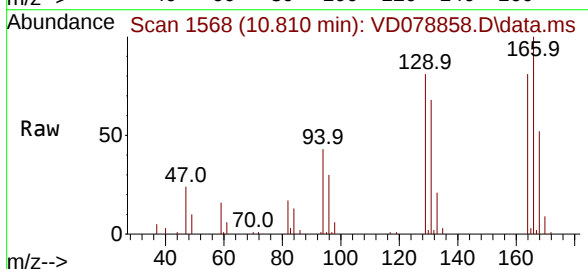
Tgt Ion:117 Resp: 20646
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 32.5 26.5 39.7

Manual Integrations
APPROVED

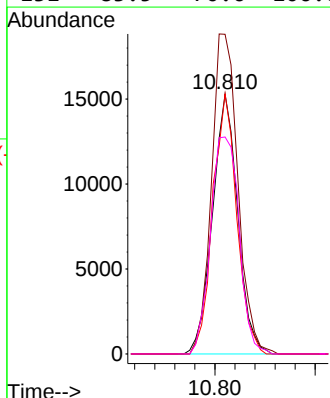
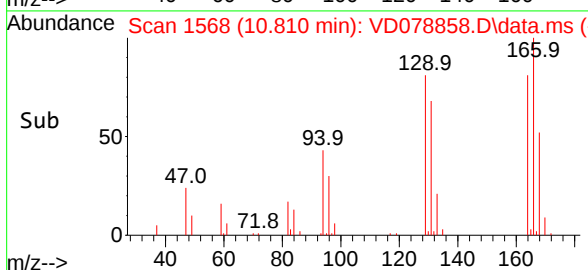
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

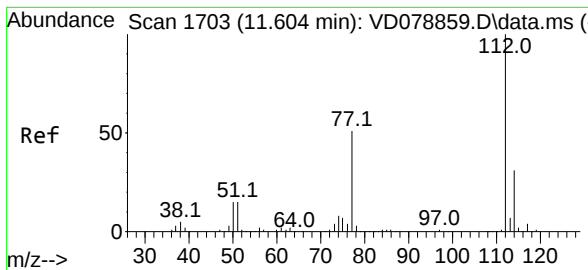


#64
Tetrachloroethene
Concen: 18.950 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



Tgt Ion:164 Resp: 26686
Ion Ratio Lower Upper
164 100
166 123.0 98.9 148.3
129 100.0 70.3 105.5
131 83.5 70.6 106.0





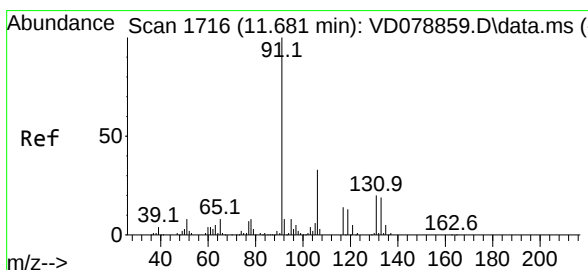
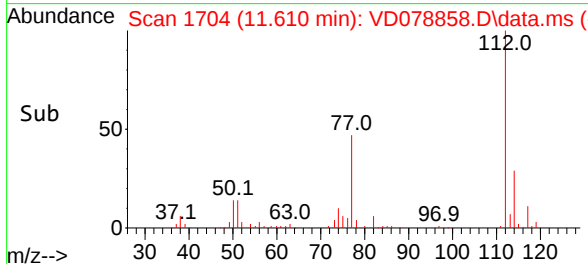
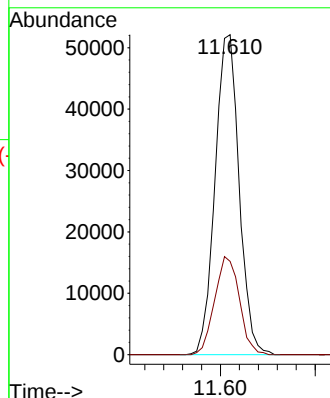
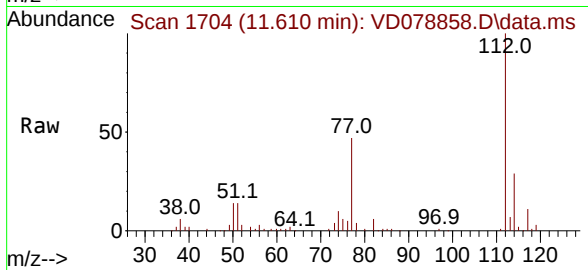
#65
Chlorobenzene
Concen: 19.385 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 91852
Ion Ratio Lower Upper
112 100
114 29.2 25.0 37.6

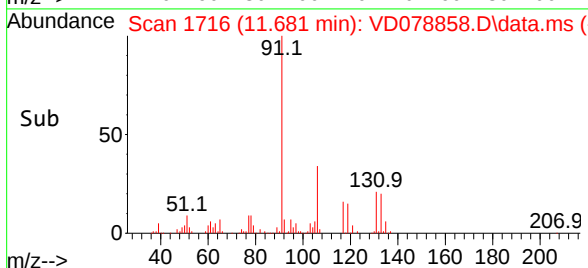
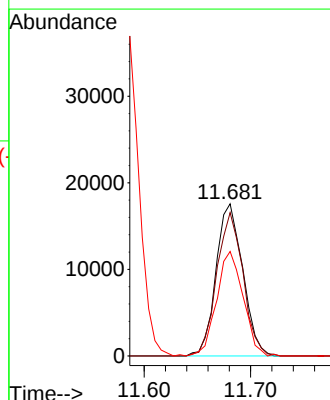
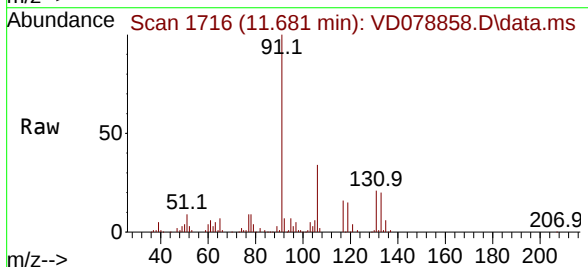
Manual Integrations
APPROVED

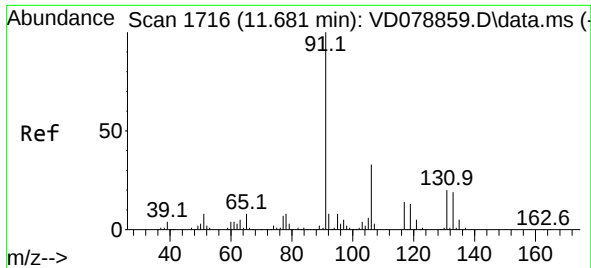
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:131 Resp: 30627
Ion Ratio Lower Upper
131 100
133 92.7 47.6 142.9
119 68.1 34.1 102.3





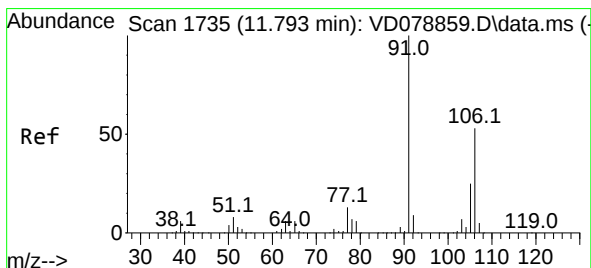
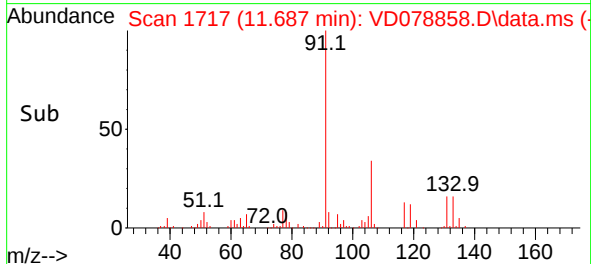
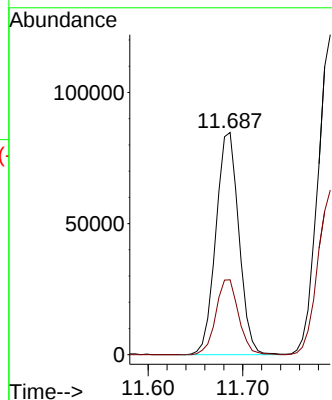
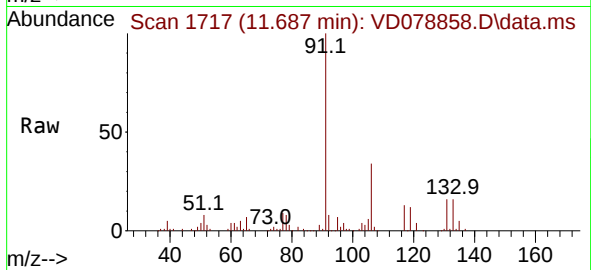
#67
Ethyl Benzene
Concen: 18.466 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 143120
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7

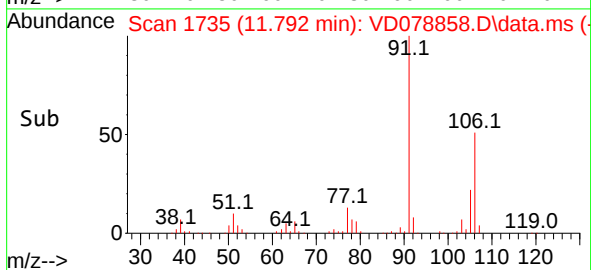
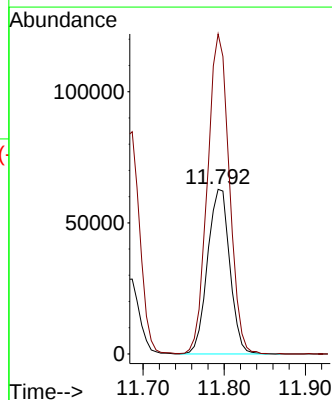
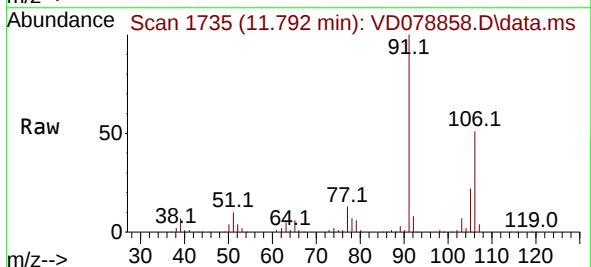
Manual Integrations
APPROVED

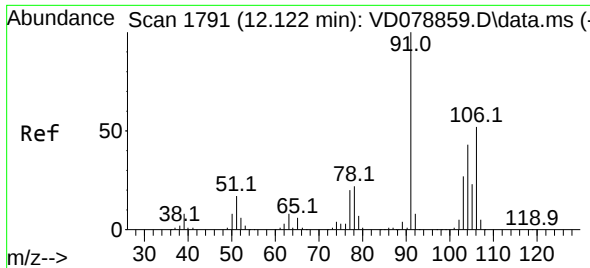
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#68
m/p-Xylenes
Concen: 38.015 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:106 Resp: 119293
Ion Ratio Lower Upper
106 100
91 190.8 154.4 231.6





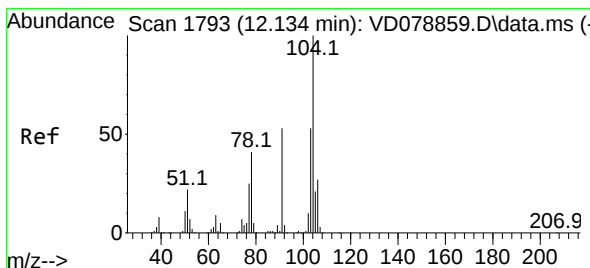
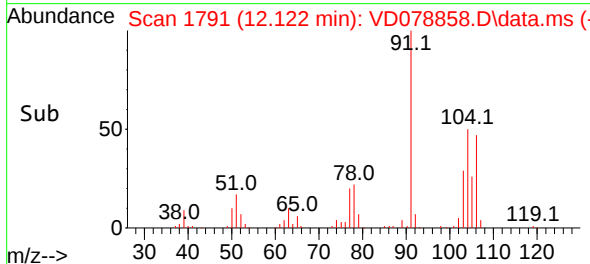
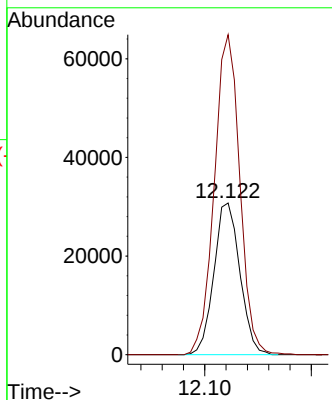
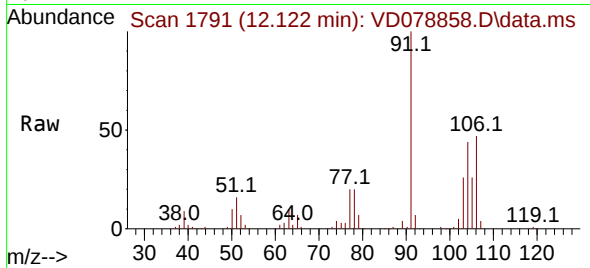
#69
o-Xylene
Concen: 18.125 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 5200
Ion Ratio Lower Upper
106 100
91 207.0 99.6 298.7

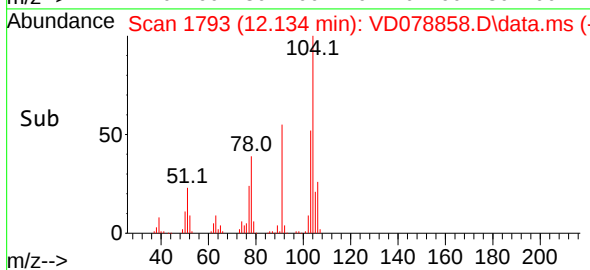
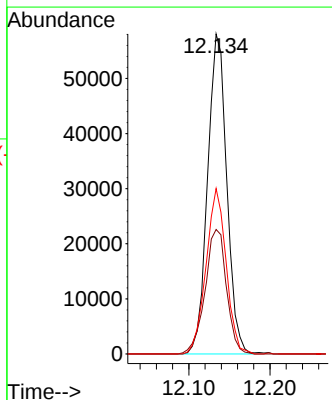
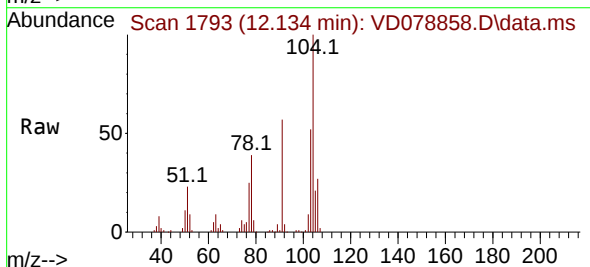
Manual Integrations
APPROVED

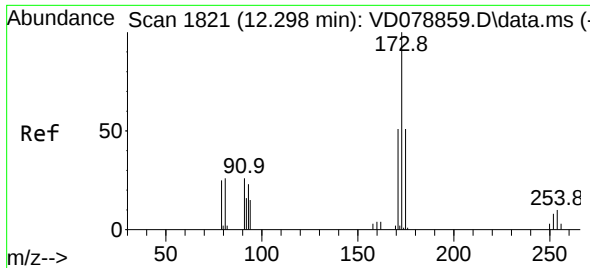
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#70
Styrene
Concen: 18.913 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

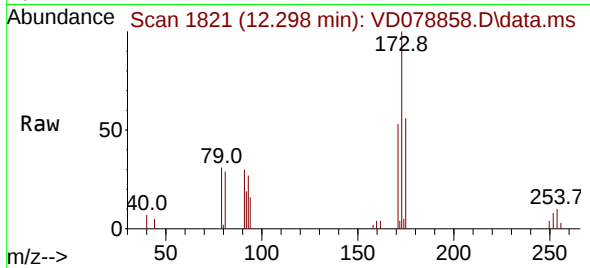
Tgt Ion:104 Resp: 95410
Ion Ratio Lower Upper
104 100
78 43.3 34.6 52.0
103 54.0 44.2 66.2





#71
Bromoform
Concen: 18.616 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

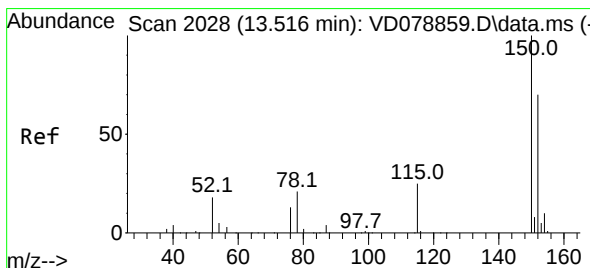
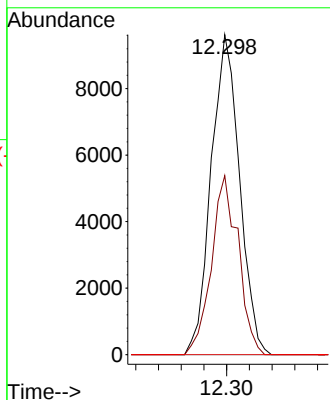
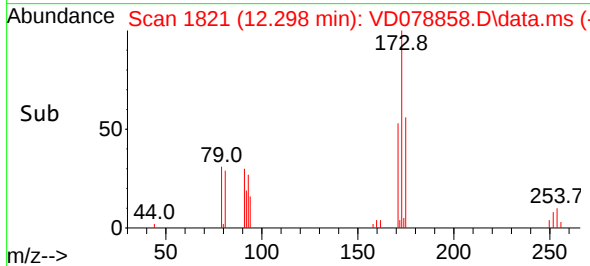
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 1670
Ion Ratio Lower Upper
173 100
175 52.8 25.8 77.4
254 0.0 0.0 0.0

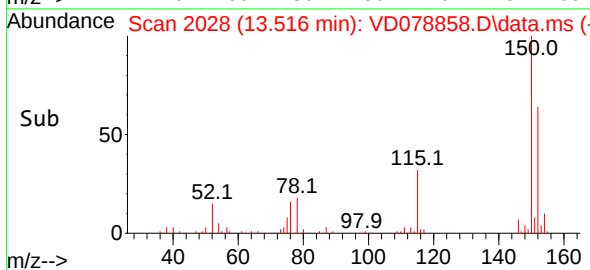
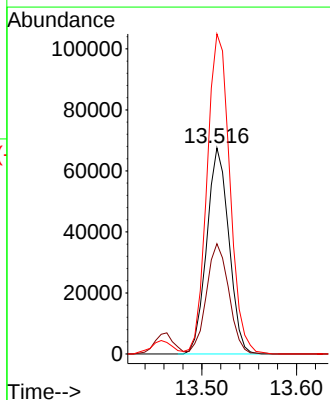
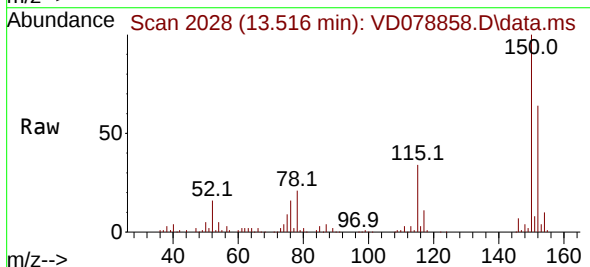
Manual Integrations
APPROVED

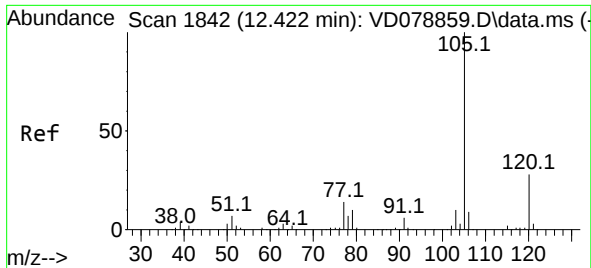
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:152 Resp: 109686
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.2
150 160.2 0.0 350.2





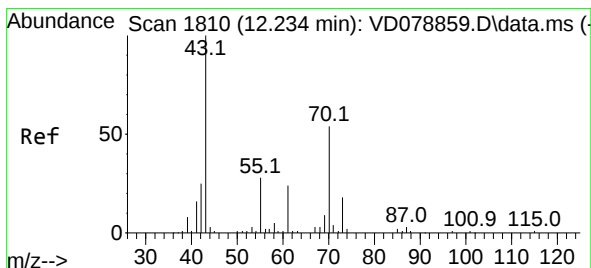
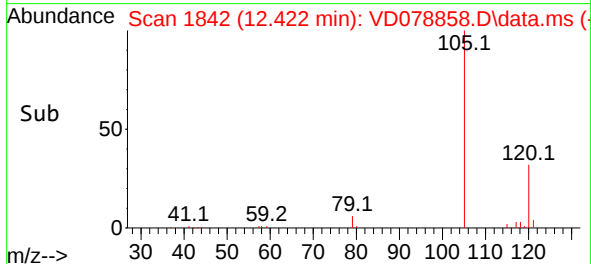
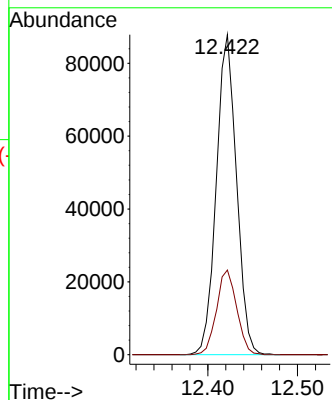
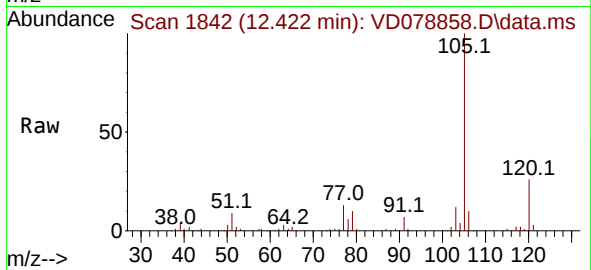
#73
Isopropylbenzene
Concen: 18.547 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 137130
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

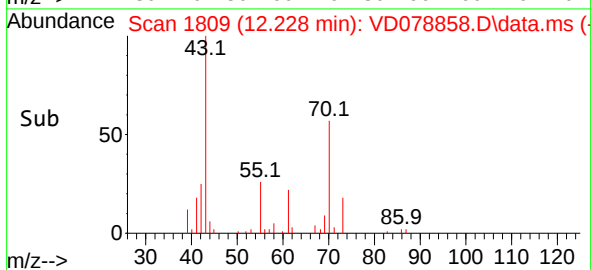
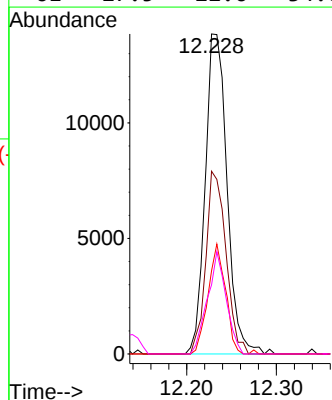
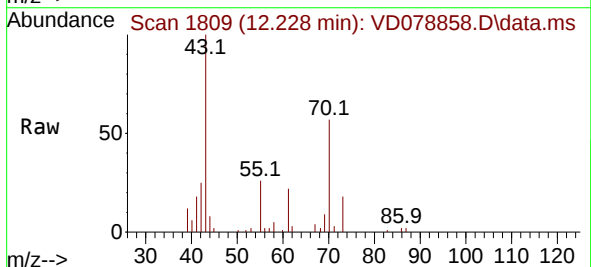
Manual Integrations
APPROVED

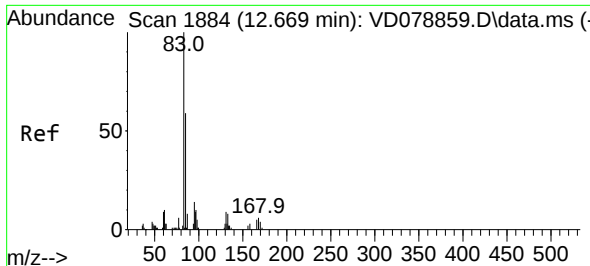
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#74
N-ethyl acetate
Concen: 19.028 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 43 Resp: 23402
Ion Ratio Lower Upper
43 100
70 52.5 42.1 63.1
55 27.6 22.6 33.8
61 27.5 22.6 34.0





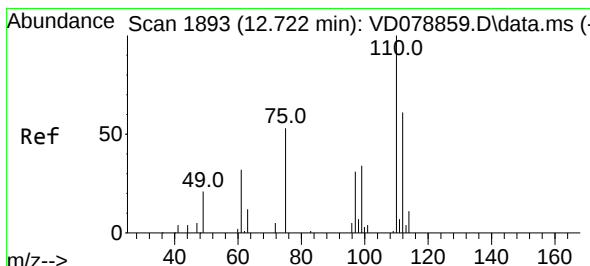
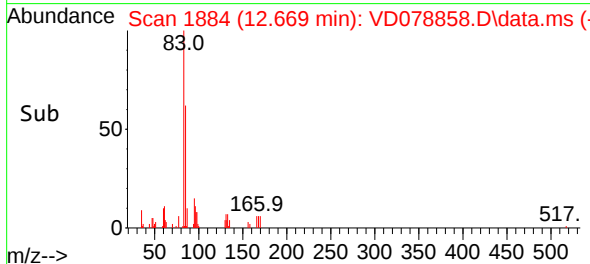
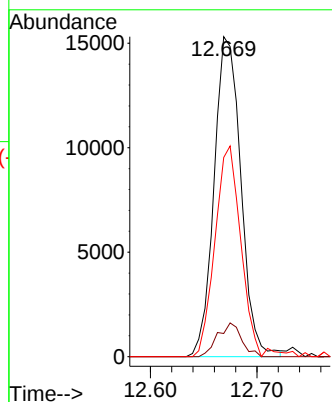
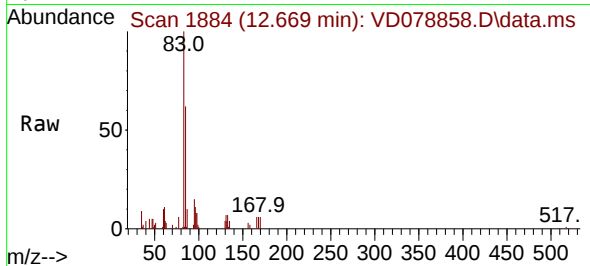
#75
1,1,2,2-Tetrachloroethane
Concen: 19.311 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 2675
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 64.6 32.2 96.6

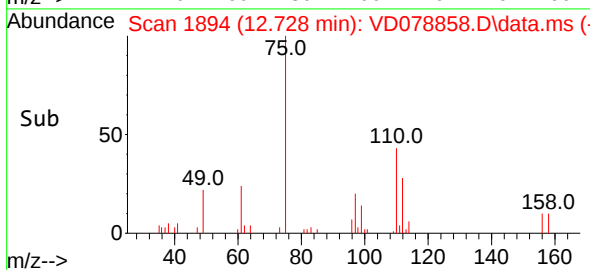
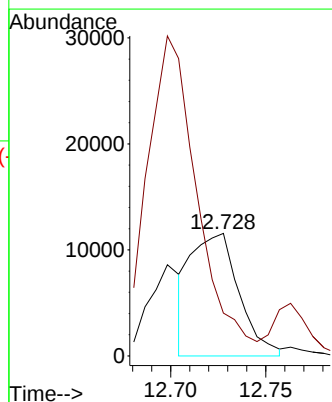
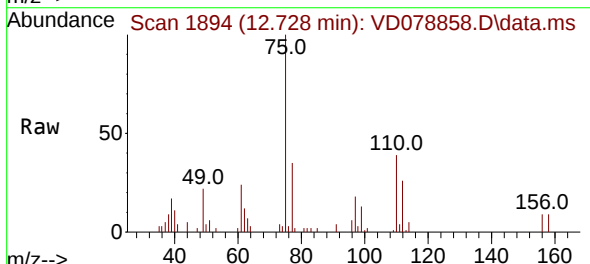
Manual Integrations
APPROVED

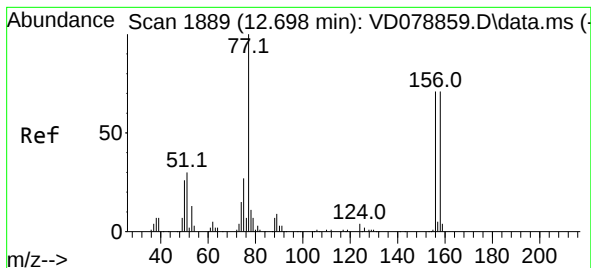
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#76
1,2,3-Trichloropropane
Concen: 22.283 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion: 75 Resp: 20352
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.324 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

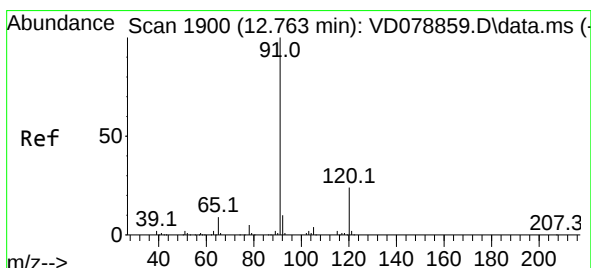
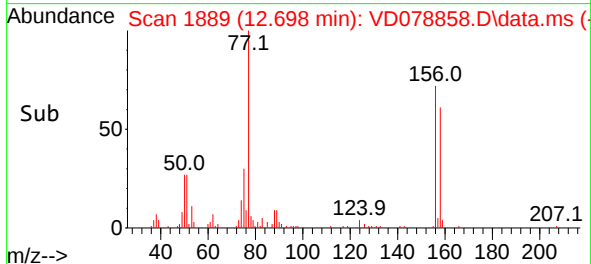
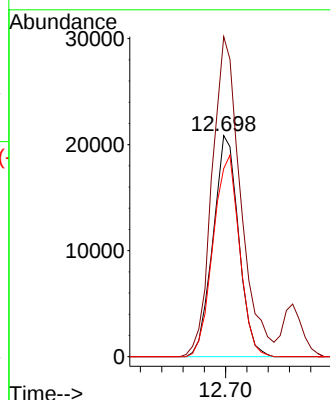
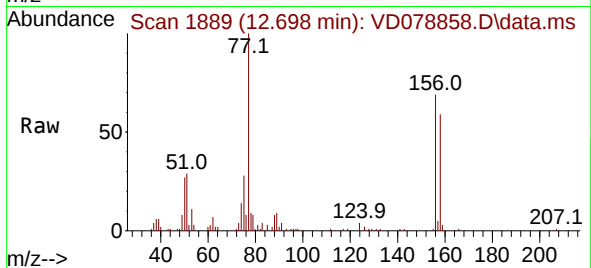
VSTDICC020

Tgt Ion:	156	Resp:	3480
Ion Ratio	Lower	Upper	
156	100		
77	161.4	79.1	237.3
158	93.6	47.0	141.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#78

n-propylbenzene

Concen: 18.724 ug/l

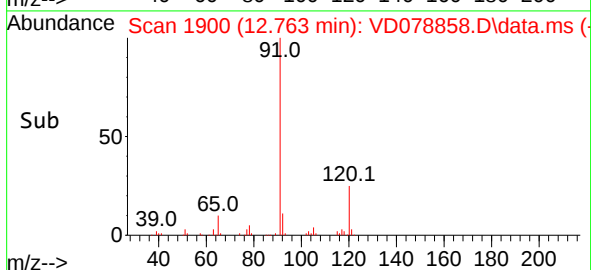
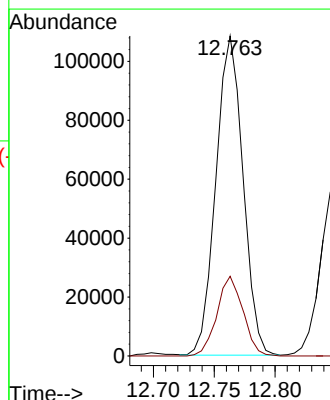
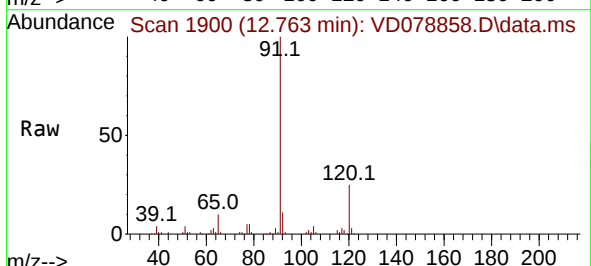
RT: 12.763 min Scan# 1900

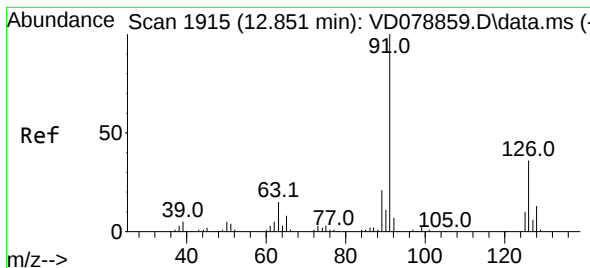
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	91	Resp:	167774
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.7	35.1





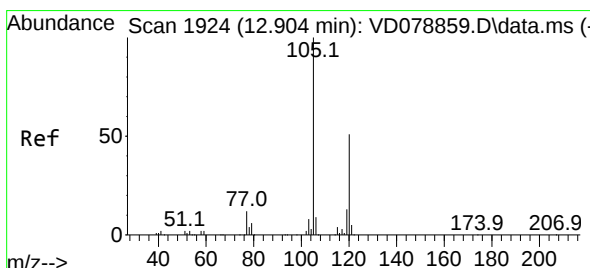
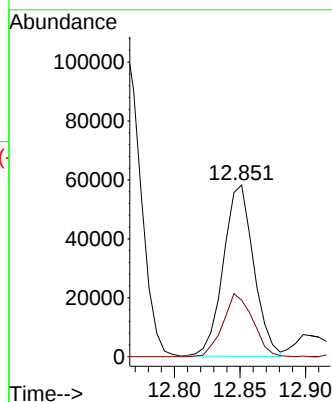
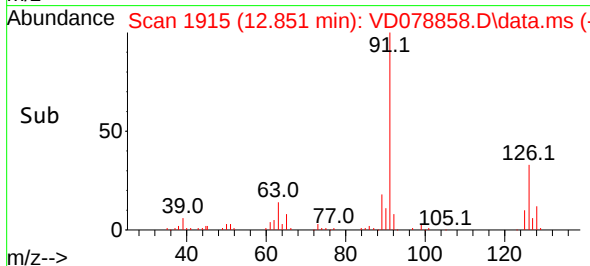
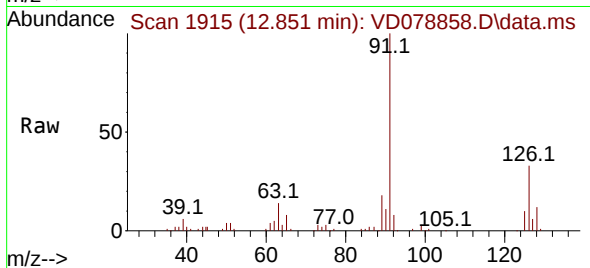
#79
2-Chlorotoluene
Concen: 18.709 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 9356
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1

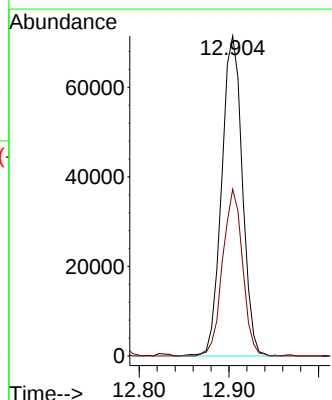
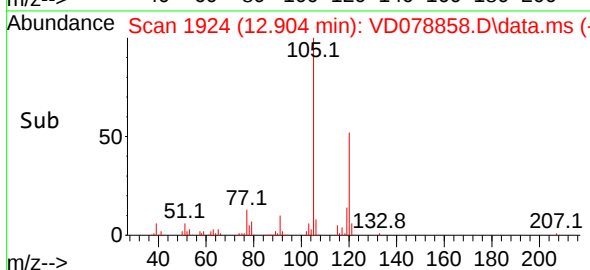
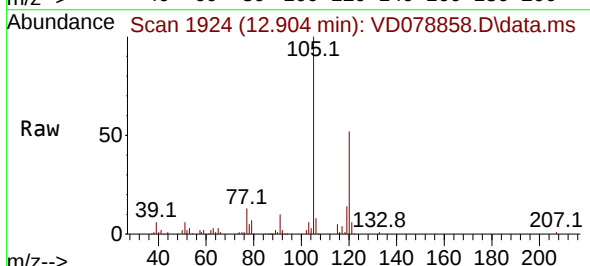
Manual Integrations
APPROVED

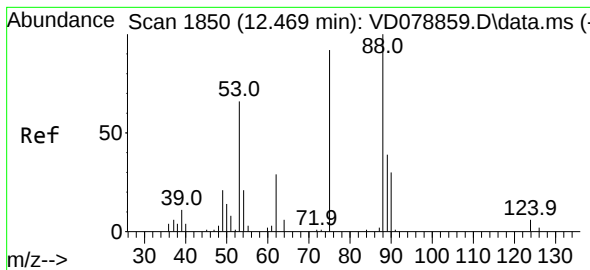
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.584 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

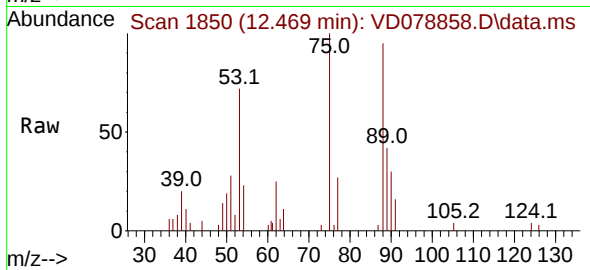
Tgt Ion:105 Resp: 114100
Ion Ratio Lower Upper
105 100
120 50.4 25.9 77.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.915 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

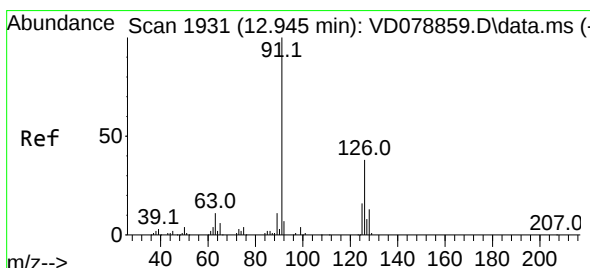
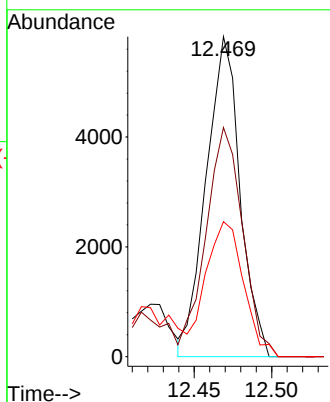
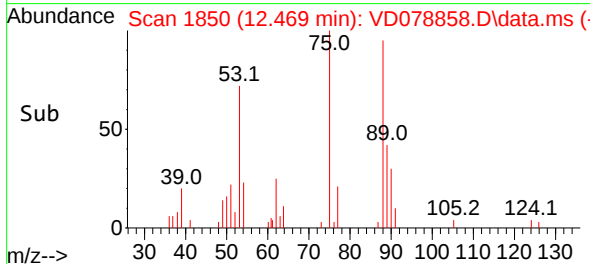
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



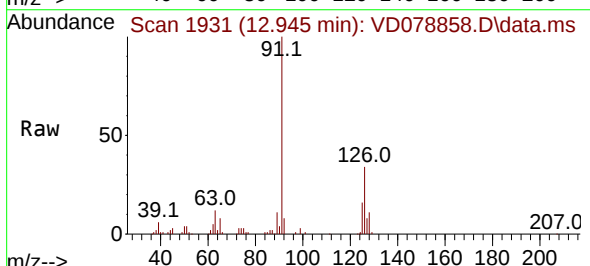
Tgt Ion: 75 Resp: 8834
Ion Ratio Lower Upper
75 100
53 77.8 61.0 91.6
89 46.9 35.4 53.0

Manual Integrations
APPROVED

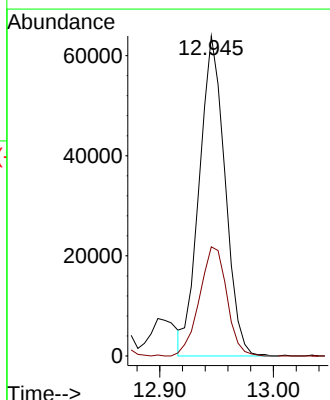
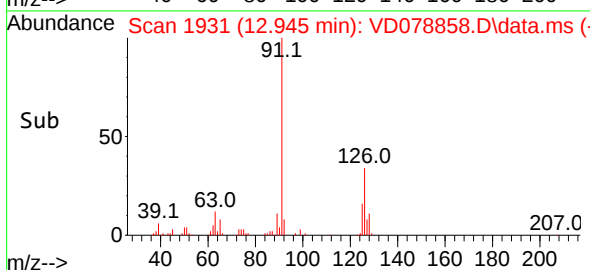
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

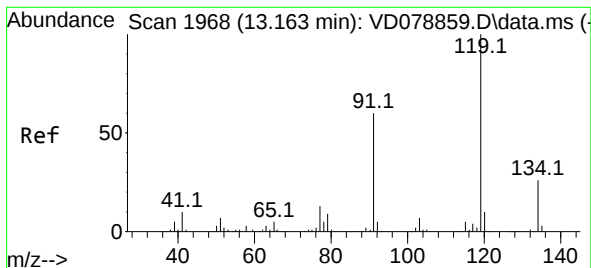


#82
4-Chlorotoluene
Concen: 18.787 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



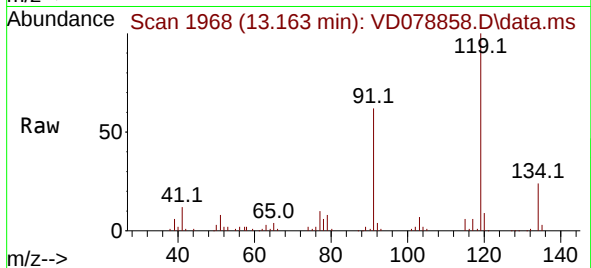
Tgt Ion: 91 Resp: 100195
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.5





#83
tert-Butylbenzene
Concen: 18.562 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

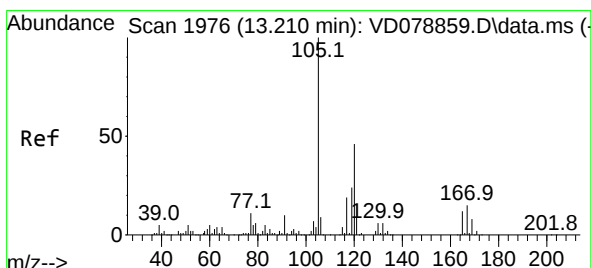
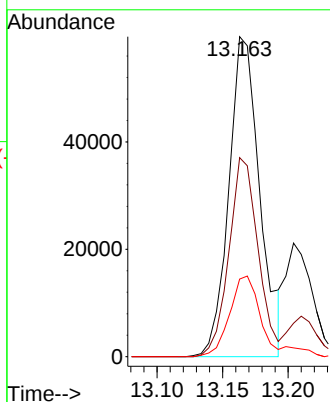
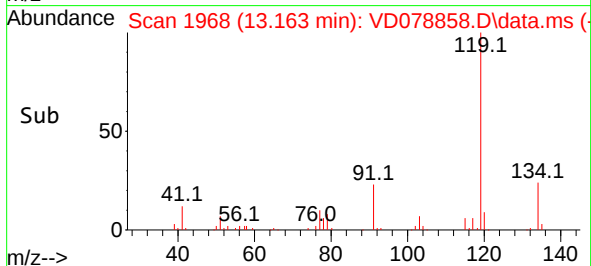
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



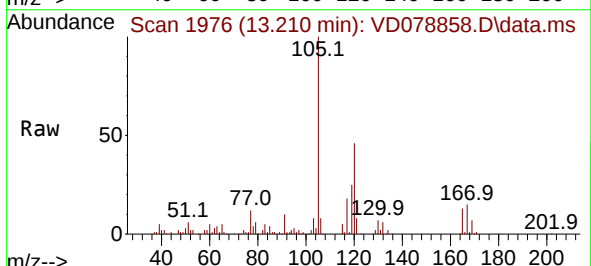
Tgt Ion:119 Resp: 98093
Ion Ratio Lower Upper
119 100
91 58.5 28.9 86.7
134 26.7 13.6 40.8

Manual Integrations
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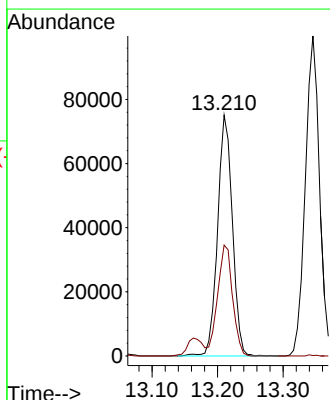
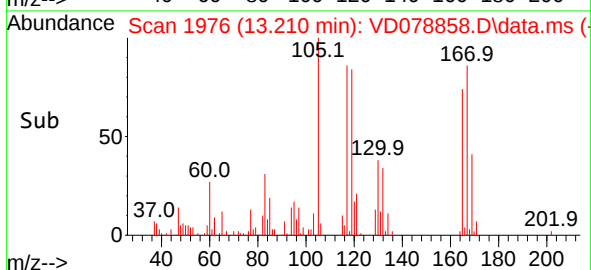
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

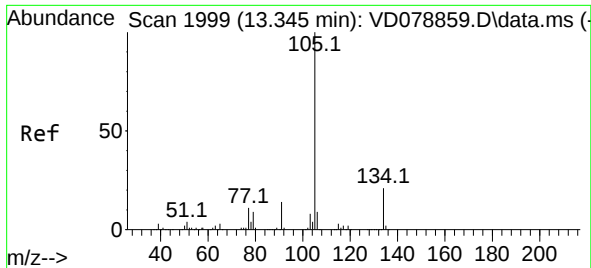


#84
1,2,4-Trimethylbenzene
Concen: 18.635 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



Tgt Ion:105 Resp: 117111
Ion Ratio Lower Upper
105 100
120 46.8 23.1 69.2





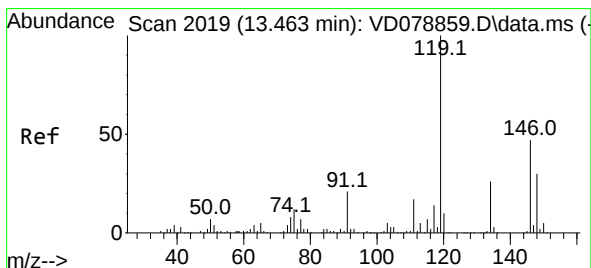
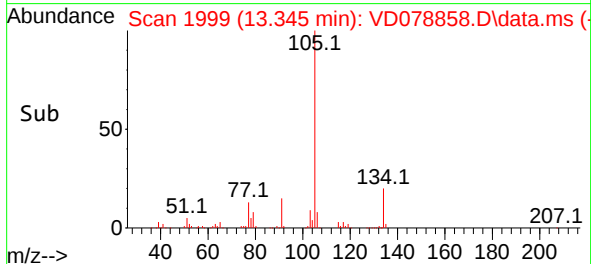
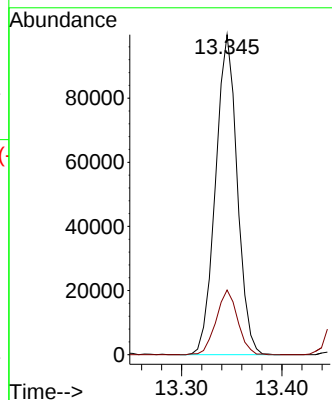
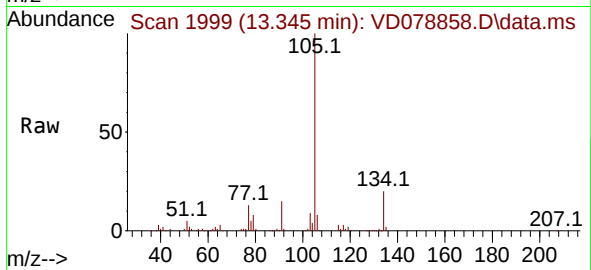
#85
 sec-Butylbenzene
 Concen: 18.612 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 14936
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2

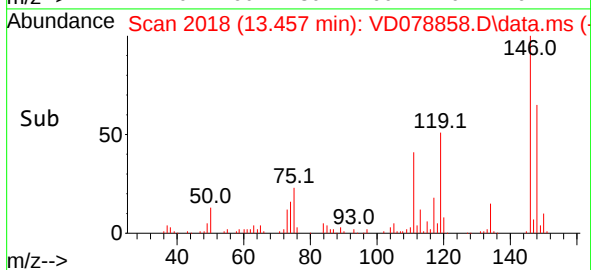
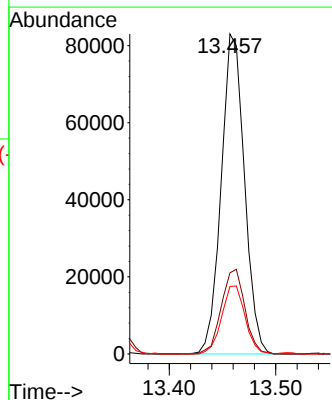
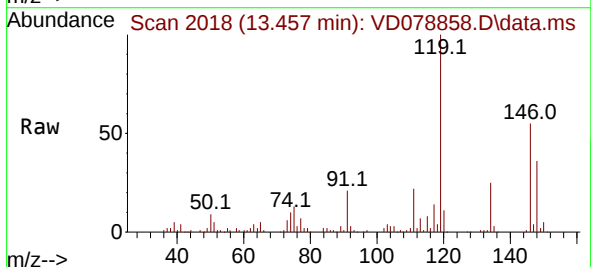
Manual Integrations
 APPROVED

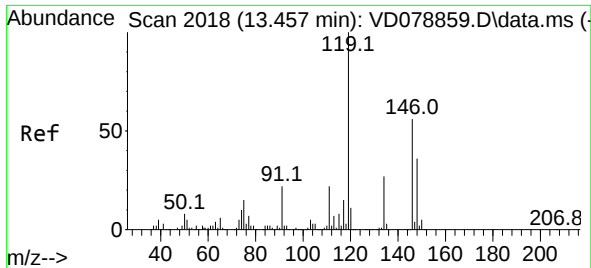
Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024



#86
 p-Isopropyltoluene
 Concen: 18.080 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078858.D
 Acq: 01 May 2024 12:44

Tgt Ion:119 Resp: 125739
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.4 10.4 31.2





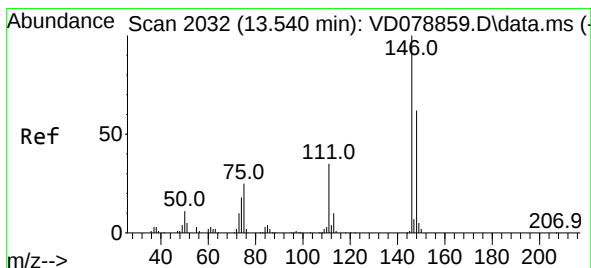
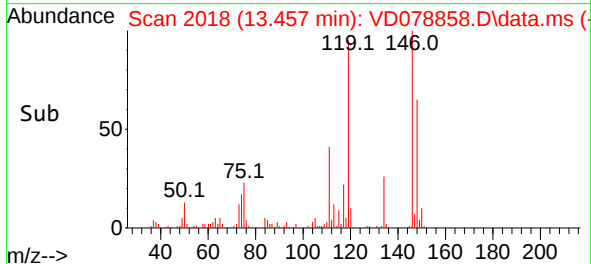
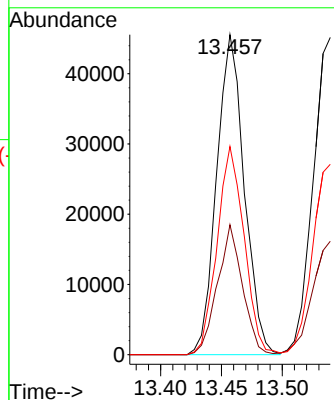
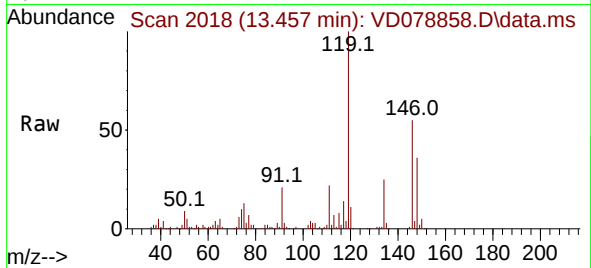
#87
1,3-Dichlorobenzene
Concen: 18.099 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 72000
Ion Ratio Lower Upper
146 100
111 36.8 18.2 54.6
148 63.8 31.1 93.5

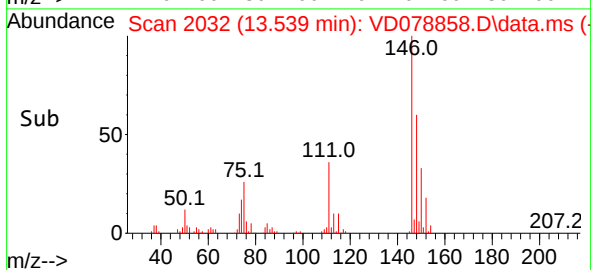
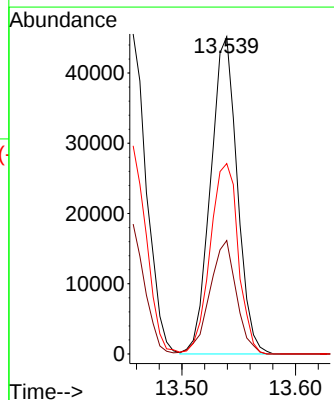
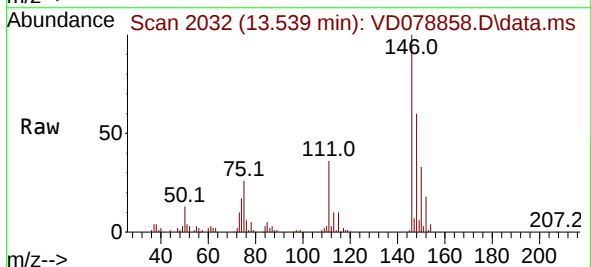
Manual Integrations
APPROVED

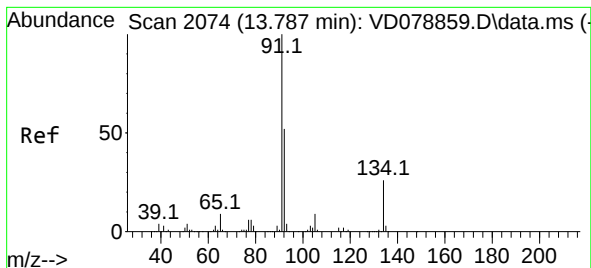
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#88
1,4-Dichlorobenzene
Concen: 18.706 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:146 Resp: 73665
Ion Ratio Lower Upper
146 100
111 35.9 17.8 53.3
148 63.2 32.4 97.0





#89

n-Butylbenzene

Concen: 18.236 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

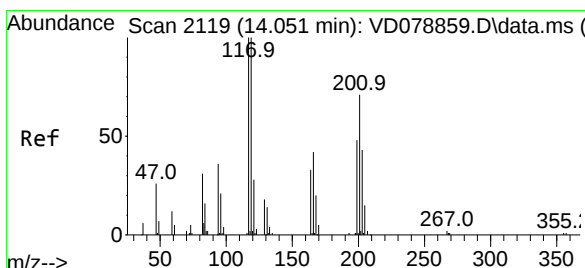
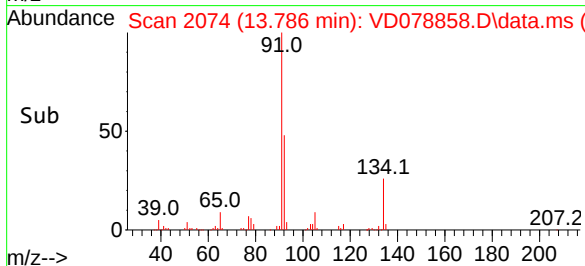
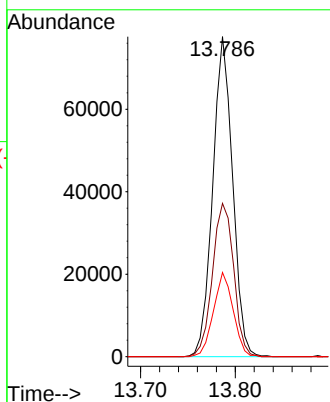
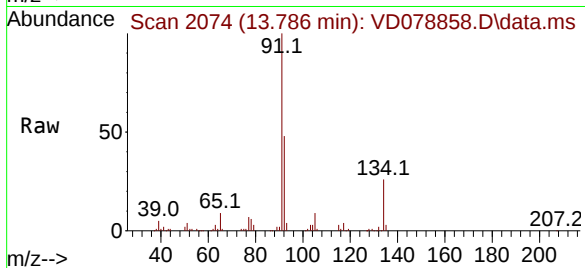
VSTDICC020

Tgt Ion:	91	Resp:	11306
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.4	79.0
134	26.1	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#90

Hexachloroethane

Concen: 18.264 ug/l

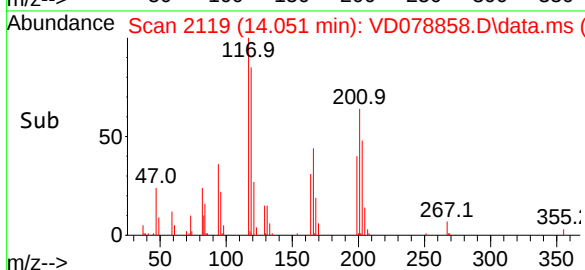
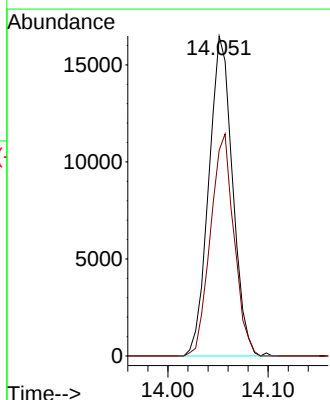
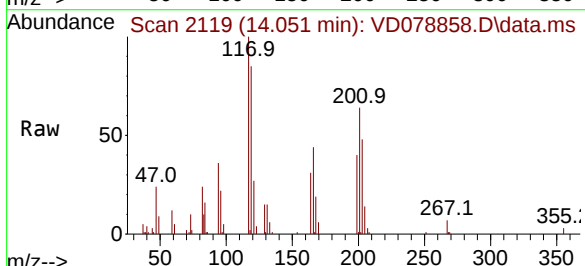
RT: 14.051 min Scan# 2119

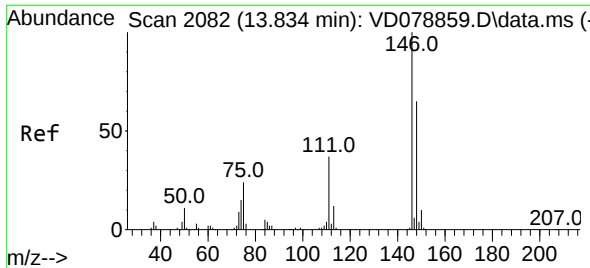
Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Tgt Ion:	117	Resp:	27174
Ion Ratio	Lower	Upper	
117	100		
201	68.7	36.2	108.6





#91

1,2-Dichlorobenzene

Concen: 18.592 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 63300

Ion Ratio Lower Upper

146 100

111 37.2 18.6 56.0

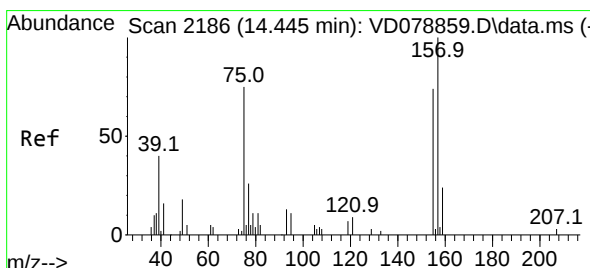
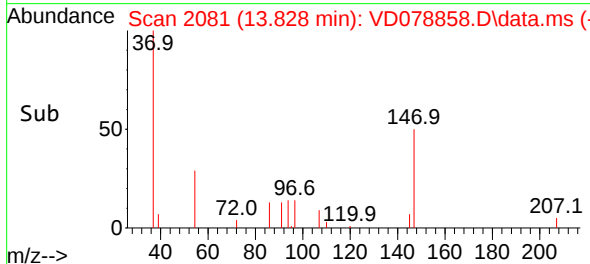
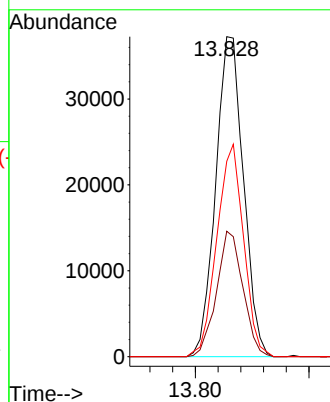
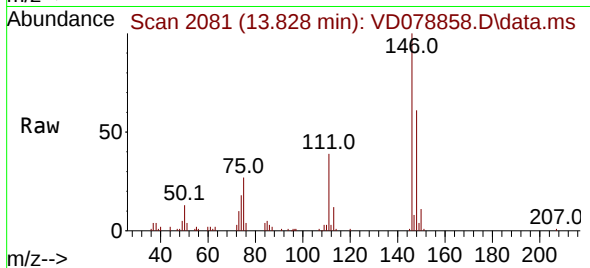
148 63.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.495 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078858.D

Acq: 01 May 2024 12:44

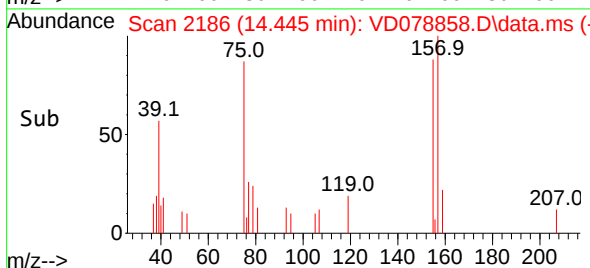
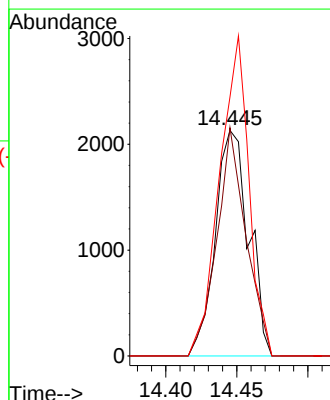
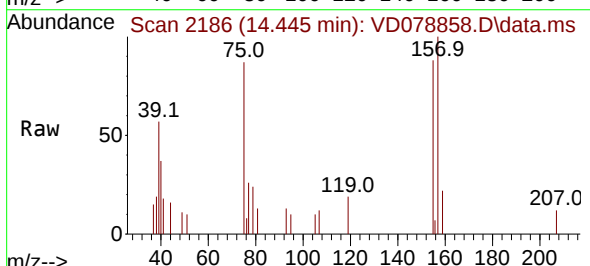
Tgt Ion: 75 Resp: 3488

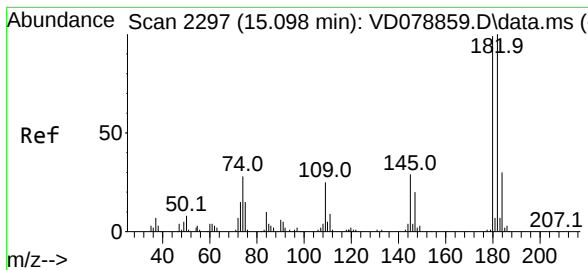
Ion Ratio Lower Upper

75 100

155 88.2 49.8 149.3

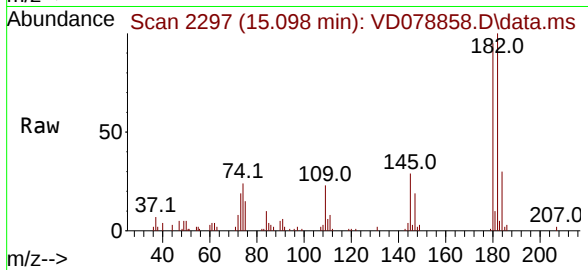
157 124.4 65.5 196.3





#93
1,2,4-Trichlorobenzene
Concen: 17.277 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

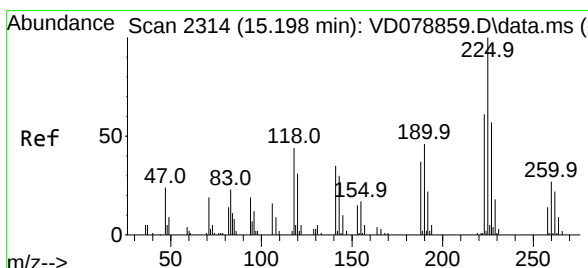
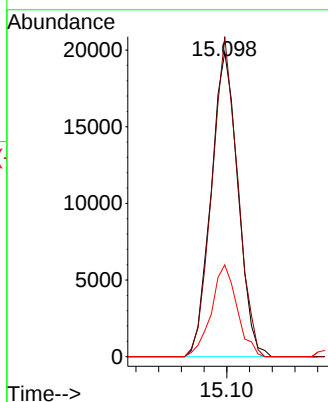
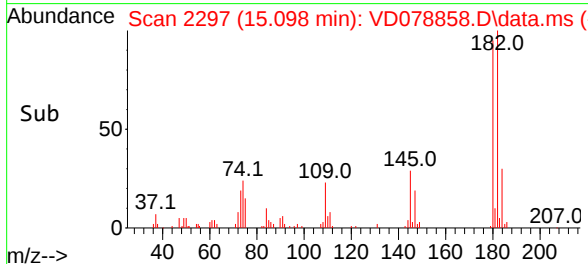
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



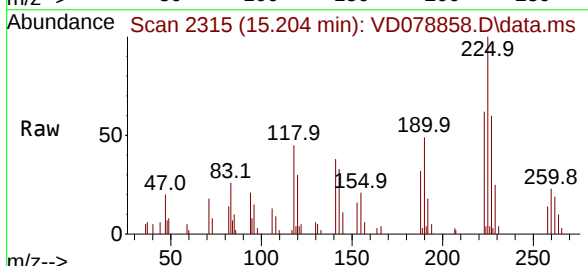
Tgt Ion:180 Resp: 3267
Ion Ratio Lower Upper
180 100
182 100.1 49.7 149.1
145 28.8 14.6 44.0

Manual Integrations
APPROVED

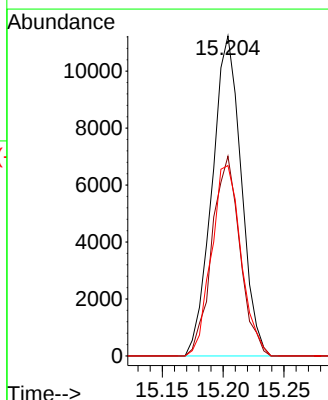
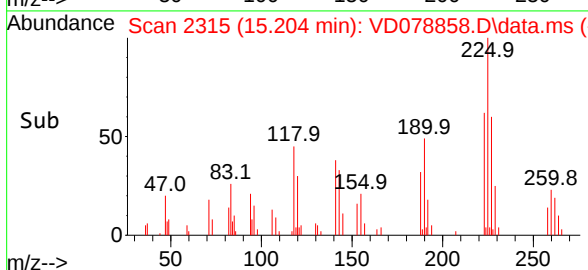
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

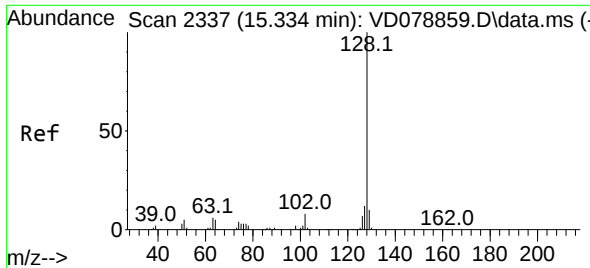


#94
Hexachlorobutadiene
Concen: 19.301 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44



Tgt Ion:225 Resp: 18701
Ion Ratio Lower Upper
225 100
223 60.1 31.9 95.7
227 60.5 32.0 96.0





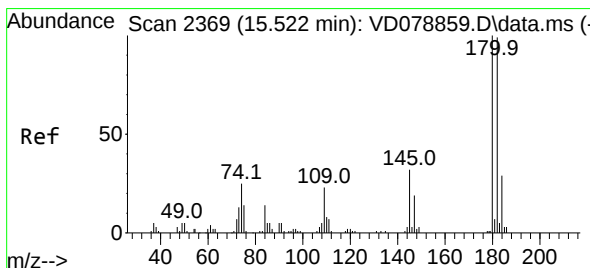
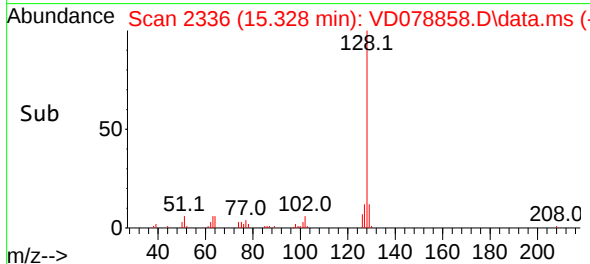
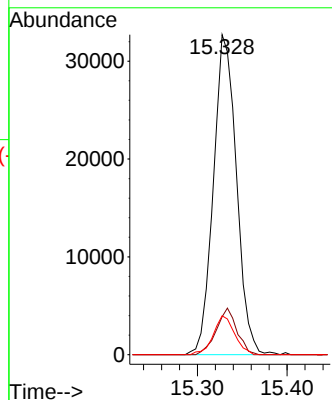
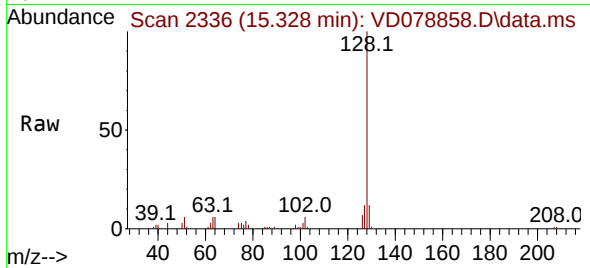
#95
Naphthalene
Concen: 17.157 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 5846
Ion Ratio Lower Upper
128 100
127 11.8 9.3 13.9
129 12.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.879 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078858.D
Acq: 01 May 2024 12:44

Tgt Ion:180 Resp: 28282
Ion Ratio Lower Upper
180 100
182 99.5 46.7 140.1
145 33.9 14.4 43.4

