

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078658.D
 Acq On : 14 Mar 2024 10:28
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10837	9.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.660%#		
35) Dibromofluoromethane	7.810	113	12514	9.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.300%#		
50) Toluene-d8	10.269	98	44810	8.908	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	17.820%#		
62) 4-Bromofluorobenzene	12.569	95	12873	8.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	17.500%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12576	10.905	ug/l	89
3) Chloromethane	2.152	50	19344	10.624	ug/l	100
4) Vinyl Chloride	2.287	62	28780	10.714	ug/l	98
5) Bromomethane	2.699	94	27911	10.853	ug/l	95
6) Chloroethane	2.846	64	21741	10.379	ug/l	99
7) Trichlorofluoromethane	3.181	101	22773	10.717	ug/l	98
8) Diethyl Ether	3.599	74	6331	10.204	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	14535	10.899	ug/l #	43
10) Methyl Iodide	4.170	142	15278	9.685	ug/l	96
11) Tert butyl alcohol	5.040	59	2317m	44.586	ug/l	
12) 1,1-Dichloroethene	3.940	96	13269	10.466	ug/l	92
13) Acrolein	3.805	56	4577	56.224	ug/l	98
14) Allyl chloride	4.564	41	15101	10.675	ug/l	96
15) Acrylonitrile	5.264	53	12582	50.306	ug/l	95
16) Acetone	4.034	43	11056	49.237	ug/l	95
17) Carbon Disulfide	4.281	76	44962	10.818	ug/l	99
18) Methyl Acetate	4.564	43	4254	8.828	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	24972	9.767	ug/l	98
20) Methylene Chloride	4.811	84	22677	11.015	ug/l #	93
21) trans-1,2-Dichloroethene	5.328	96	15132	10.115	ug/l	87
22) Diisopropyl ether	6.228	45	33911	10.544	ug/l #	95
23) Vinyl Acetate	6.158	43	91531	48.653	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	26130	10.836	ug/l	97
25) 2-Butanone	7.087	43	14999	50.242	ug/l	90
26) 2,2-Dichloropropane	7.081	77	21001	10.294	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	17369	10.180	ug/l	98
28) Bromochloromethane	7.422	49	8847	10.291	ug/l	95
29) Tetrahydrofuran	7.452	42	7712	47.495	ug/l	99
30) Chloroform	7.599	83	30056	11.179	ug/l	94
31) Cyclohexane	7.881	56	21277	10.901	ug/l #	92
32) 1,1,1-Trichloroethane	7.799	97	23574	10.334	ug/l	97
36) 1,1-Dichloropropene	8.010	75	19855	10.005	ug/l	95
37) Ethyl Acetate	7.175	43	6553	10.107	ug/l #	94
38) Carbon Tetrachloride	7.993	117	22427	10.719	ug/l	95
39) Methylcyclohexane	9.281	83	22567	9.802	ug/l	96
40) Benzene	8.252	78	62113	10.354	ug/l	99

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Quant Time: Mar 15 05:25:07 2024
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 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	3799m	10.759	ug/l	
42) 1,2-Dichloroethane	8.328	62	14803	10.118	ug/l	99
43) Isopropyl Acetate	8.363	43	11926	10.115	ug/l #	80
44) Trichloroethene	9.028	130	16789	10.312	ug/l	90
45) 1,2-Dichloropropane	9.305	63	15431	10.843	ug/l	99
46) Dibromomethane	9.399	93	8720	10.222	ug/l	98
47) Bromodichloromethane	9.587	83	20951	10.316	ug/l	95
48) Methyl methacrylate	9.387	41	5981	10.411	ug/l	91
49) 1,4-Dioxane	9.381	88	1483	187.753	ug/l #	62
51) 4-Methyl-2-Pentanone	10.163	43	29045	47.120	ug/l	98
52) Toluene	10.334	92	38149	9.877	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	18622	10.029	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	21466	9.617	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	11785	10.316	ug/l #	82
56) Ethyl methacrylate	10.599	69	10248	8.948	ug/l	94
57) 1,3-Dichloropropane	10.881	76	18540	10.058	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	23899	47.327	ug/l	98
59) 2-Hexanone	10.922	43	21664	47.410	ug/l	94
60) Dibromochloromethane	11.075	129	14433	10.245	ug/l	99
61) 1,2-Dibromoethane	11.181	107	11335	10.253	ug/l	98
64) Tetrachloroethene	10.810	164	13440	10.233	ug/l	97
65) Chlorobenzene	11.604	112	43963	10.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	14913	9.818	ug/l	93
67) Ethyl Benzene	11.681	91	66223	9.370	ug/l	99
68) m/p-Xylenes	11.793	106	54388	18.952	ug/l	98
69) o-Xylene	12.122	106	24321	9.160	ug/l	96
70) Styrene	12.134	104	40310	9.045	ug/l	96
71) Bromoform	12.293	173	8198	9.987	ug/l #	92
73) Isopropylbenzene	12.422	105	63420	9.896	ug/l	99
74) N-amyl acetate	12.234	43	10113	9.719	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	12753	10.750	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	8329m	11.129	ug/l	
77) Bromobenzene	12.704	156	15830	9.960	ug/l	93
78) n-propylbenzene	12.763	91	77635	9.952	ug/l	100
79) 2-Chlorotoluene	12.846	91	43672	10.205	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	51357	9.691	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3635	10.161	ug/l	92
82) 4-Chlorotoluene	12.946	91	46670	10.311	ug/l	99
83) tert-Butylbenzene	13.169	119	44047	9.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	52387	9.809	ug/l	98
85) sec-Butylbenzene	13.345	105	67682	9.787	ug/l	100
86) p-Isopropyltoluene	13.463	119	56103	9.477	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	32799	9.779	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	33541	10.148	ug/l	97
89) n-Butylbenzene	13.787	91	52557	9.830	ug/l	98
90) Hexachloroethane	14.057	117	12803	10.452	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	29717	10.288	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1596	10.056	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	15626	9.269	ug/l	98
94) Hexachlorobutadiene	15.204	225	9262	10.148	ug/l	95
95) Naphthalene	15.334	128	26227	8.948	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.522	180	14017	9.611	ug/l	98

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ClientSampleId :
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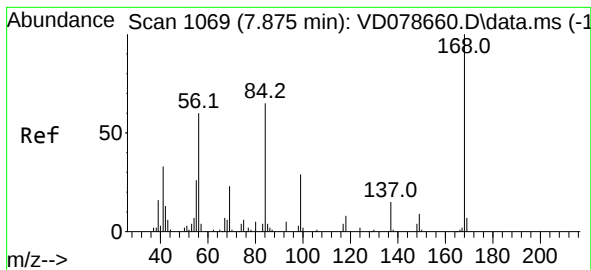
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:25:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:17:07 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: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:168 Resp: 12390

Ion Ratio Lower Upper

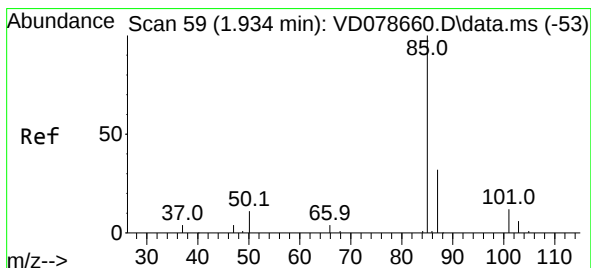
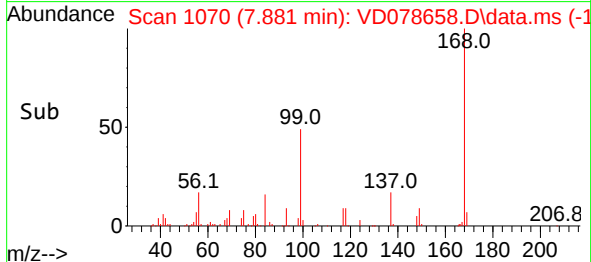
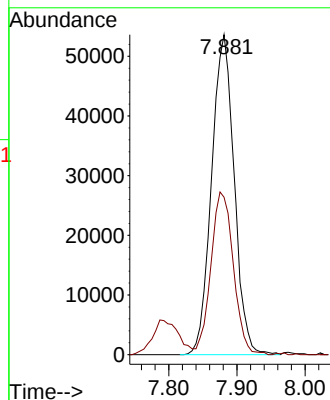
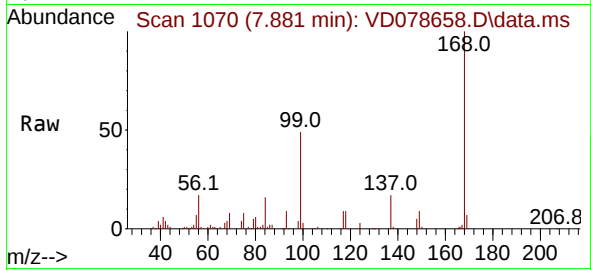
168 100

99 48.9 38.8 58.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#2

Dichlorodifluoromethane

Concen: 10.905 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078658.D

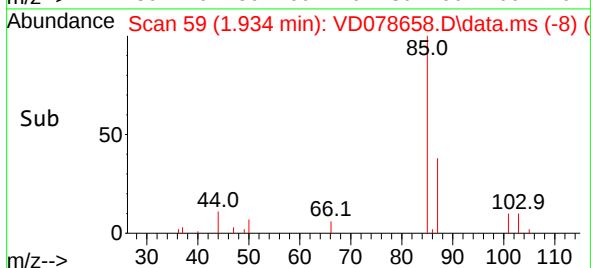
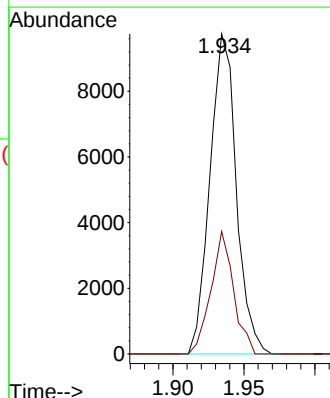
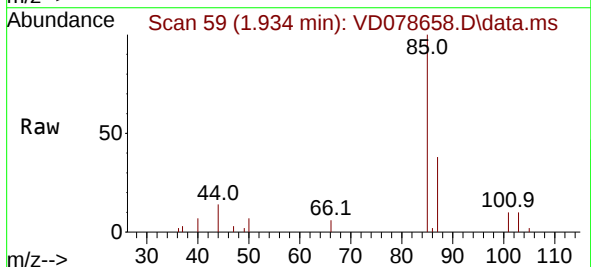
Acq: 14 Mar 2024 10:28

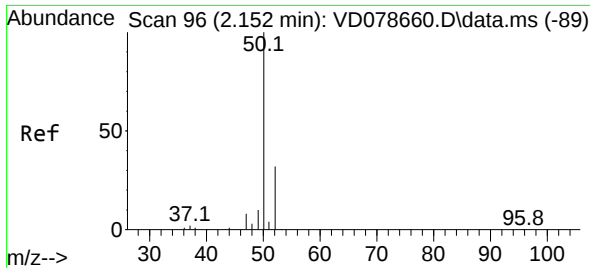
Tgt Ion: 85 Resp: 12576

Ion Ratio Lower Upper

85 100

87 38.3 16.2 48.5





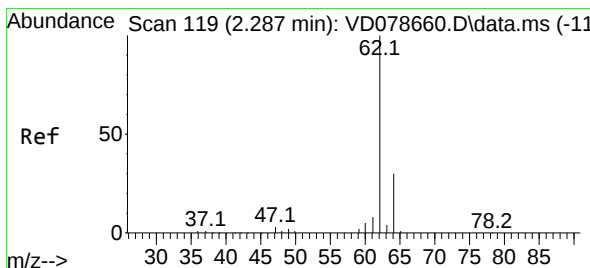
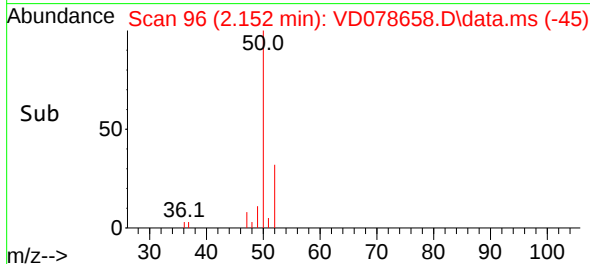
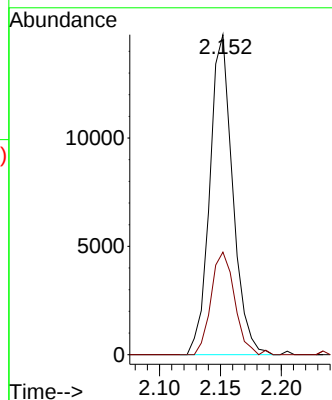
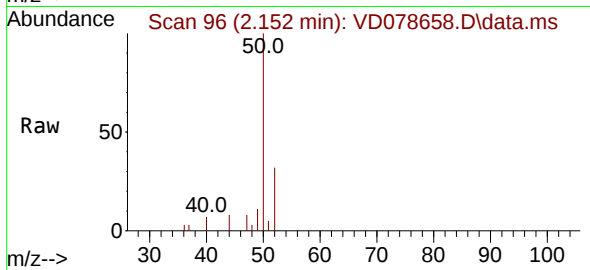
#3
Chloromethane
Concen: 10.624 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 19344
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4

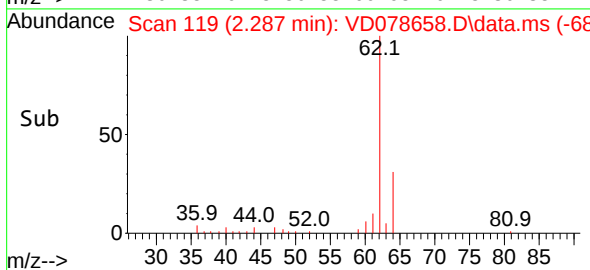
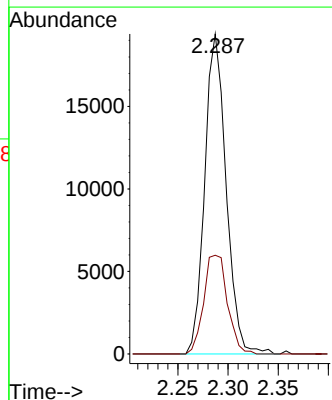
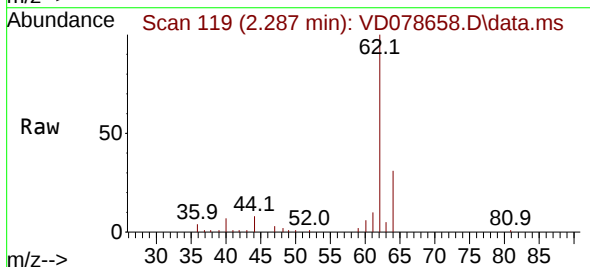
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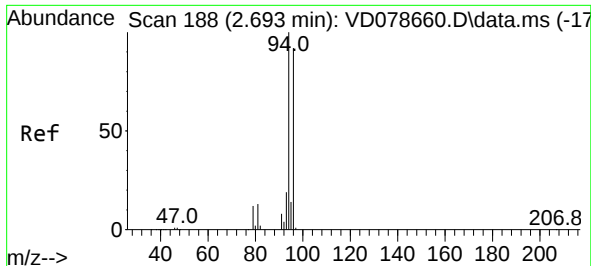
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#4
Vinyl Chloride
Concen: 10.714 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 62 Resp: 28780
Ion Ratio Lower Upper
62 100
64 30.8 23.7 35.5





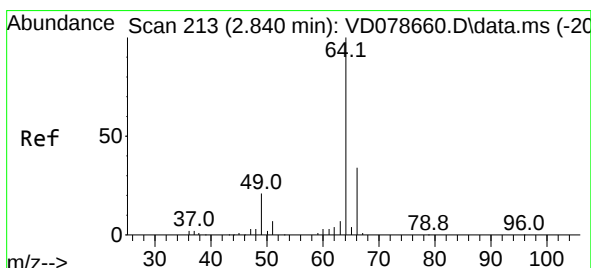
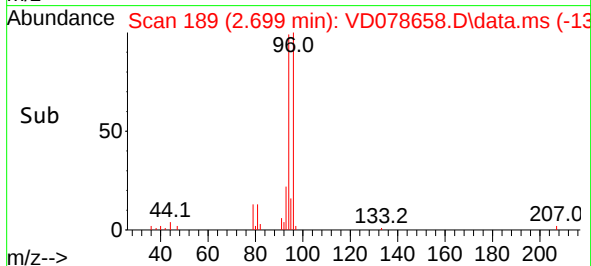
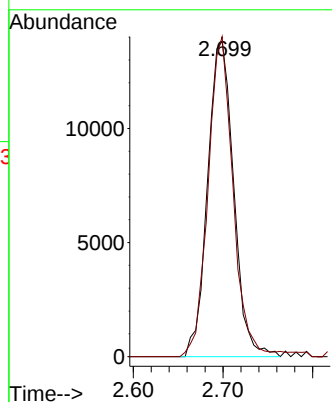
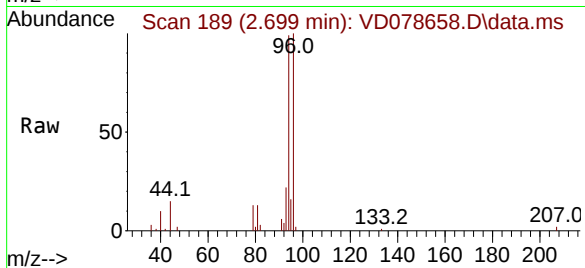
#5
Bromomethane
Concen: 10.853 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

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Tgt Ion: 94 Resp: 2791
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3

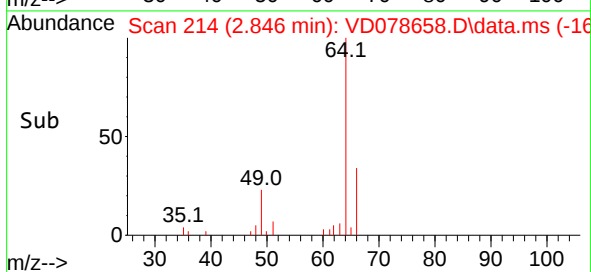
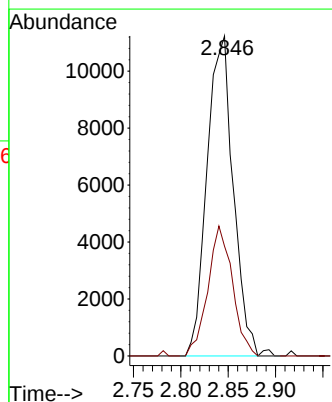
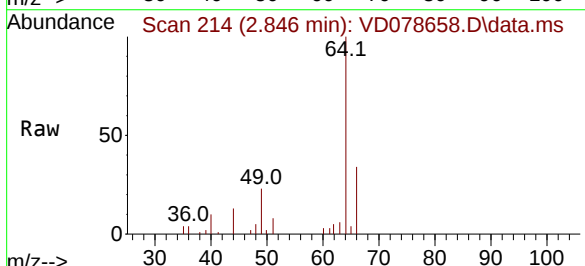
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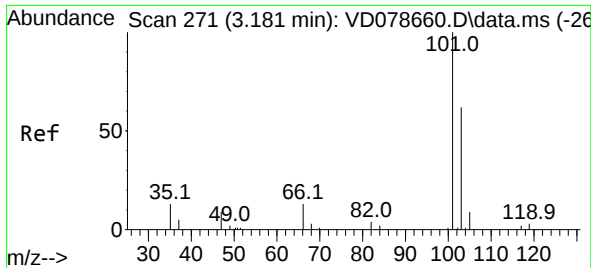
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#6
Chloroethane
Concen: 10.379 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

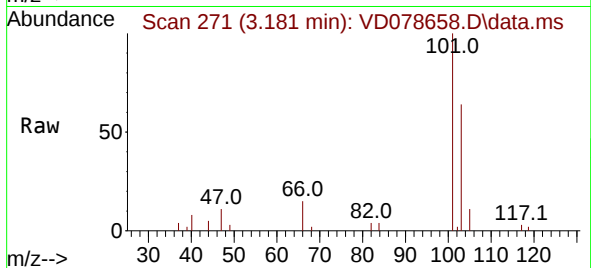
Tgt Ion: 64 Resp: 21741
Ion Ratio Lower Upper
64 100
66 34.3 26.8 40.2





#7
Trichlorofluoromethane
Concen: 10.717 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

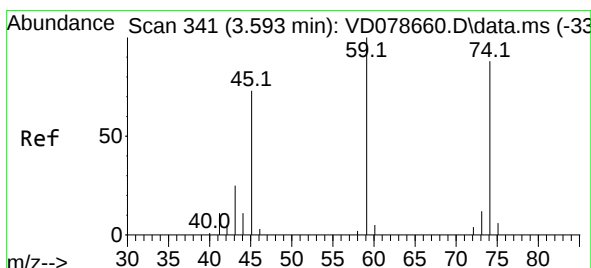
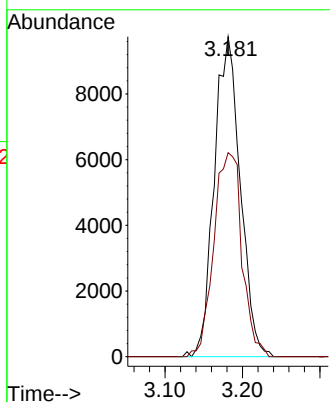
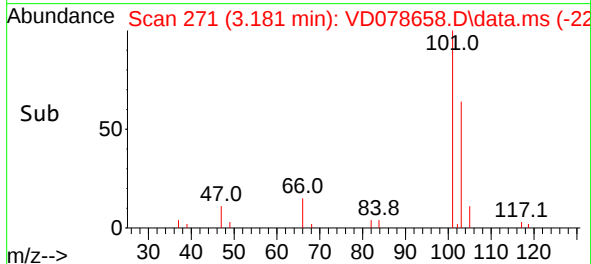
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:101 Resp: 2277
Ion Ratio Lower Upper
101 100
103 63.7 49.7 74.5

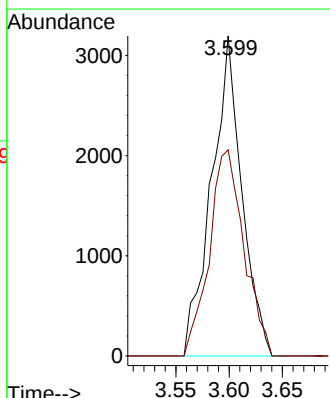
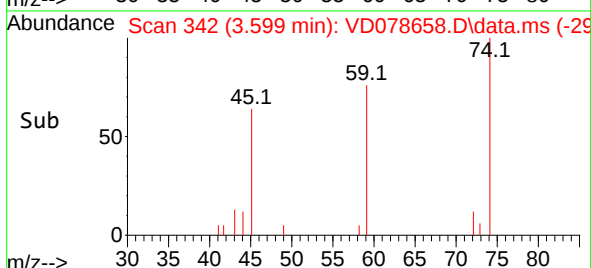
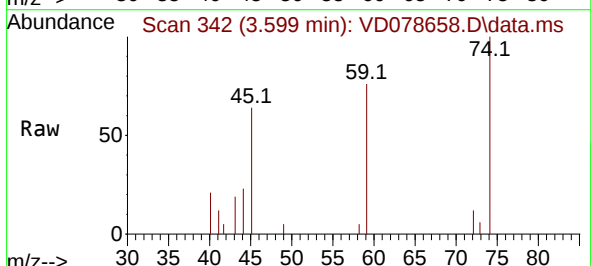
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#8
Diethyl Ether
Concen: 10.204 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 74 Resp: 6331
Ion Ratio Lower Upper
74 100
45 73.5 42.4 127.3





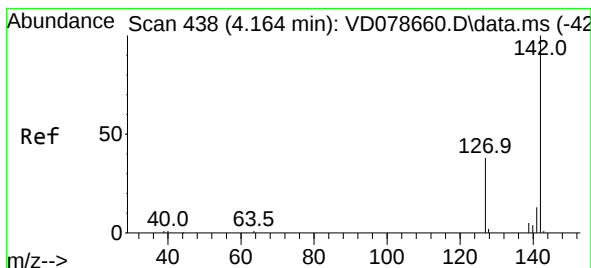
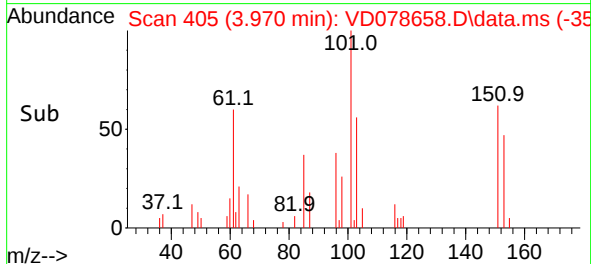
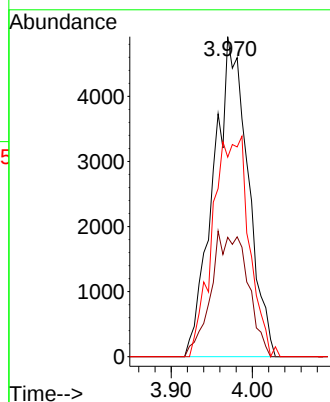
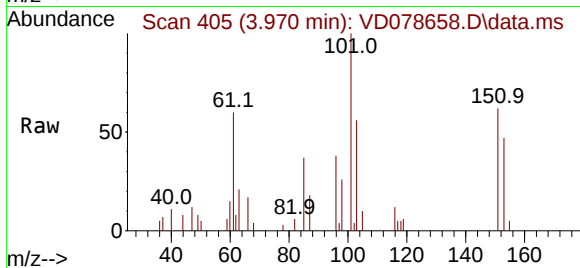
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.899 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
85 41.1 35.8 53.6
151 0.0 59.4 89.2

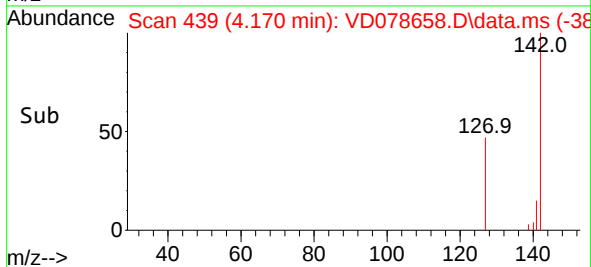
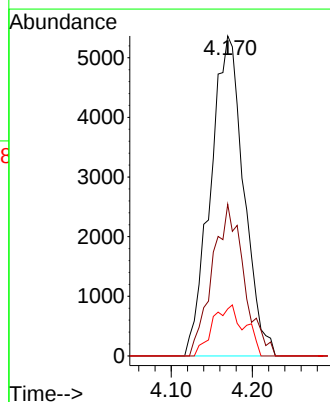
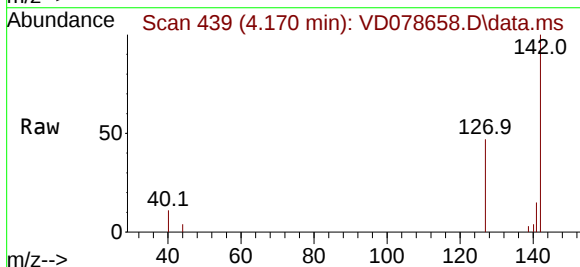
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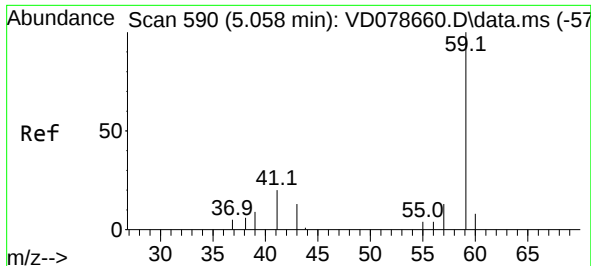
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#10
Methyl Iodide
Concen: 9.685 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:142 Resp: 15278
Ion Ratio Lower Upper
142 100
127 45.3 33.5 50.3
141 15.4 11.7 17.5





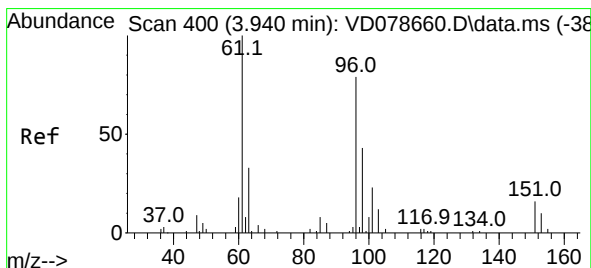
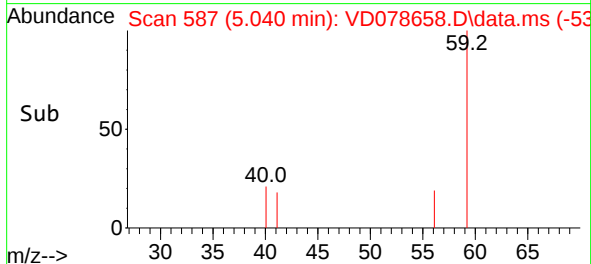
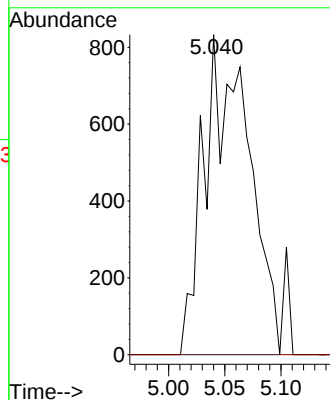
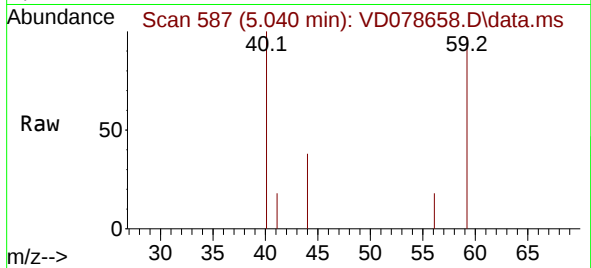
#11
Tert butyl alcohol
Concen: 44.586 ug/l m
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0

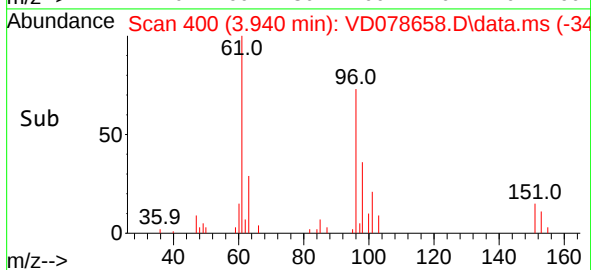
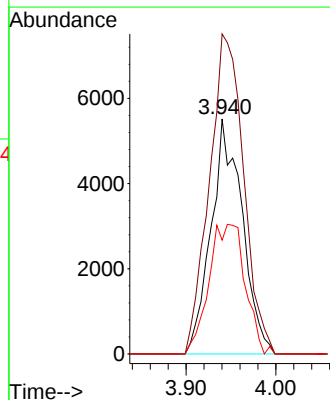
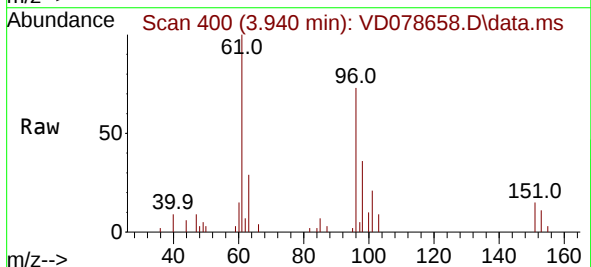
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#12
1,1-Dichloroethene
Concen: 10.466 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 96 Resp: 13269
Ion Ratio Lower Upper
96 100
61 136.1 101.4 152.0
98 48.4 43.4 65.0





#13

Acrolein

Concen: 56.224 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 457

Ion Ratio Lower Upper

56 100

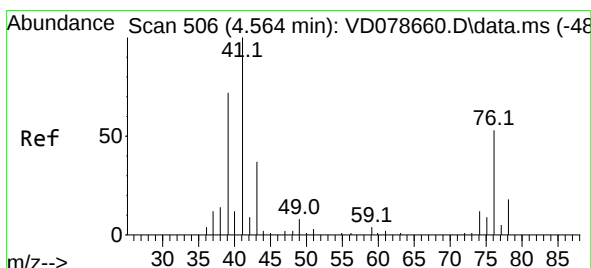
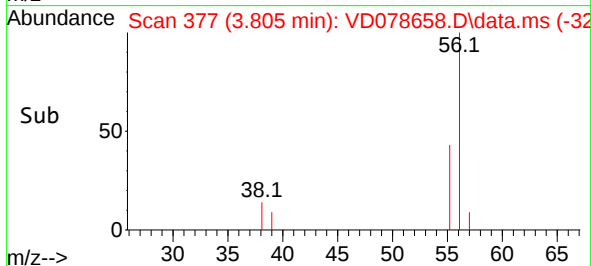
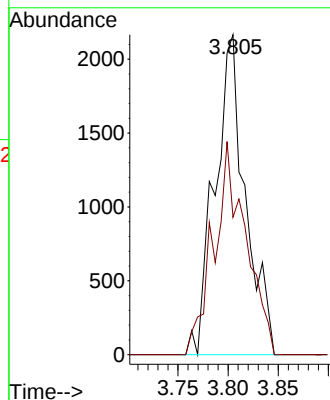
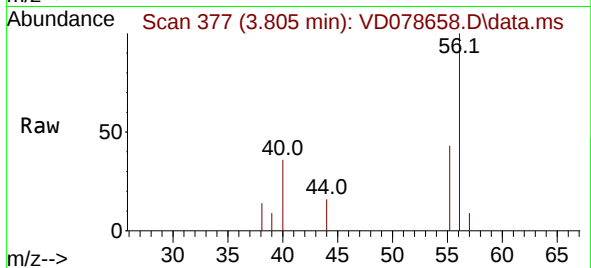
55 70.1 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#14

Allyl chloride

Concen: 10.675 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

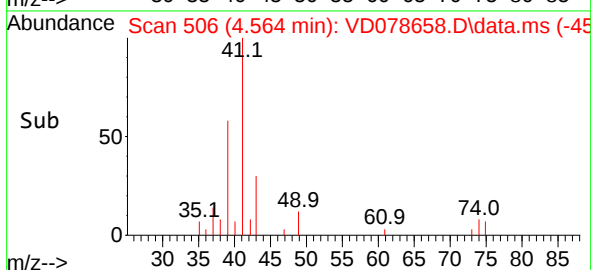
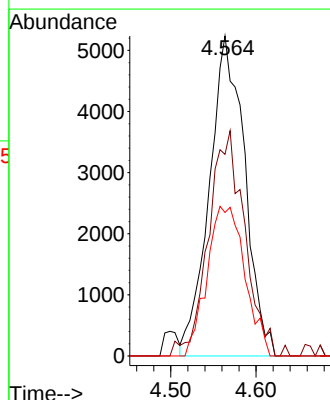
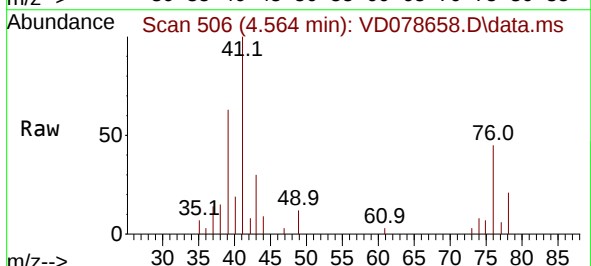
Tgt Ion: 41 Resp: 15101

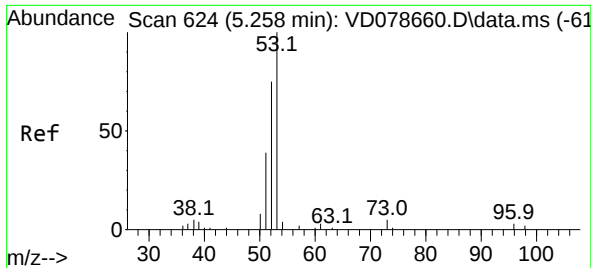
Ion Ratio Lower Upper

41 100

39 71.7 57.8 86.6

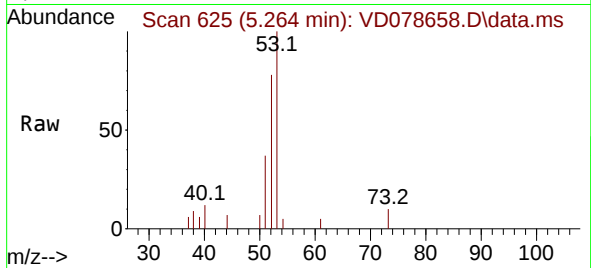
76 50.0 44.8 67.2





#15
Acrylonitrile
Concen: 50.306 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

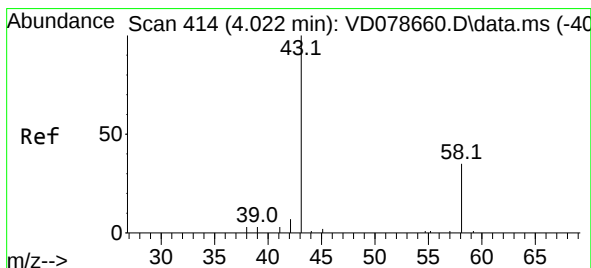
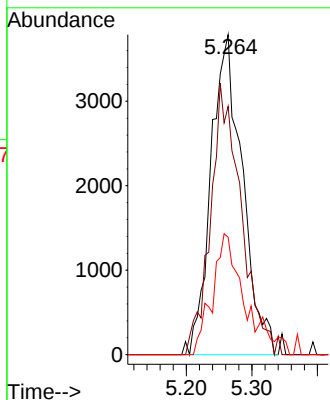
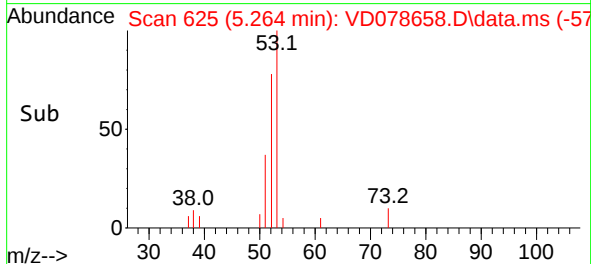
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



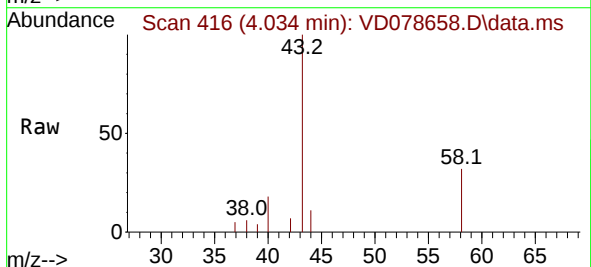
Tgt Ion: 53 Resp: 1258
Ion Ratio Lower Upper
53 100
52 82.6 61.9 92.9
51 34.7 29.0 43.4

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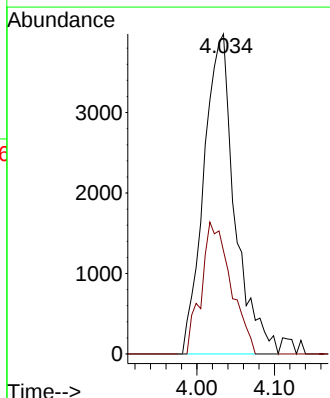
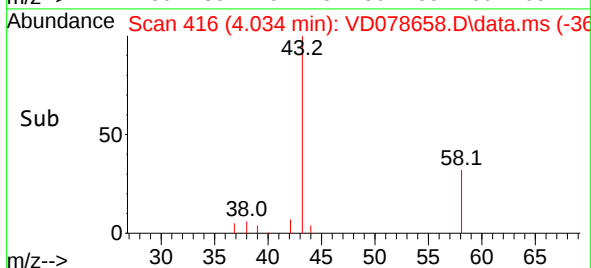
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

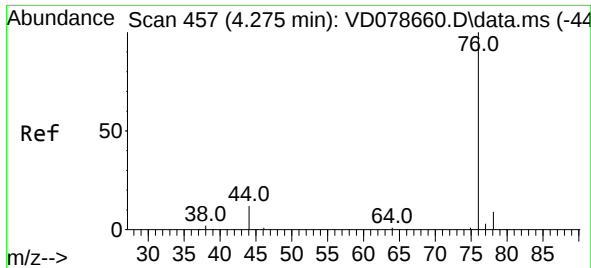


#16
Acetone
Concen: 49.237 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 43 Resp: 11056
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.4





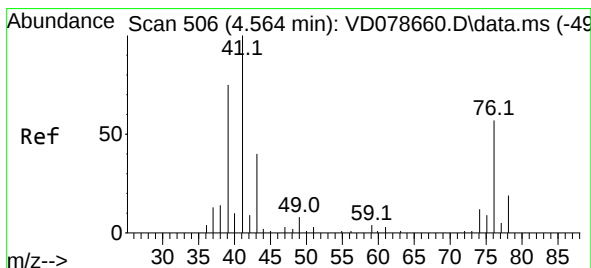
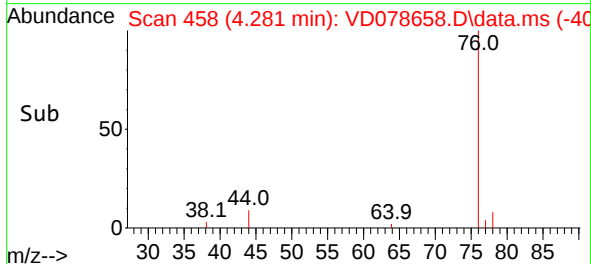
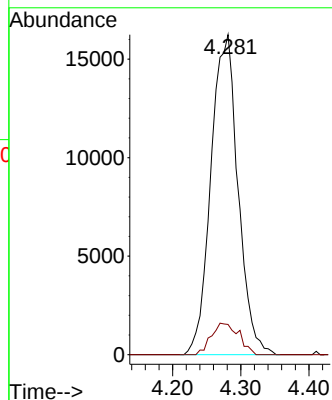
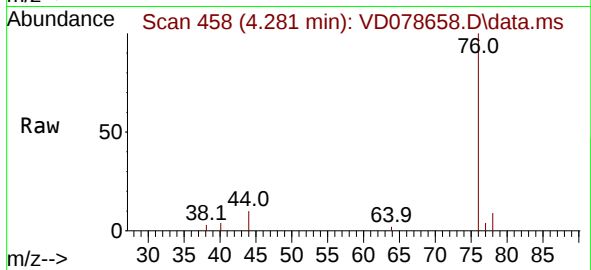
#17
Carbon Disulfide
Concen: 10.818 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 44962
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

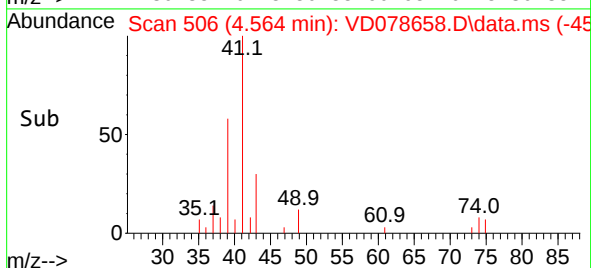
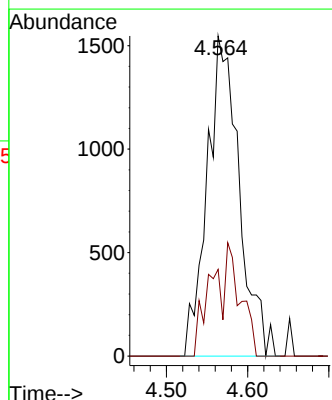
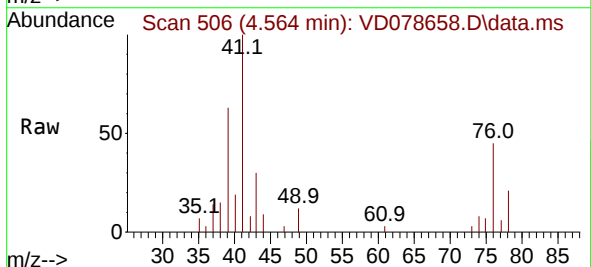
Manual Integrations
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Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#18
Methyl Acetate
Concen: 8.828 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

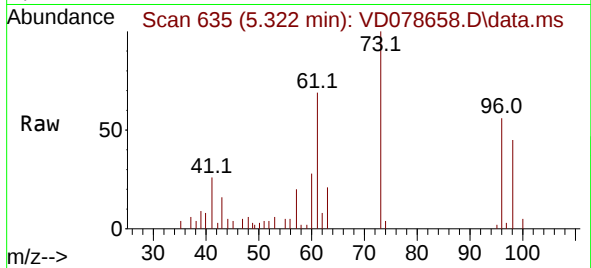
Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
74 14.9 25.3 37.9#





#19
Methyl tert-butyl Ether
Concen: 9.767 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

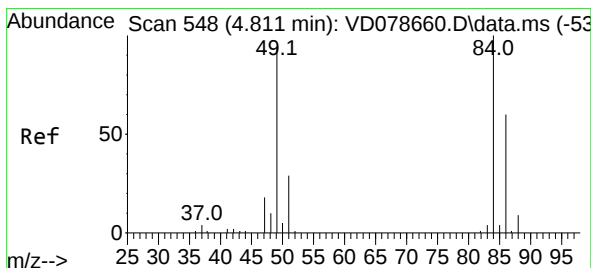
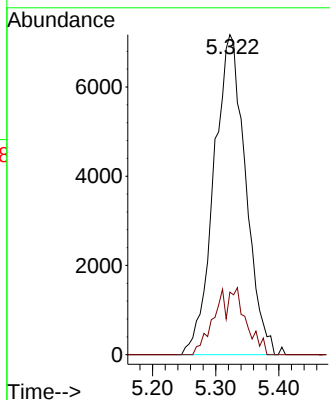
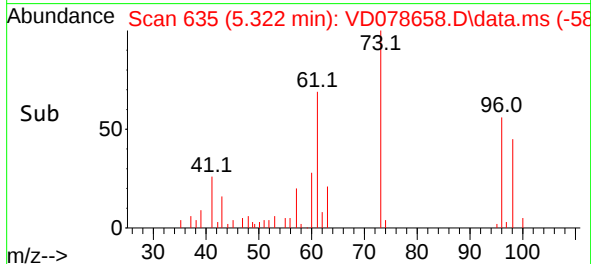
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 24972
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6

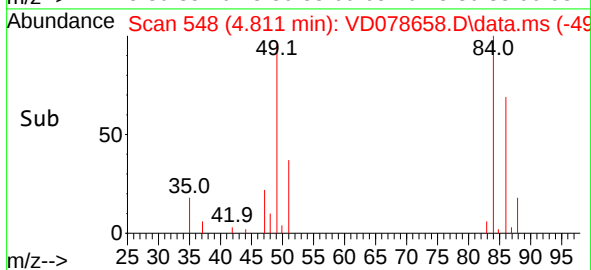
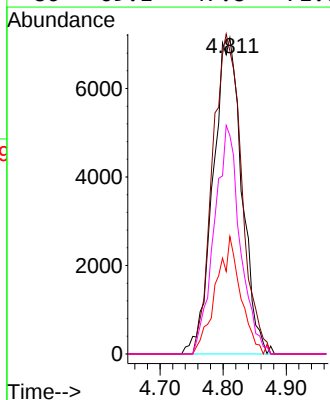
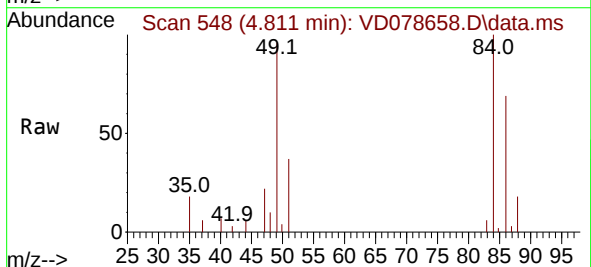
Manual Integrations
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Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#20
Methylene Chloride
Concen: 11.015 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

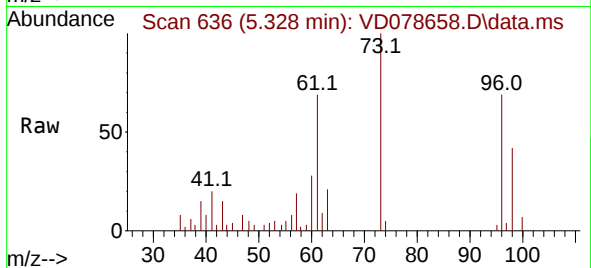
Tgt Ion: 84 Resp: 22677
Ion Ratio Lower Upper
84 100
49 95.8 75.6 113.4
51 37.1 23.4 35.0#
86 69.1 47.8 71.6





#21
trans-1,2-Dichloroethene
Concen: 10.115 ug/l
RT: 5.328 min Scan# 615
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

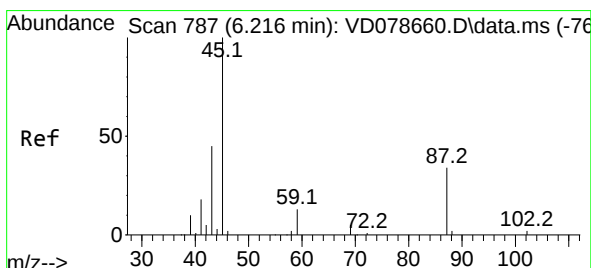
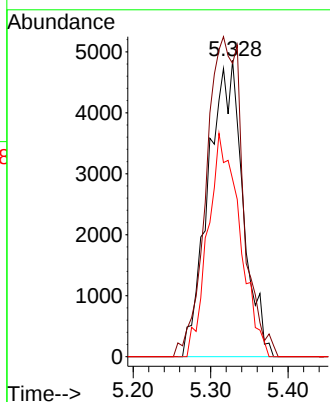
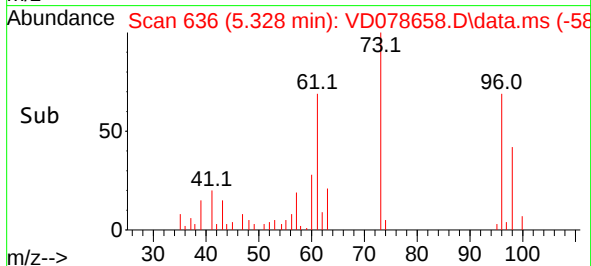
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



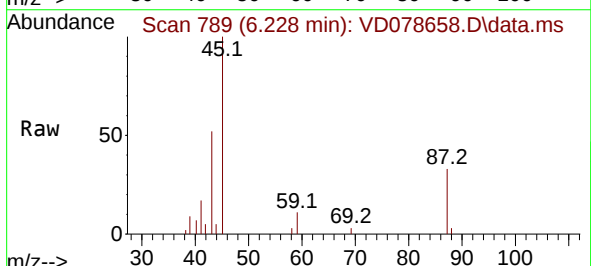
Tgt Ion: 96 Resp: 1513
Ion Ratio Lower Upper
96 100
61 99.1 96.1 144.1
98 59.9 48.9 73.3

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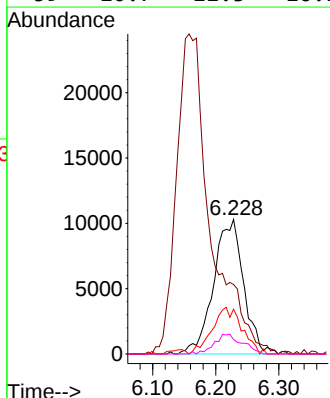
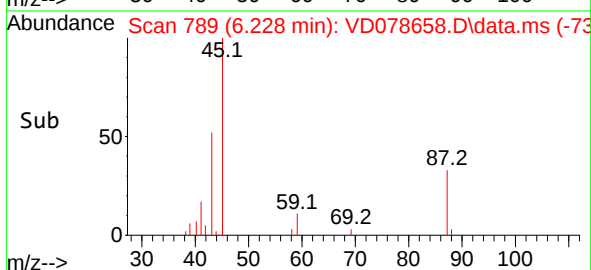
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

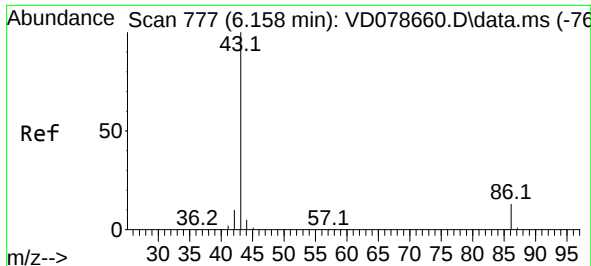


#22
Diisopropyl ether
Concen: 10.544 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



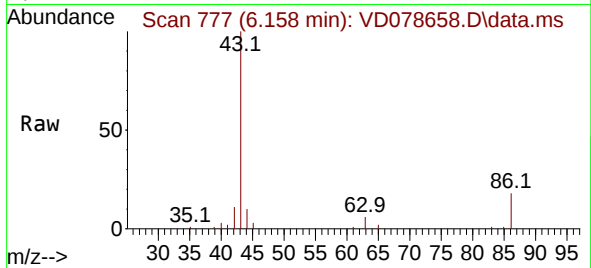
Tgt Ion: 45 Resp: 33911
Ion Ratio Lower Upper
45 100
43 51.6 44.3 66.5
87 33.2 28.3 42.5
59 10.7 11.3 16.9#





#23
 Vinyl Acetate
 Concen: 48.653 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

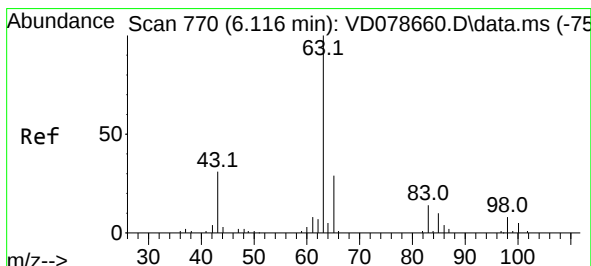
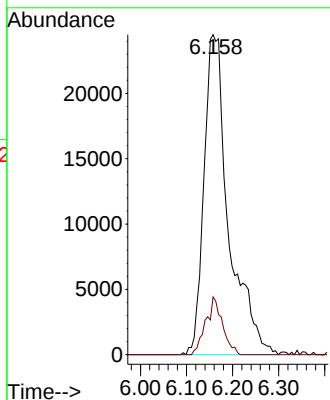
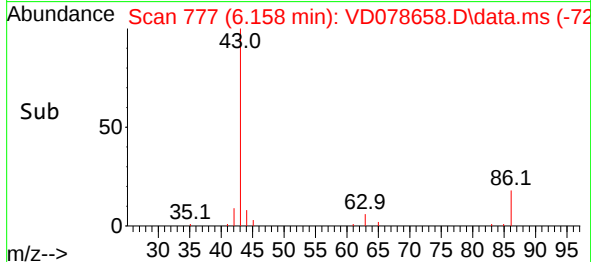
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



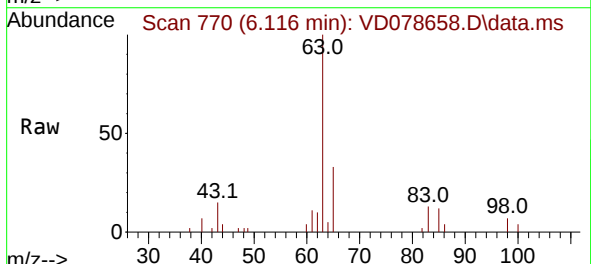
Tgt Ion: 43 Resp: 9153
 Ion Ratio Lower Upper
 43 100
 86 18.1 10.7 16.1

Manual Integrations
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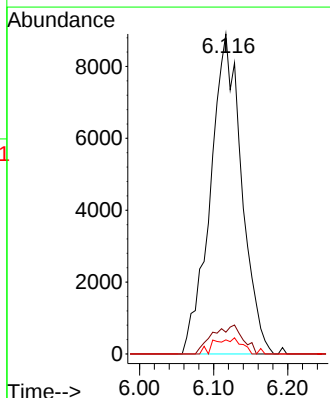
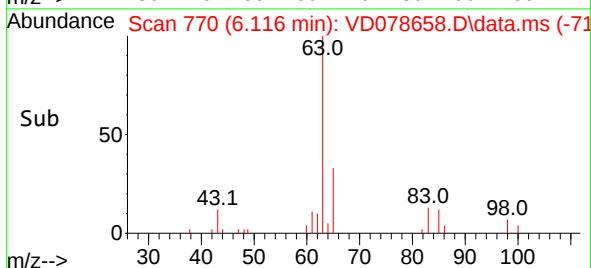
Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024



#24
 1,1-Dichloroethane
 Concen: 10.836 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28



Tgt Ion: 63 Resp: 26130
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 11.9
 100 4.4 2.7 8.1





#25

2-Butanone

Concen: 50.242 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 1499

Ion Ratio Lower Upper

43 100

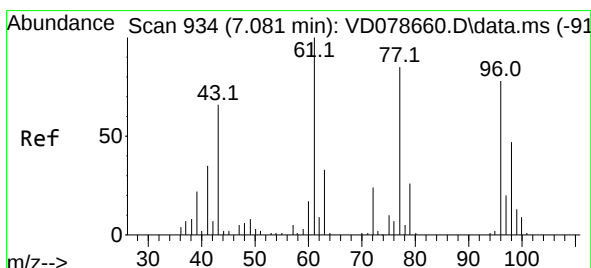
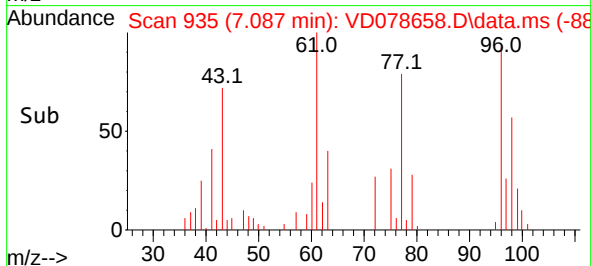
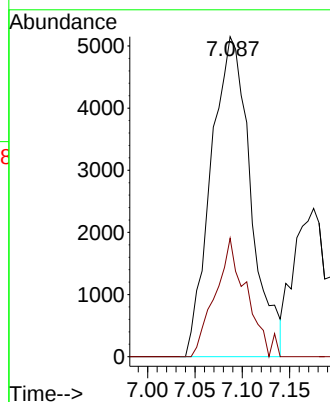
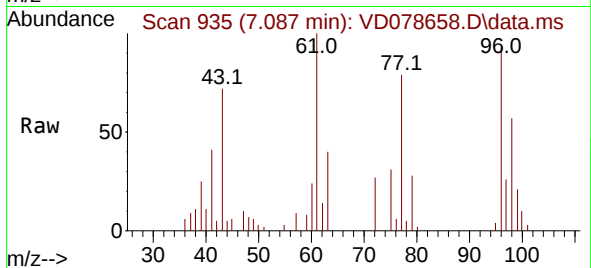
72 37.0 25.0 37.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#26

2,2-Dichloropropane

Concen: 10.294 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078658.D

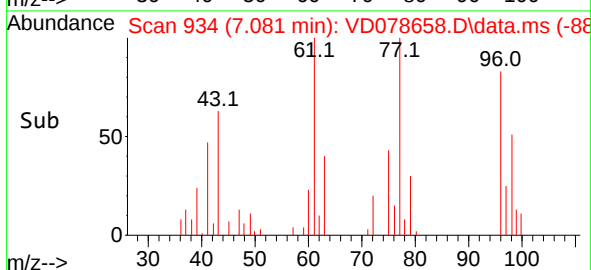
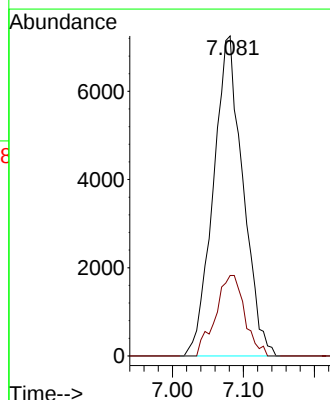
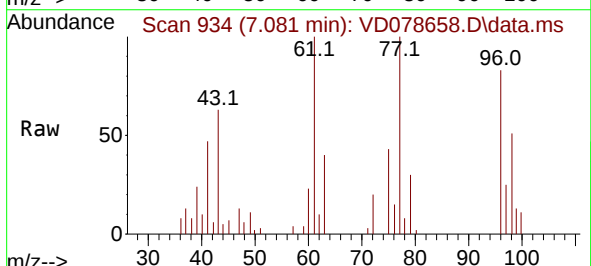
Acq: 14 Mar 2024 10:28

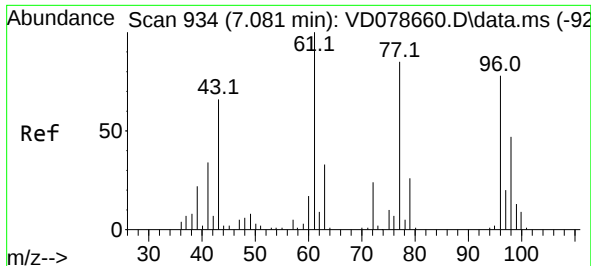
Tgt Ion: 77 Resp: 21001

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 10.180 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 17369

Ion Ratio Lower Upper

96 100

61 121.3 0.0 245.0

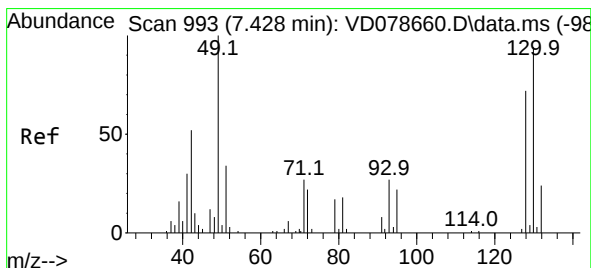
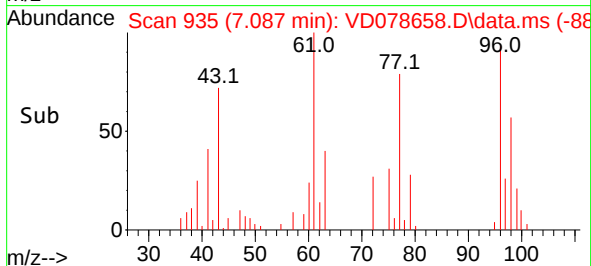
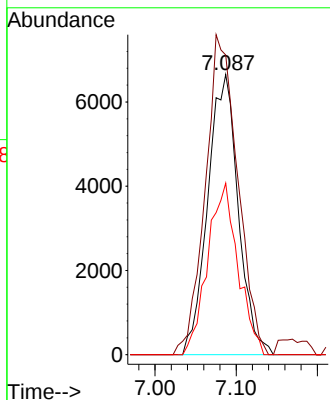
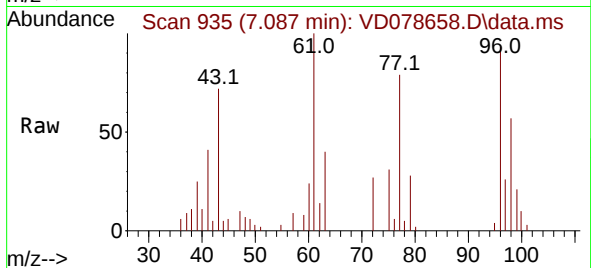
98 60.8 0.0 126.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#28

Bromochloromethane

Concen: 10.291 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

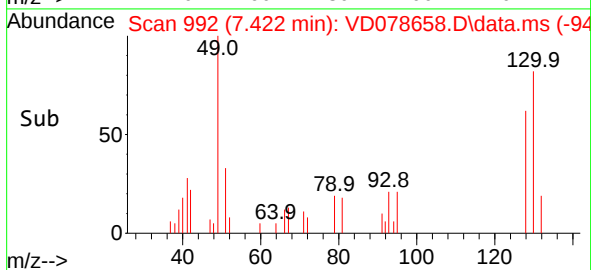
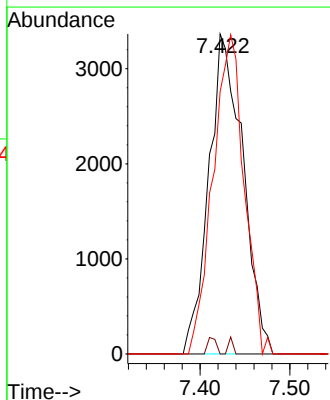
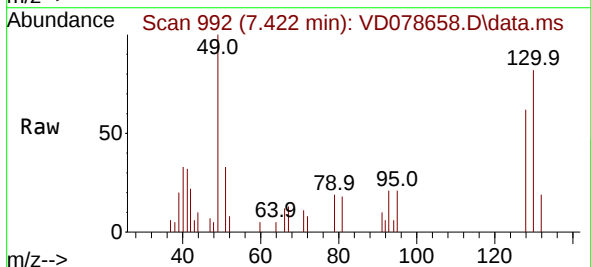
Tgt Ion: 49 Resp: 8847

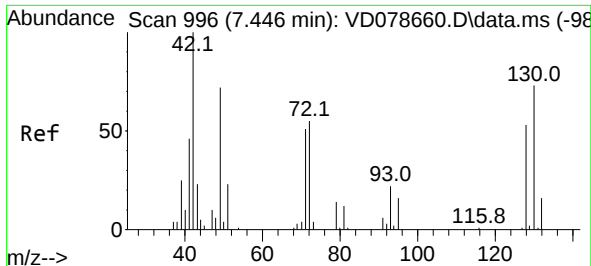
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.2

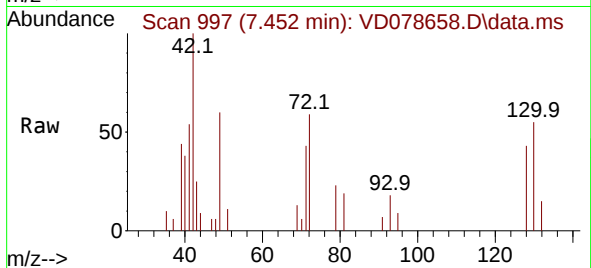
130 91.6 77.1 115.7





#29
Tetrahydrofuran
Concen: 47.495 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

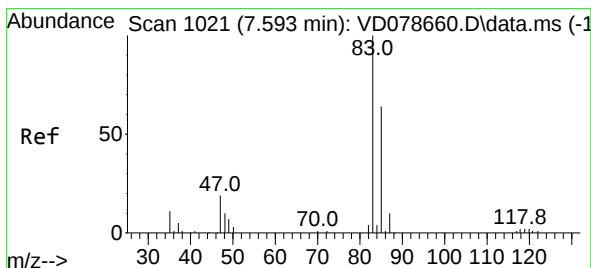
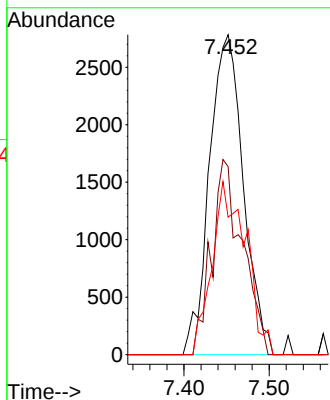
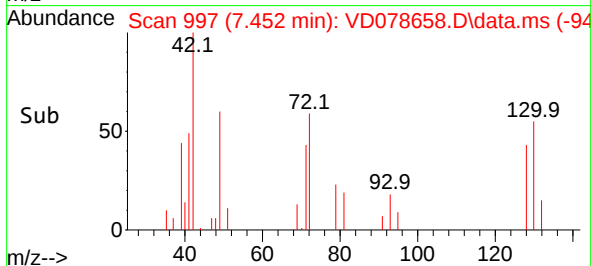
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 42 Resp: 7712
Ion Ratio Lower Upper
42 100
72 55.0 43.8 65.6
71 53.8 42.0 63.0

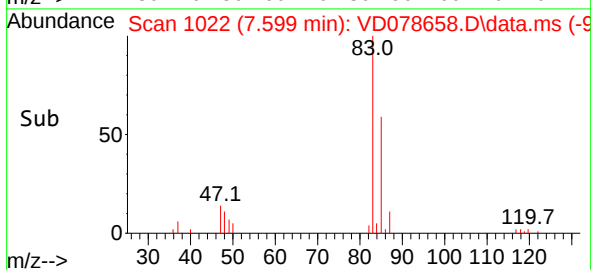
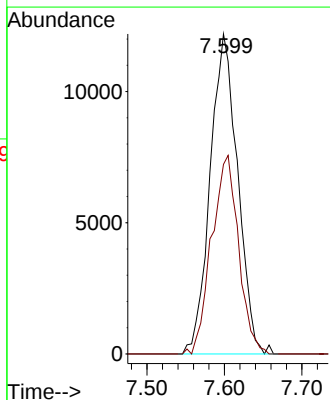
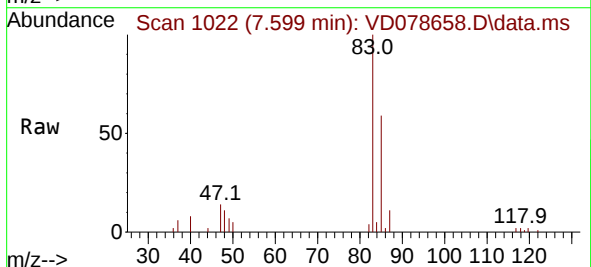
Manual Integrations
APPROVED

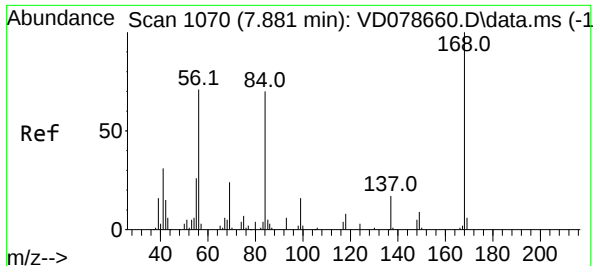
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#30
Chloroform
Concen: 11.179 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

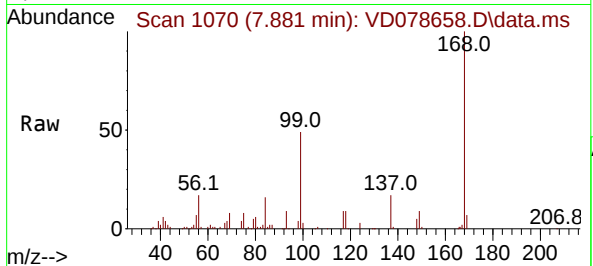
Tgt Ion: 83 Resp: 30056
Ion Ratio Lower Upper
83 100
85 59.3 51.2 76.8





#31
Cyclohexane
Concen: 10.901 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

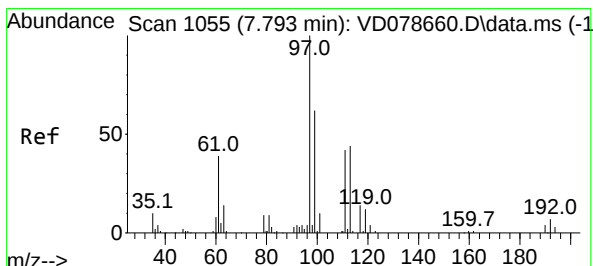
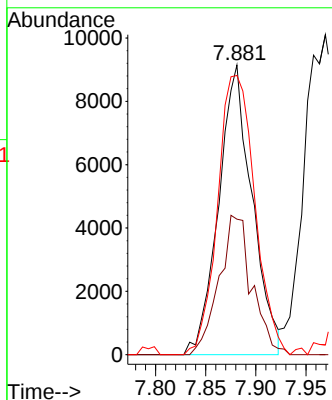
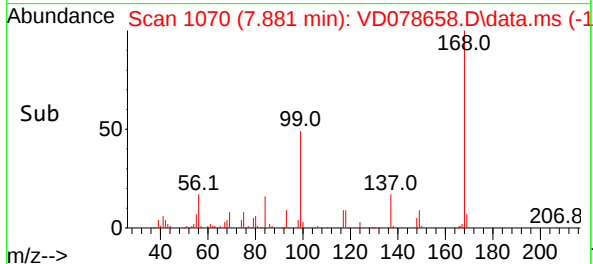
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



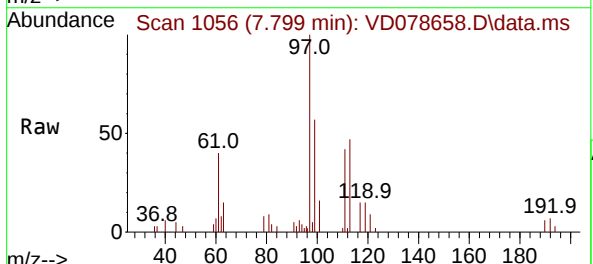
Tgt Ion: 56 Resp: 2127
Ion Ratio Lower Upper
56 100
69 46.8 26.6 40.0
84 96.4 79.4 119.2

Manual Integrations
APPROVED

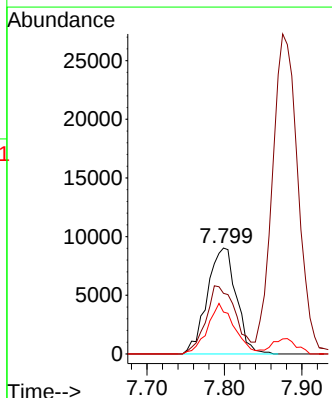
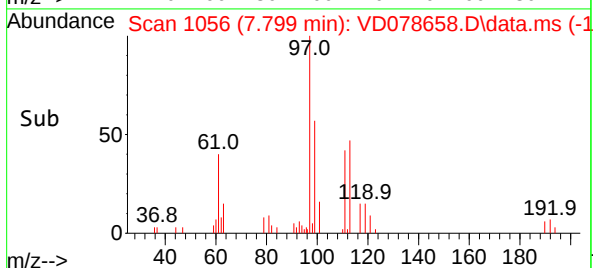
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

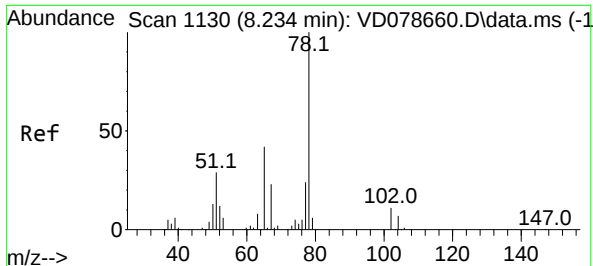


#32
1,1,1-Trichloroethane
Concen: 10.334 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 97 Resp: 23574
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 43.4 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 9.333 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1083

Ion Ratio Lower Upper

65 100

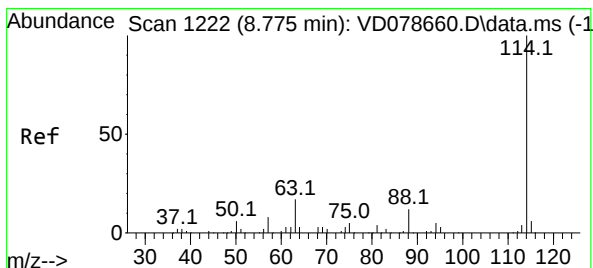
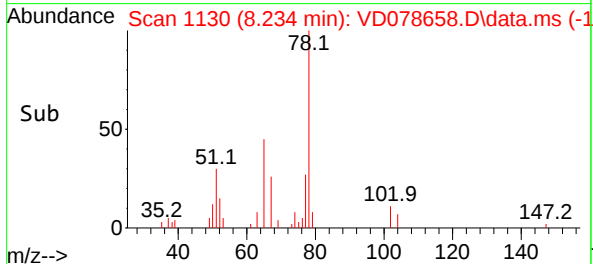
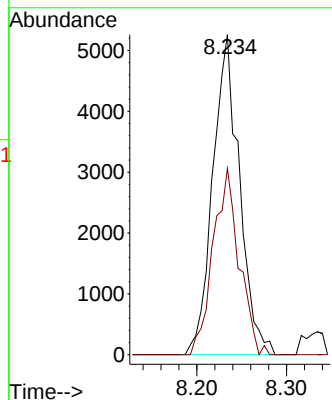
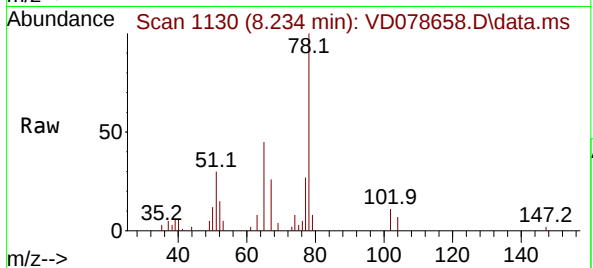
67 56.8 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

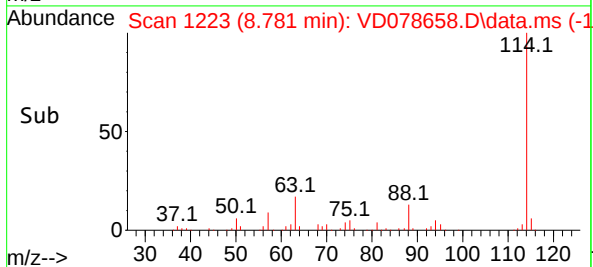
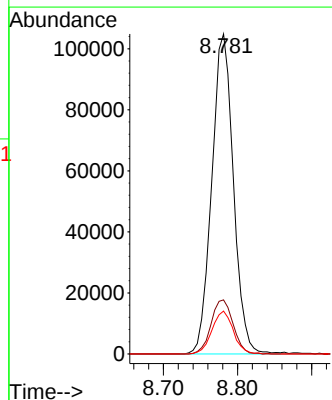
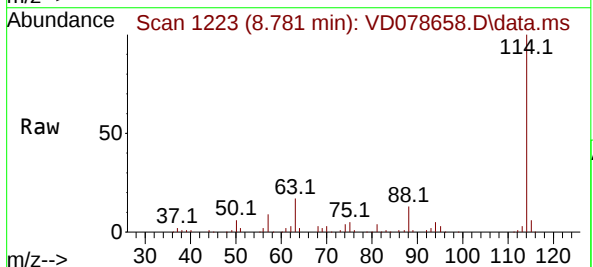
Tgt Ion:114 Resp: 212441

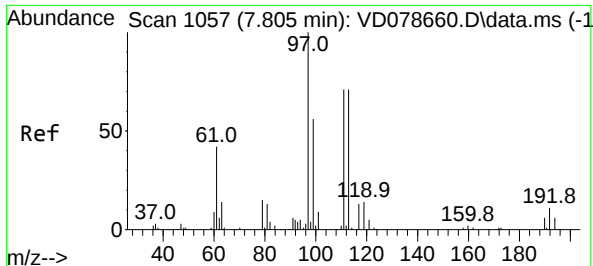
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

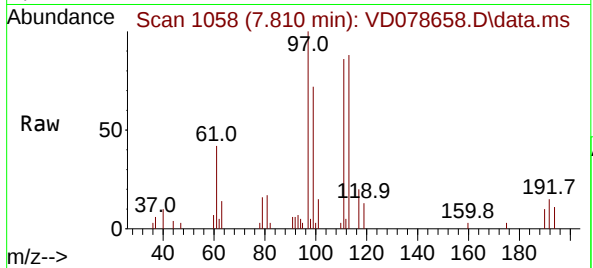
88 13.4 0.0 24.6





#35
Dibromofluoromethane
Concen: 9.149 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

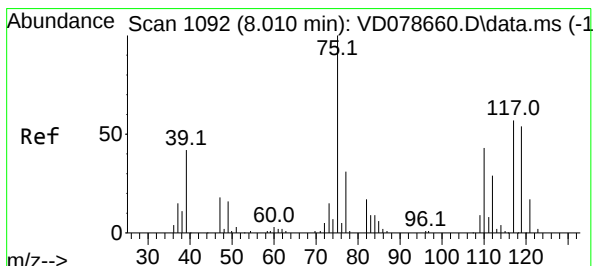
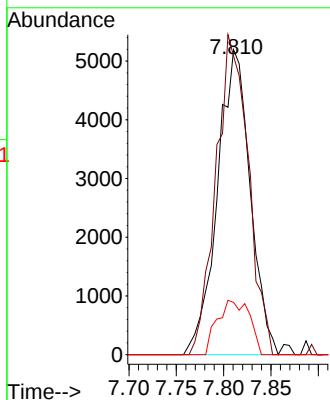
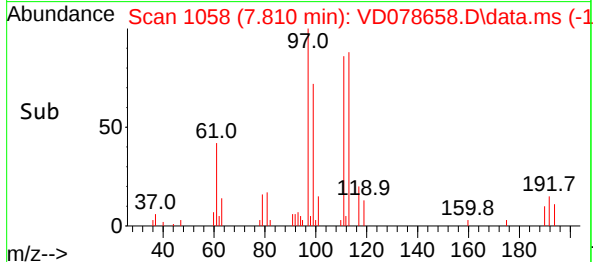
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 113 Resp: 12514
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 17.4 15.4 23.0

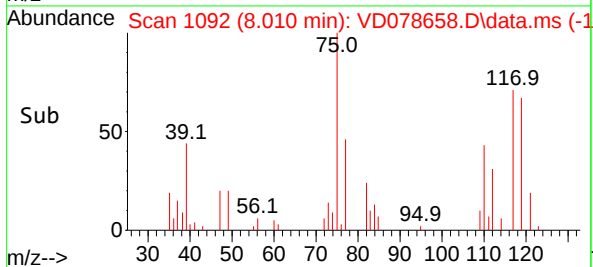
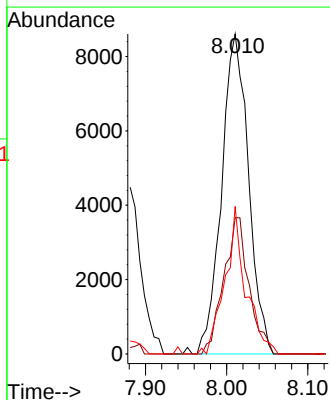
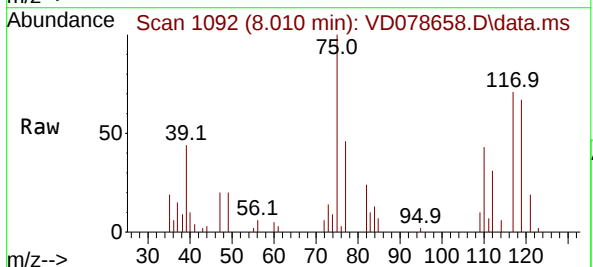
Manual Integrations
APPROVED

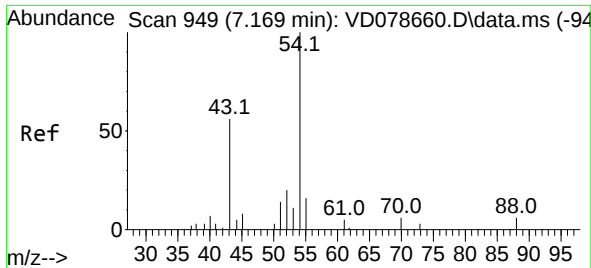
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#36
1,1-Dichloropropene
Concen: 10.005 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

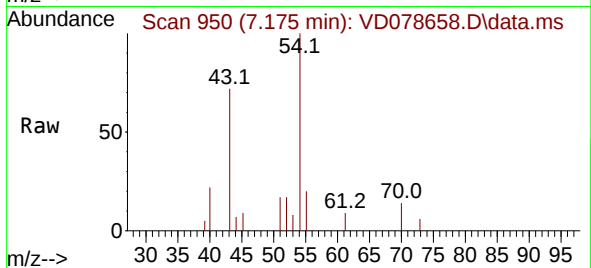
Tgt Ion: 75 Resp: 19855
Ion Ratio Lower Upper
75 100
110 39.9 19.1 57.1
77 35.6 25.4 38.2





#37
Ethyl Acetate
Concen: 10.107 ug/l
RT: 7.175 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

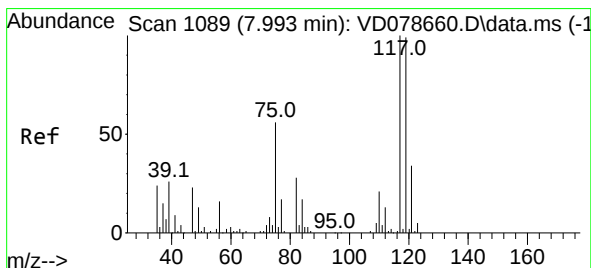
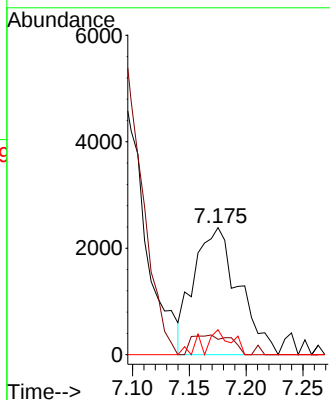
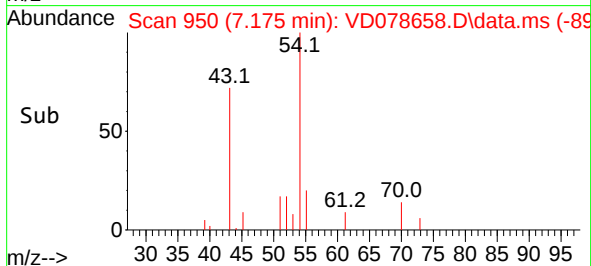
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
61 13.6 14.6 21.8
70 11.8 9.4 14.0

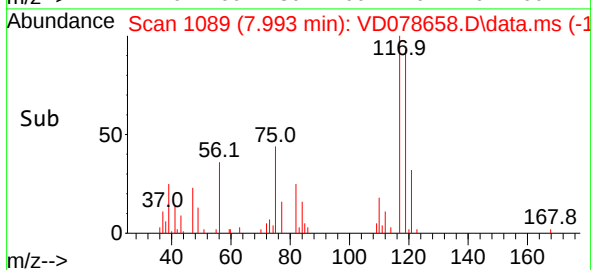
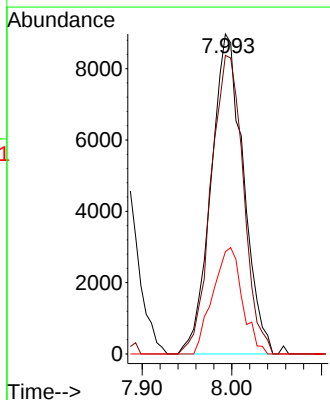
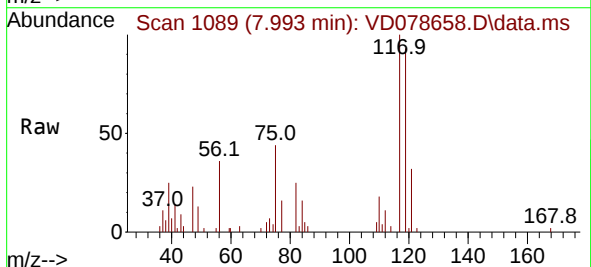
Manual Integrations
APPROVED

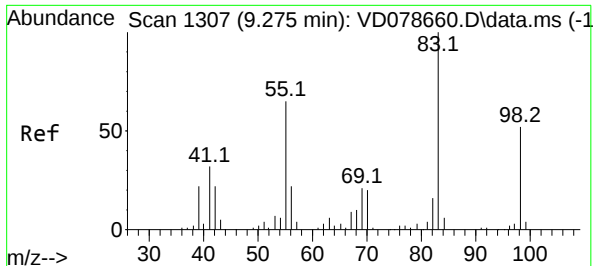
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#38
Carbon Tetrachloride
Concen: 10.719 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:117 Resp: 22427
Ion Ratio Lower Upper
117 100
119 93.3 79.2 118.8
121 31.9 26.8 40.2





#39

Methylcyclohexane

Concen: 9.802 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

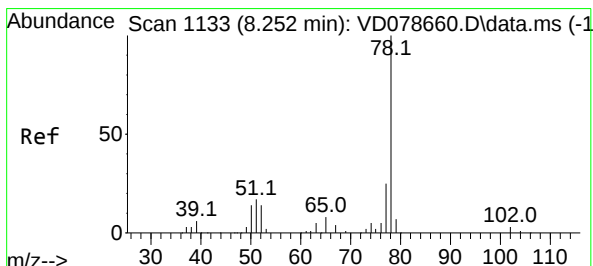
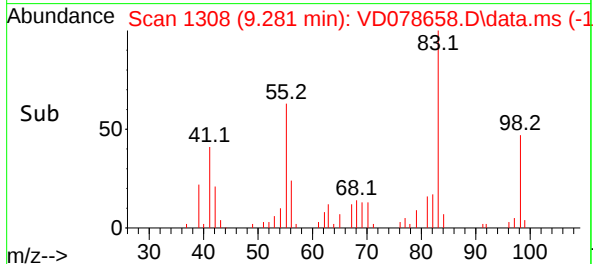
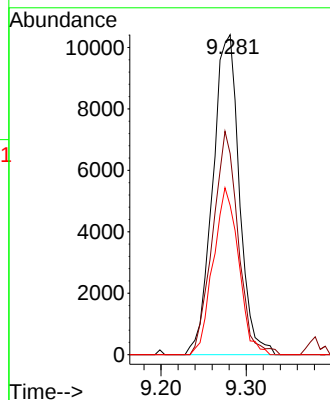
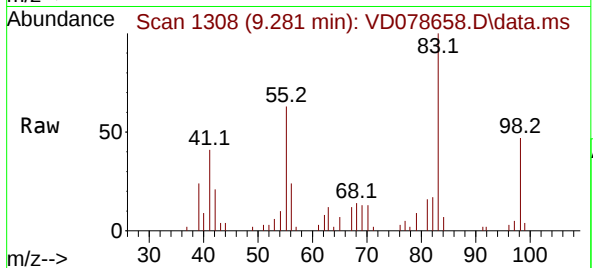
VSTDICC010

Tgt Ion:	83	Resp:	2256
Ion Ratio	Lower	Upper	
83	100		
55	62.9	51.7	77.5
98	46.7	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#40

Benzene

Concen: 10.354 ug/l

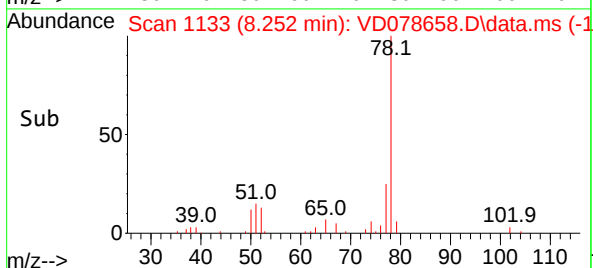
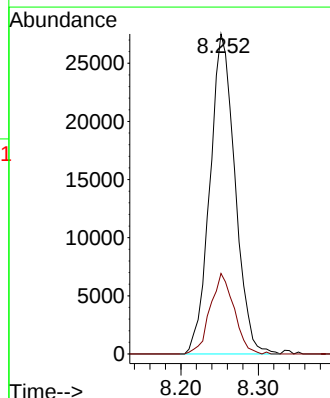
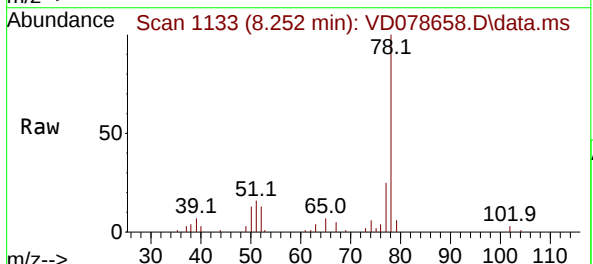
RT: 8.252 min Scan# 1133

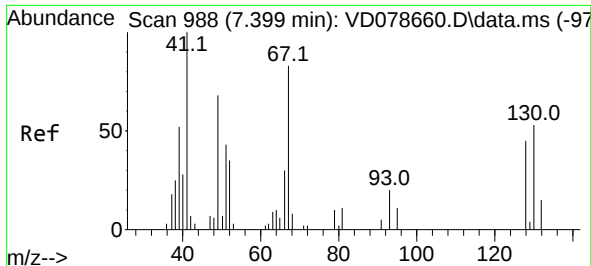
Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

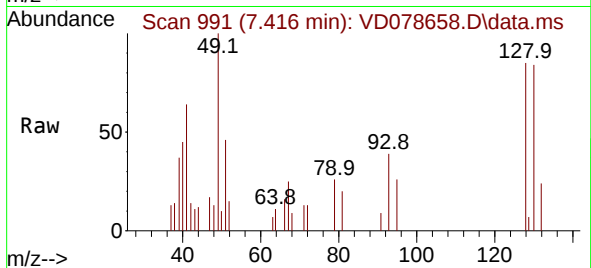
Tgt Ion:	78	Resp:	62113
Ion Ratio	Lower	Upper	
78	100		
77	25.1	20.4	30.6





#41
Methacrylonitrile
Concen: 10.759 ug/l m
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

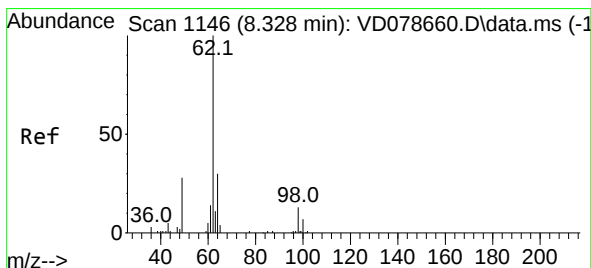
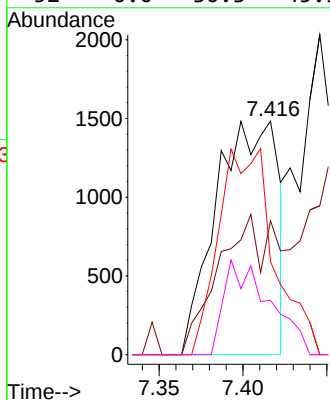
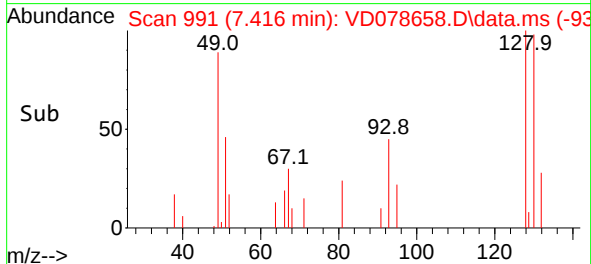
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 3799
Ion Ratio Lower Upper
41 100
39 40.6 39.8 59.6
67 79.1 83.5 125.3
52 0.0 30.3 45.5#

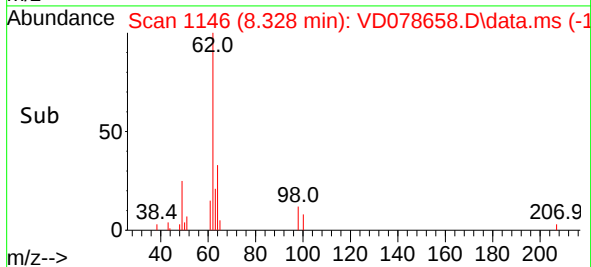
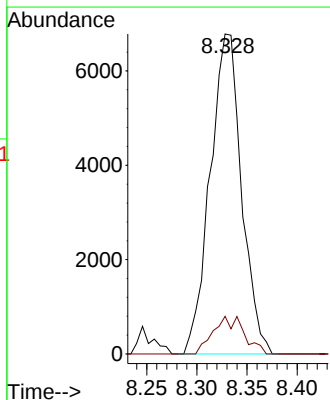
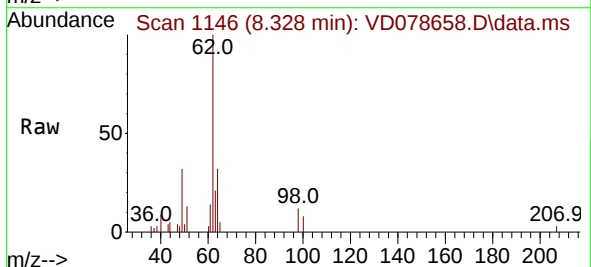
Manual Integrations
APPROVED

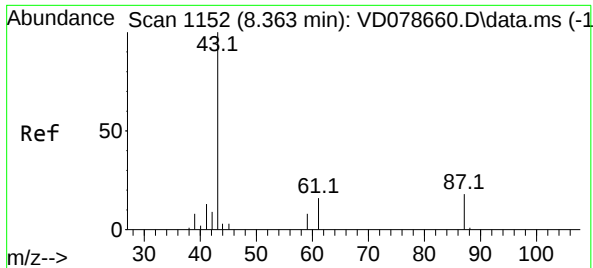
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#42
1,2-Dichloroethane
Concen: 10.118 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 62 Resp: 14803
Ion Ratio Lower Upper
62 100
98 11.5 0.0 23.8





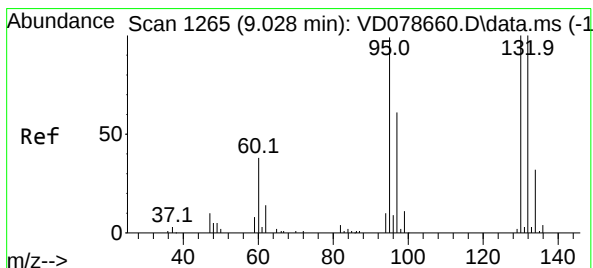
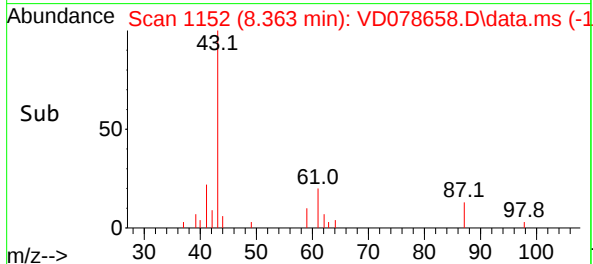
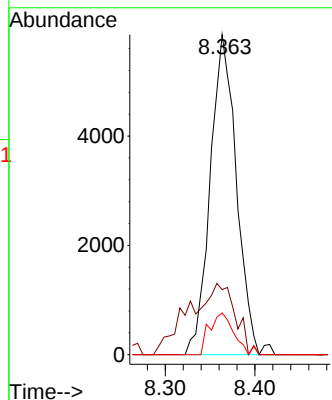
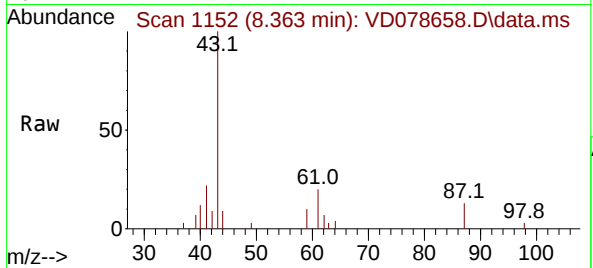
#43
Isopropyl Acetate
Concen: 10.115 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 11920
Ion Ratio Lower Upper
43 100
61 23.5 30.1 45.1
87 12.2 14.4 21.6

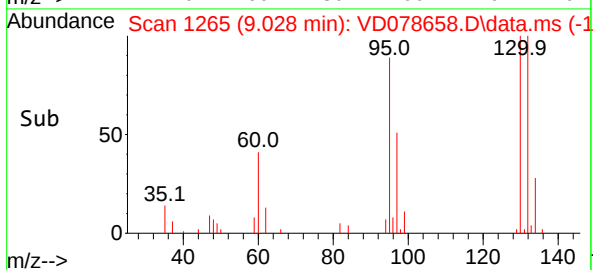
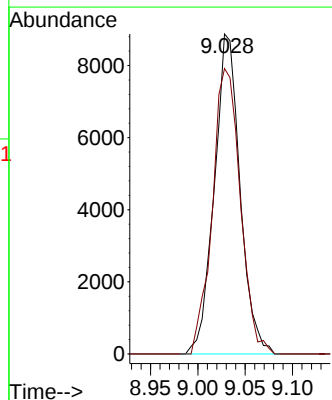
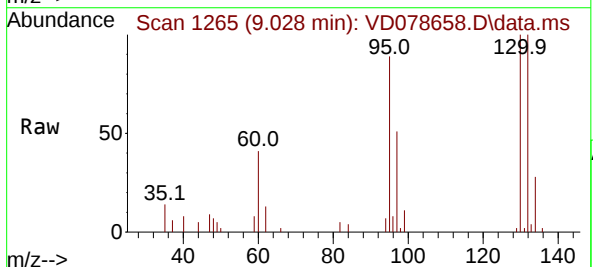
Manual Integrations
APPROVED

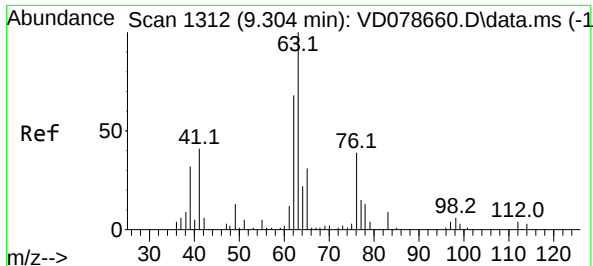
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#44
Trichloroethene
Concen: 10.312 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:130 Resp: 16789
Ion Ratio Lower Upper
130 100
95 89.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 10.843 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1543

Ion Ratio Lower Upper

63 100

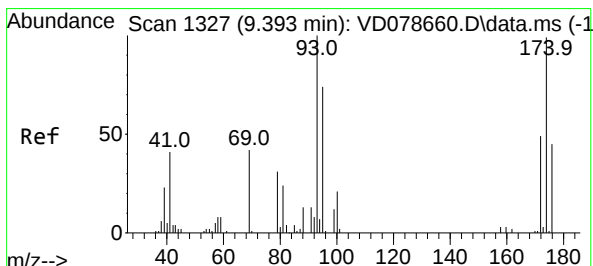
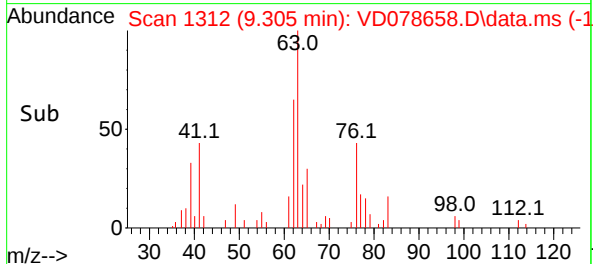
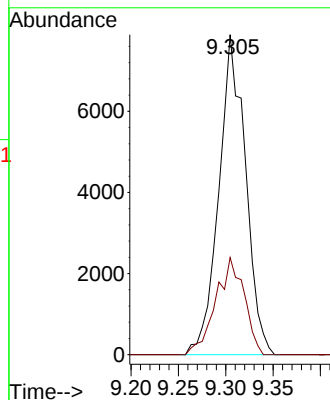
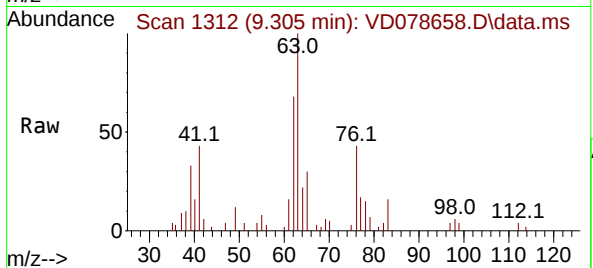
65 30.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#46

Dibromomethane

Concen: 10.222 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

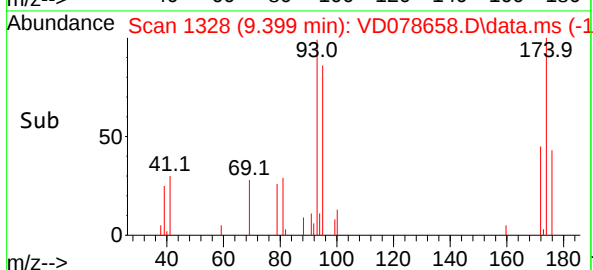
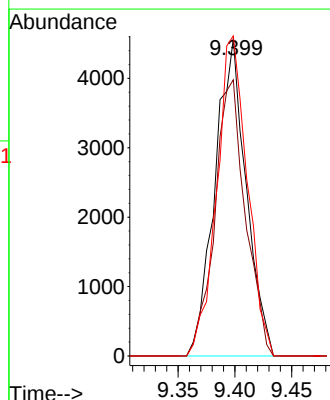
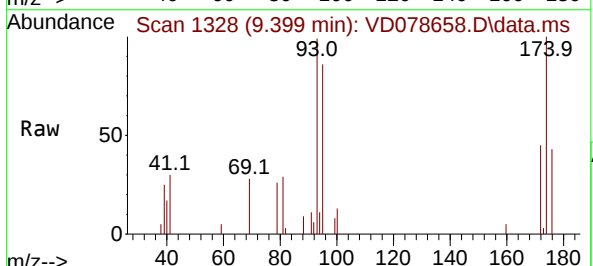
Tgt Ion: 93 Resp: 8720

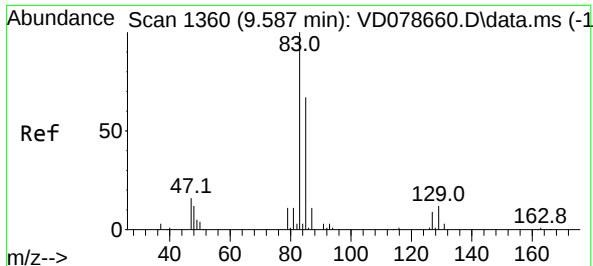
Ion Ratio Lower Upper

93 100

95 85.6 67.3 100.9

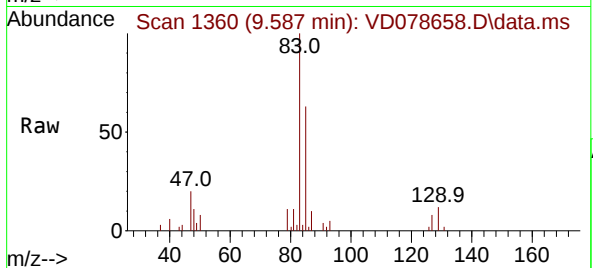
174 99.2 80.9 121.3





#47
Bromodichloromethane
Concen: 10.316 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

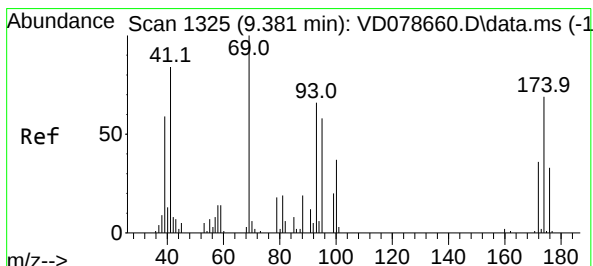
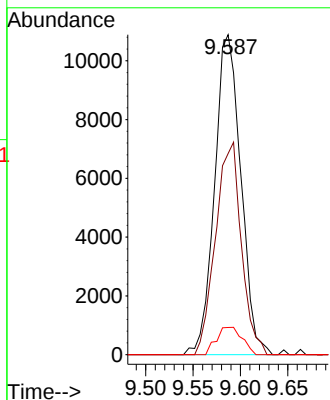
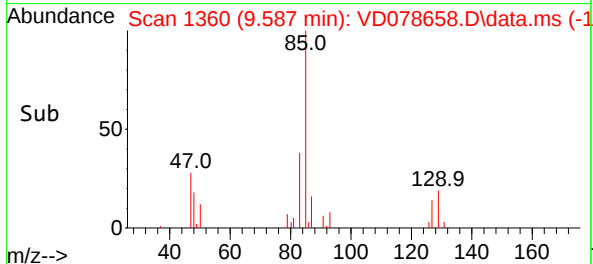
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



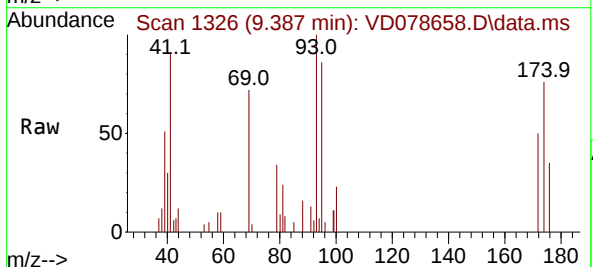
Tgt Ion: 83 Resp: 2095
Ion Ratio Lower Upper
83 100
85 62.8 54.0 81.0
127 8.5 7.1 10.7

Manual Integrations
APPROVED

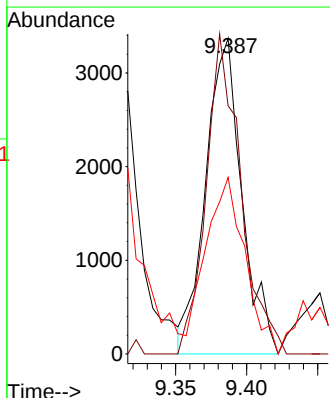
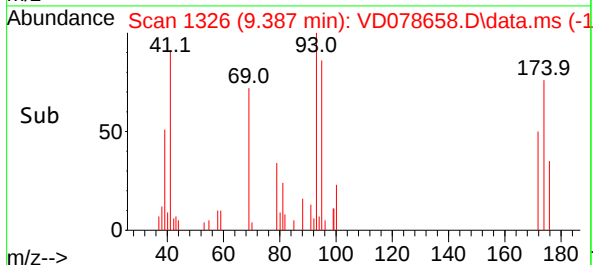
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

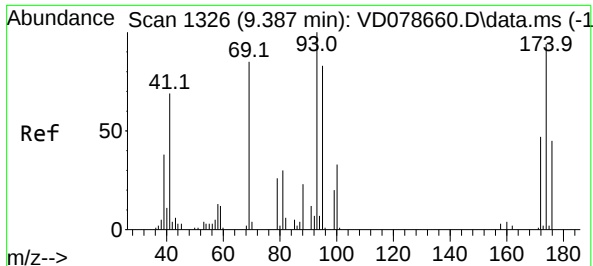


#48
Methyl methacrylate
Concen: 10.411 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 41 Resp: 5981
Ion Ratio Lower Upper
41 100
69 96.9 88.3 132.5
39 60.4 46.6 69.8





#49

1,4-Dioxane

Concen: 187.753 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

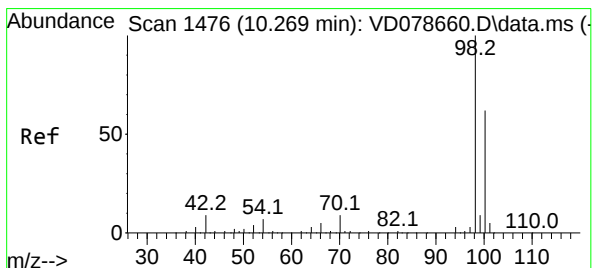
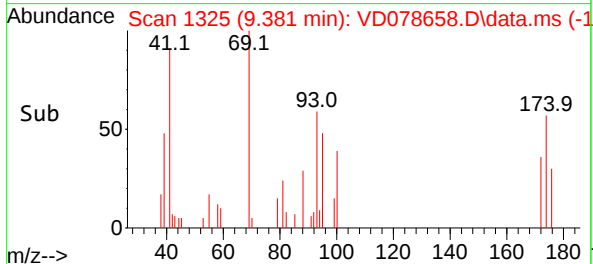
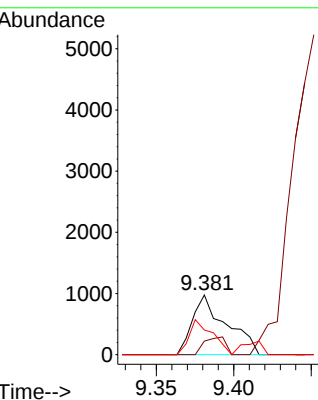
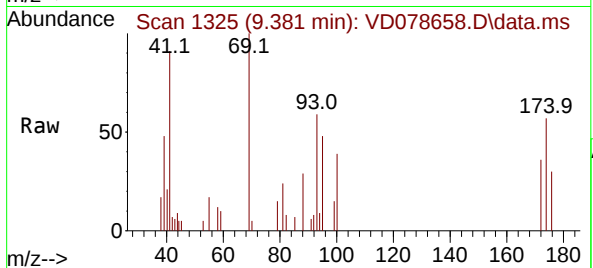
VSTDICC010

Tgt Ion: 88 Resp: 148
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.2 34.8
 58 40.1 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024



#50

Toluene-d8

Concen: 8.908 ug/l

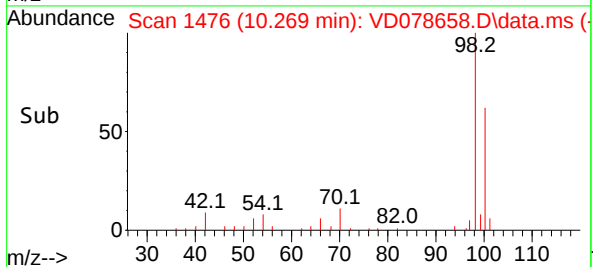
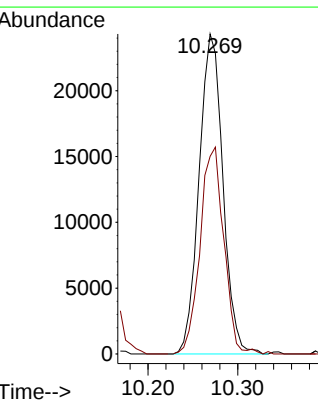
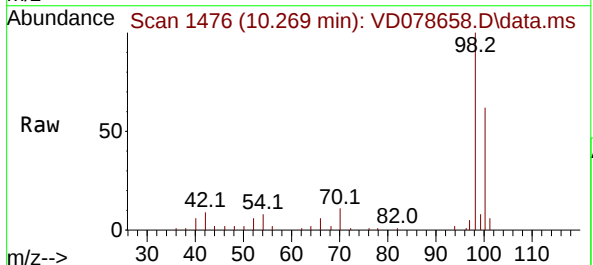
RT: 10.269 min Scan# 1476

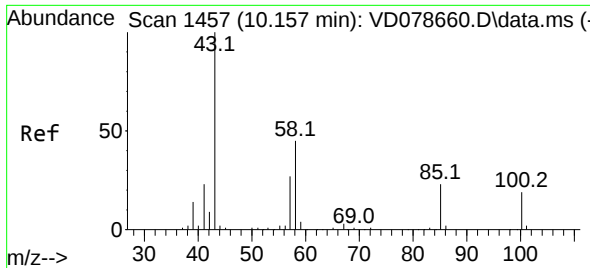
Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

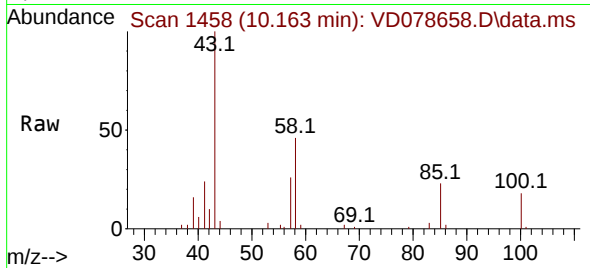
Tgt Ion: 98 Resp: 44810
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 47.120 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

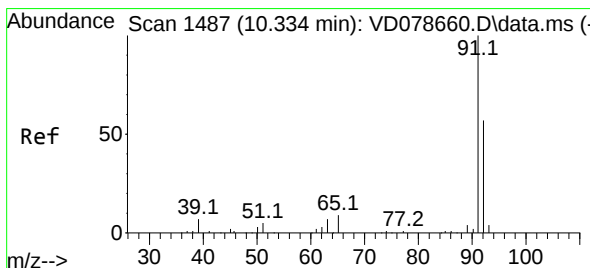
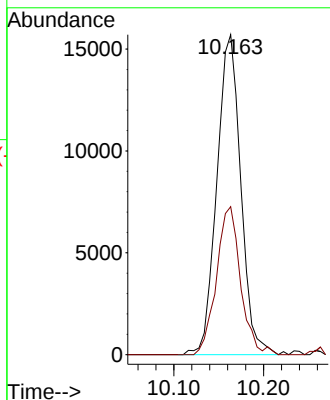
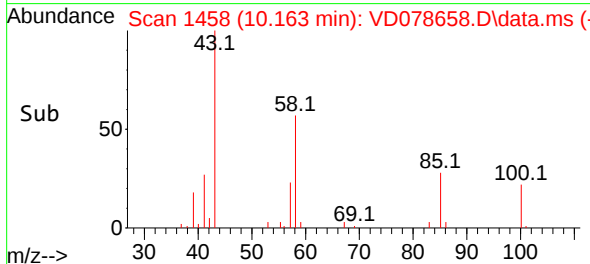
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2904
Ion Ratio Lower Upper
43 100
58 46.8 36.4 54.6

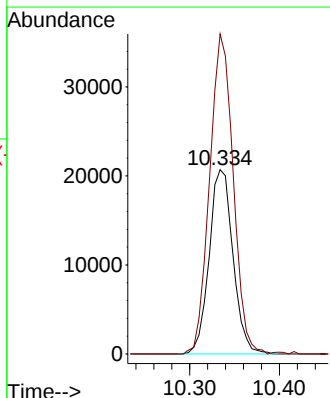
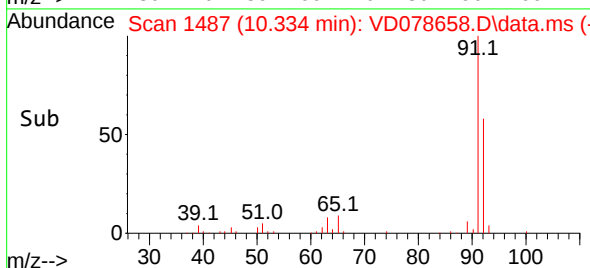
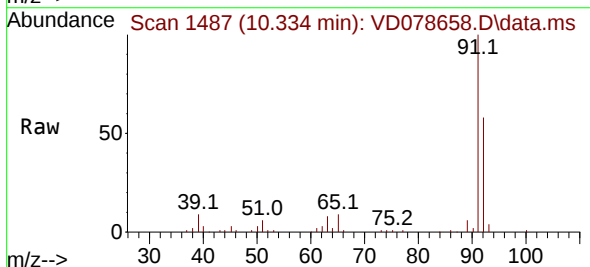
Manual Integrations
APPROVED

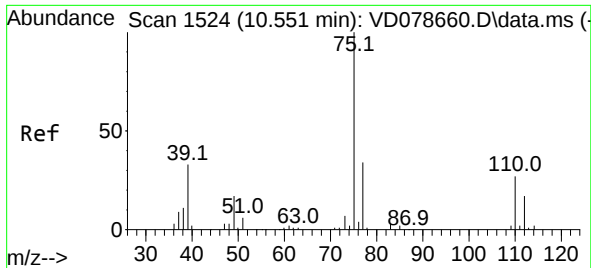
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#52
Toluene
Concen: 9.877 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

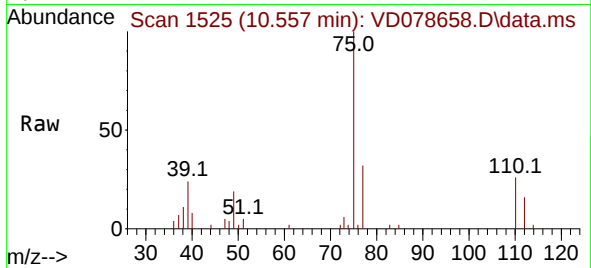
Tgt Ion: 92 Resp: 38149
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 10.029 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

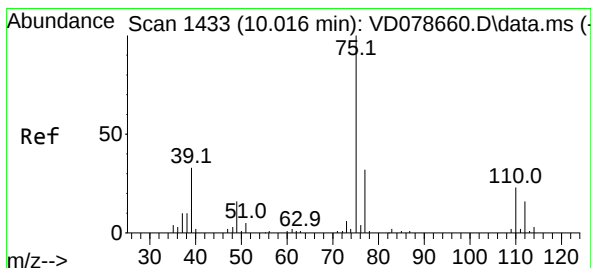
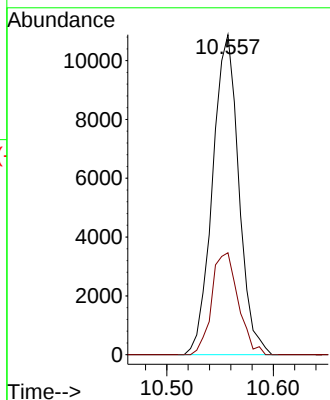
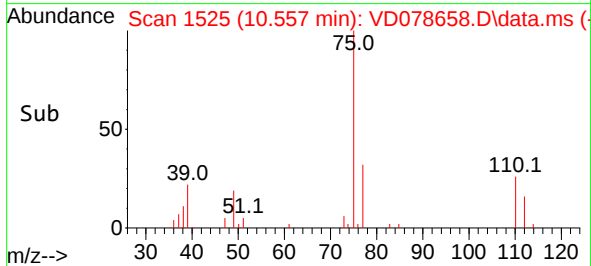
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 1862
Ion Ratio Lower Upper
75 100
77 31.9 27.1 40.7

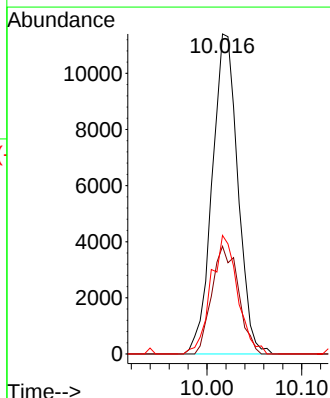
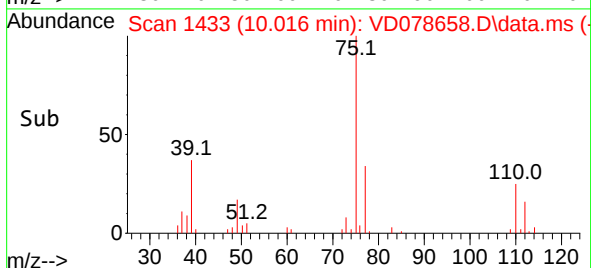
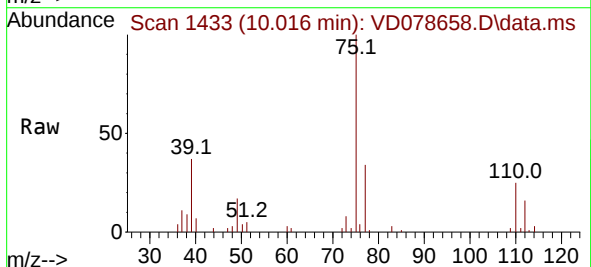
Manual Integrations
APPROVED

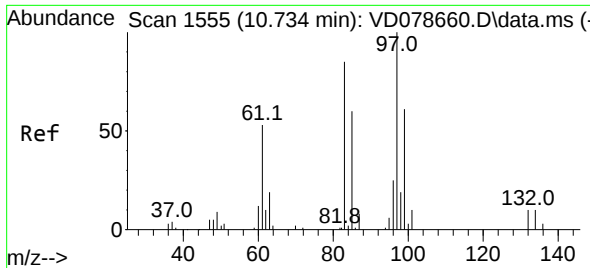
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#54
cis-1,3-Dichloropropene
Concen: 9.617 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

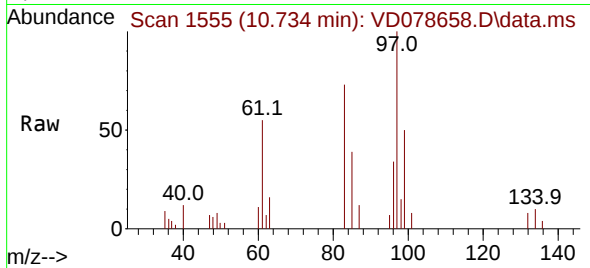
Tgt Ion: 75 Resp: 21466
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0
39 37.1 26.7 40.1





#55
1,1,2-Trichloroethane
Concen: 10.316 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

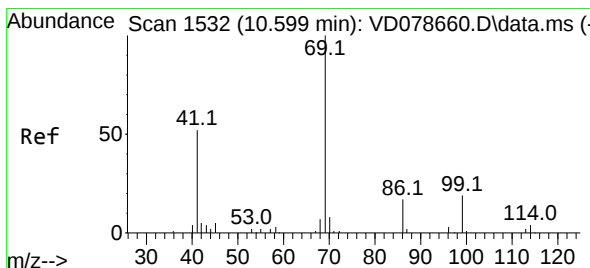
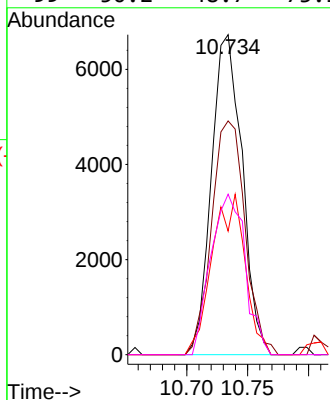
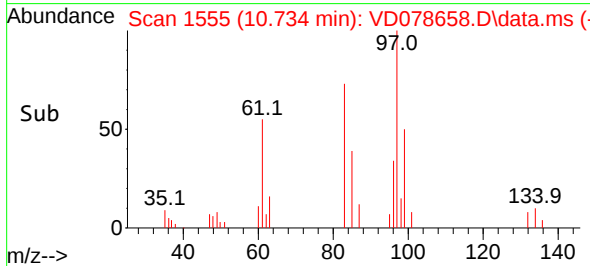
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



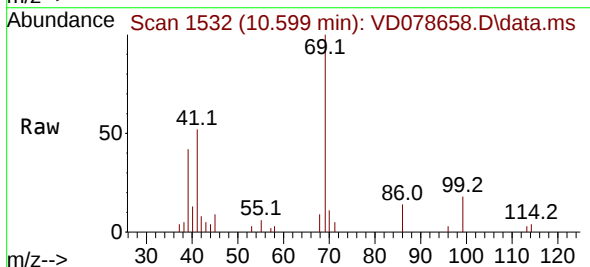
Tgt Ion: 97 Resp: 1178
Ion Ratio Lower Upper
97 100
83 73.1 68.1 102.1
85 38.6 48.2 72.2
99 50.2 48.7 73.1

Manual Integrations
APPROVED

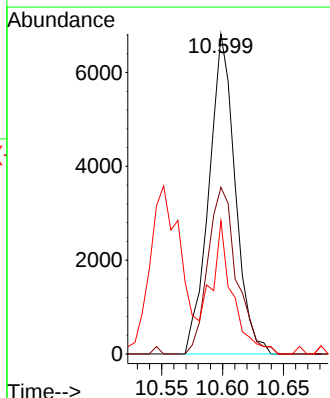
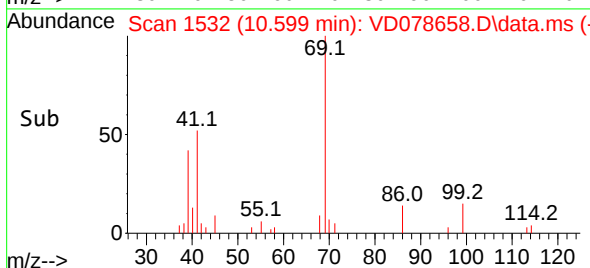
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

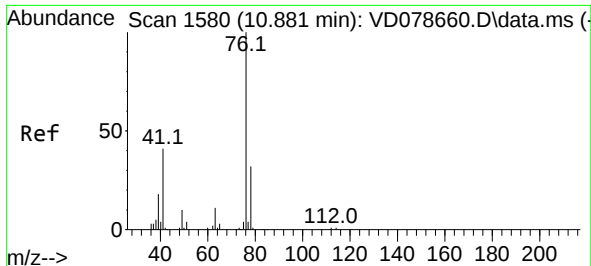


#56
Ethyl methacrylate
Concen: 8.948 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 69 Resp: 10248
Ion Ratio Lower Upper
69 100
41 57.3 40.9 61.3
39 33.2 25.5 38.3





#57

1,3-Dichloropropane

Concen: 10.058 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 18540

Ion Ratio Lower Upper

76 100

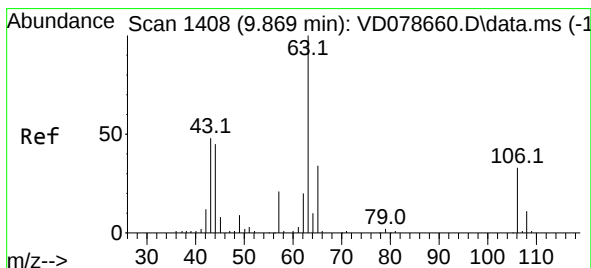
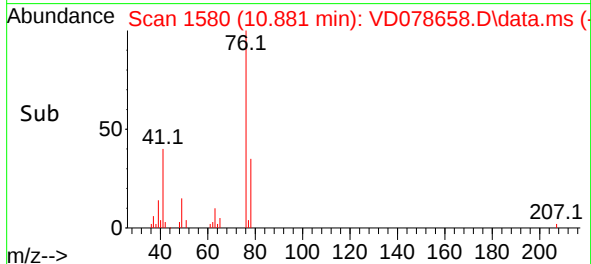
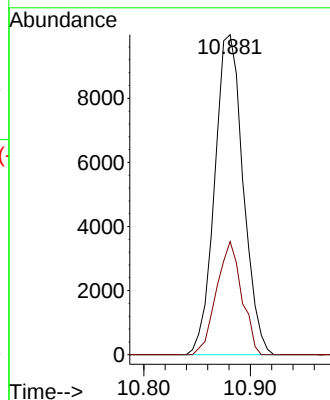
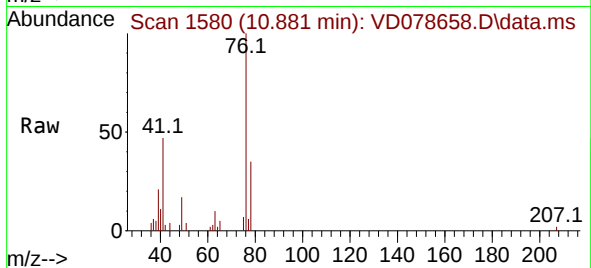
78 31.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 47.327 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078658.D

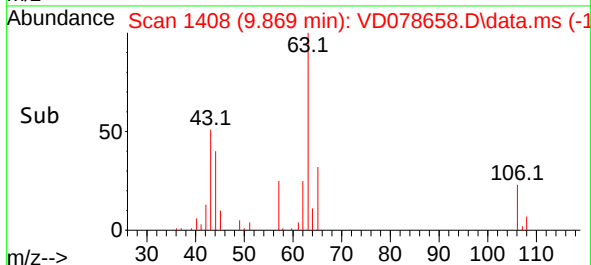
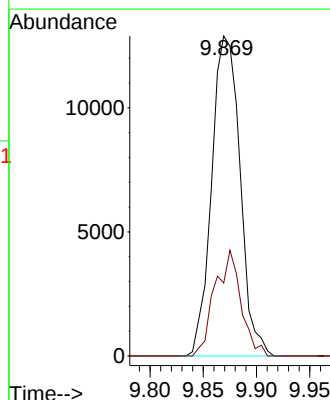
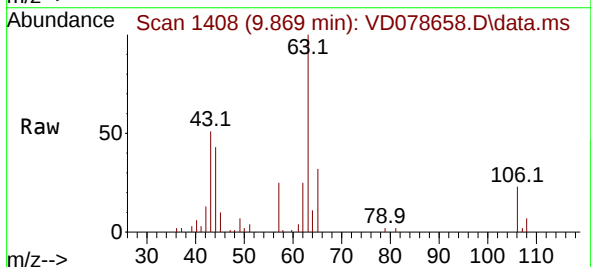
Acq: 14 Mar 2024 10:28

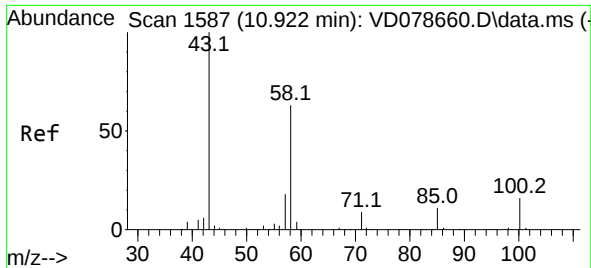
Tgt Ion: 63 Resp: 23899

Ion Ratio Lower Upper

63 100

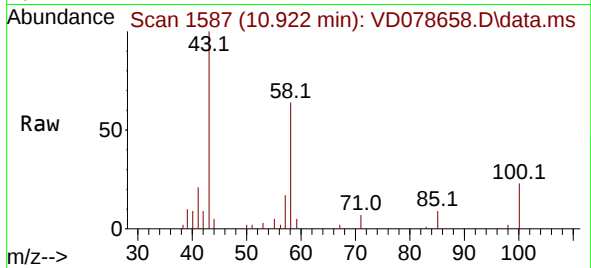
106 30.3 25.2 37.8





#59
2-Hexanone
Concen: 47.410 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

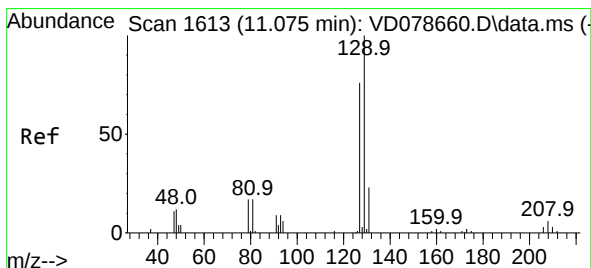
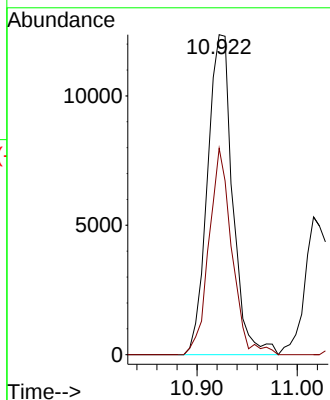
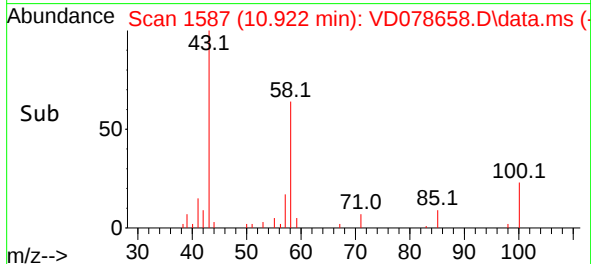
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 21664
Ion Ratio Lower Upper
43 100
58 58.6 31.5 94.5

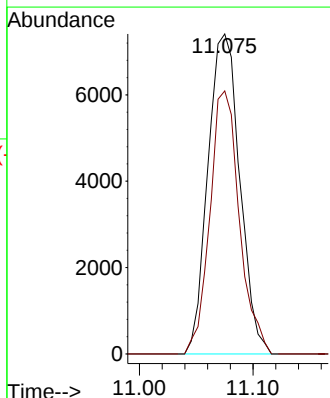
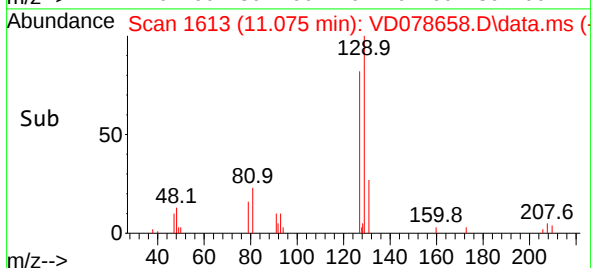
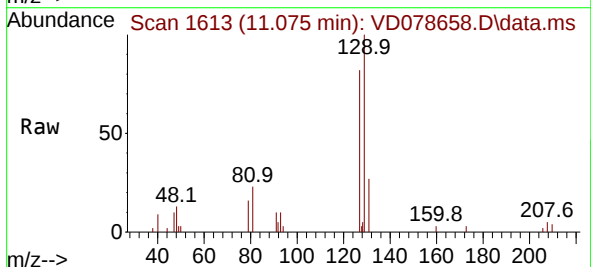
Manual Integrations
APPROVED

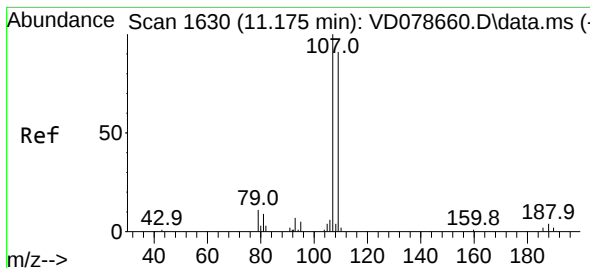
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#60
Dibromochloromethane
Concen: 10.245 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:129 Resp: 14433
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





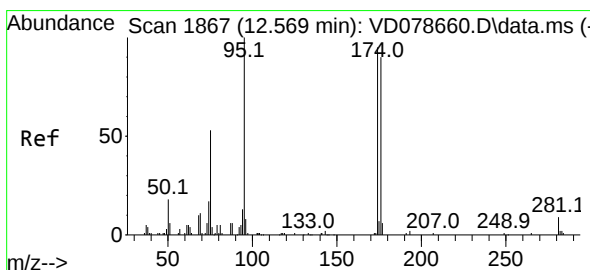
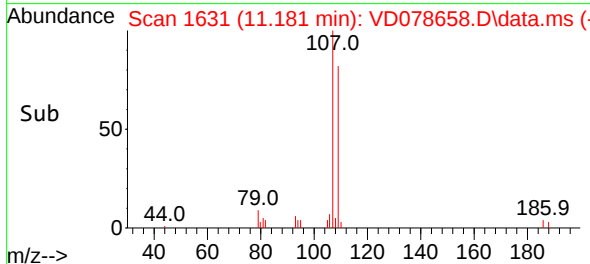
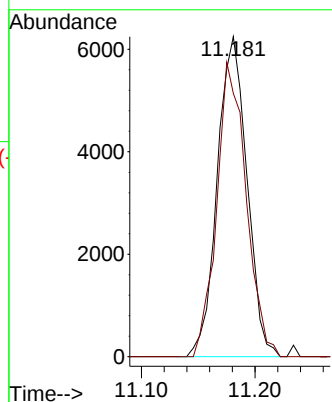
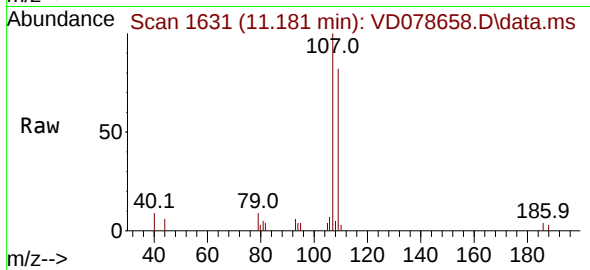
#61
1,2-Dibromoethane
Concen: 10.253 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 1133
Ion Ratio Lower Upper
107 100
109 91.2 74.8 112.2

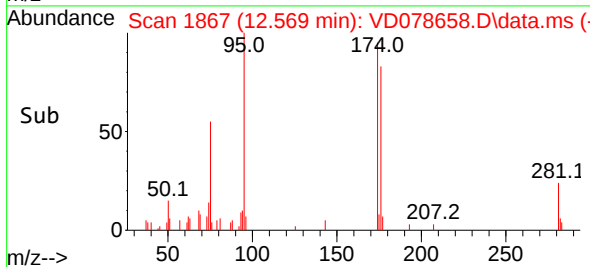
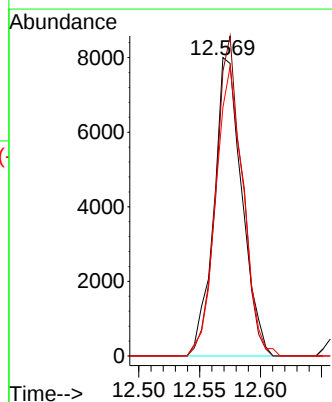
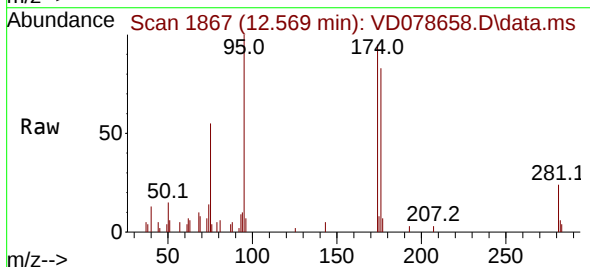
Manual Integrations
APPROVED

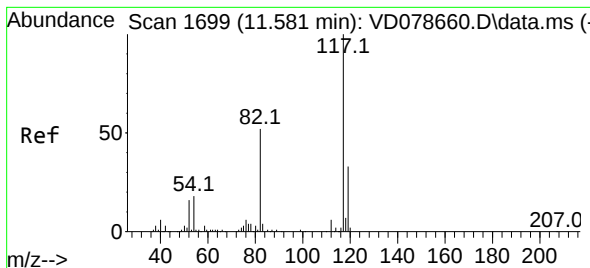
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#62
4-Bromofluorobenzene
Concen: 8.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

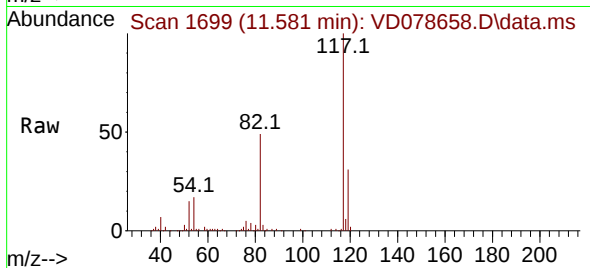
Tgt Ion: 95 Resp: 12873
Ion Ratio Lower Upper
95 100
174 99.3 0.0 195.2
176 95.7 0.0 188.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

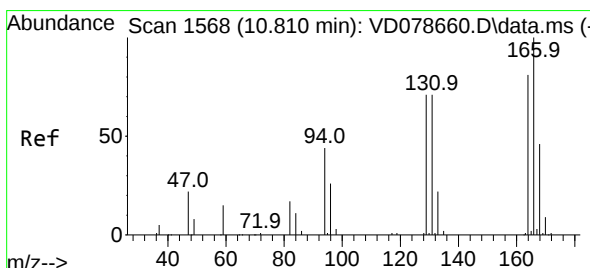
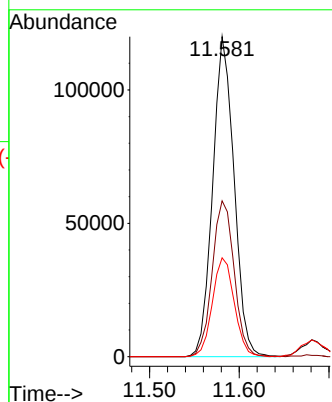
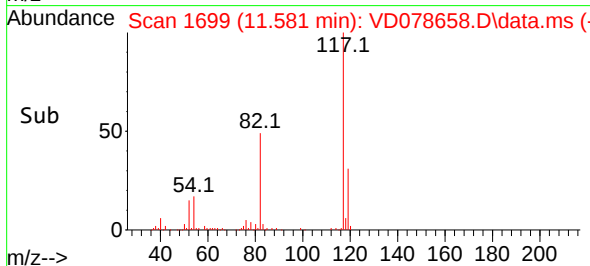
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



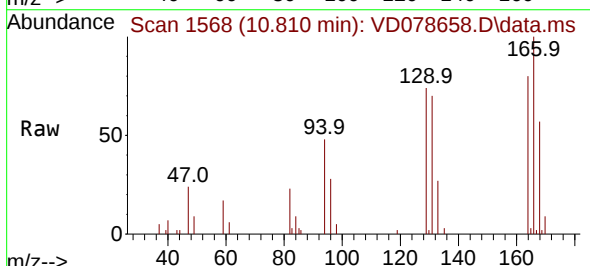
Tgt Ion:117 Resp: 198468
Ion Ratio Lower Upper
117 100
82 48.7 41.4 62.2
119 30.9 26.5 39.7

Manual Integrations
APPROVED

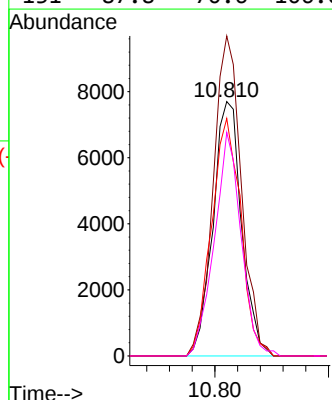
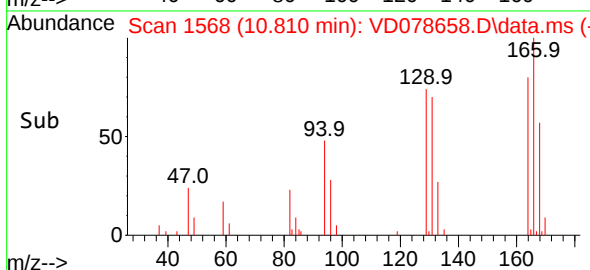
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

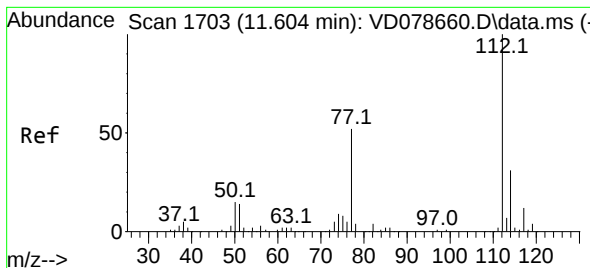


#64
Tetrachloroethene
Concen: 10.233 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



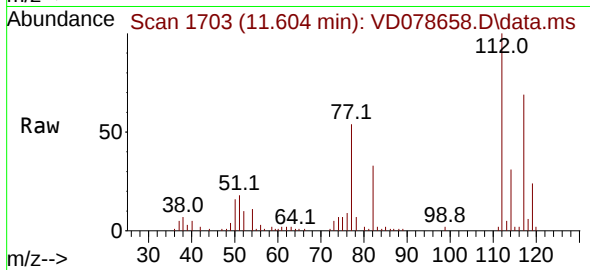
Tgt Ion:164 Resp: 13440
Ion Ratio Lower Upper
164 100
166 125.8 98.9 148.3
129 93.3 70.3 105.5
131 87.8 70.6 106.0





#65
Chlorobenzene
Concen: 10.600 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

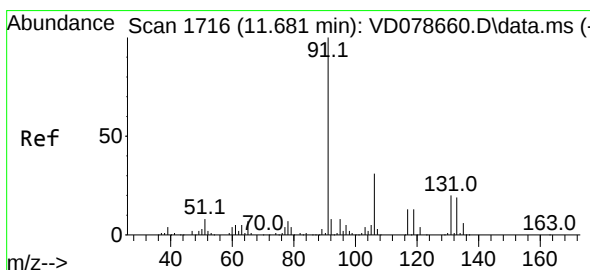
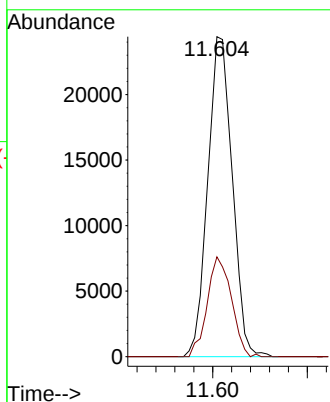
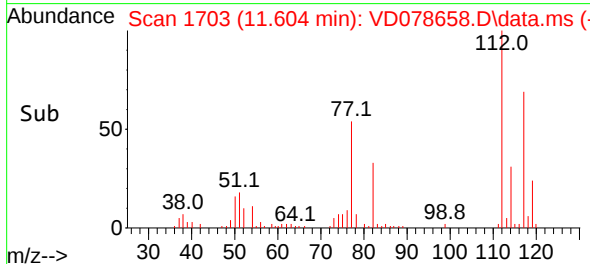
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



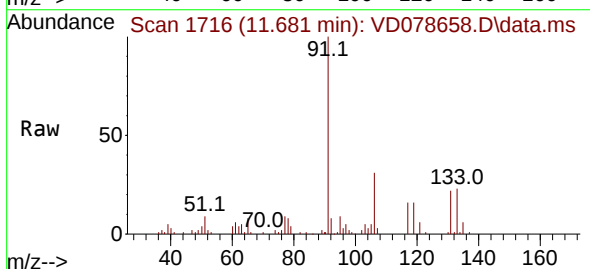
Tgt Ion:112 Resp: 4396
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6

Manual Integrations
APPROVED

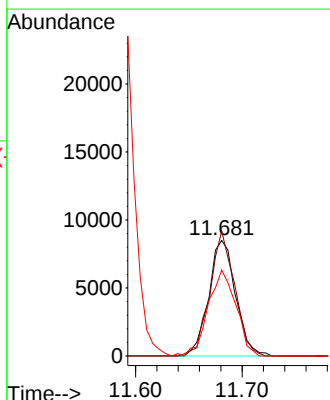
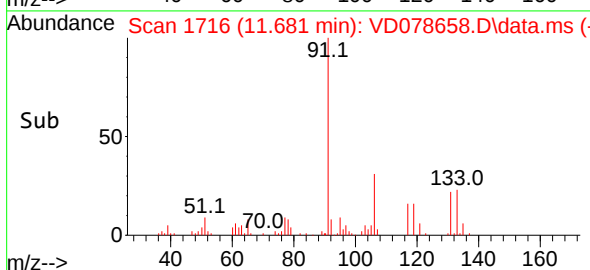
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

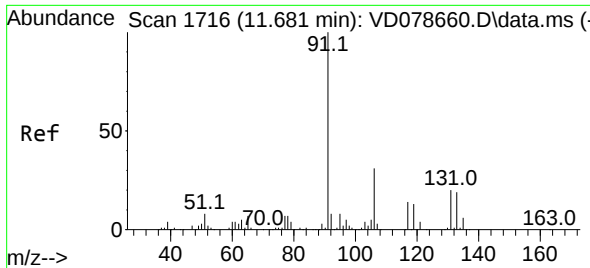


#66
1,1,1,2-Tetrachloroethane
Concen: 9.818 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



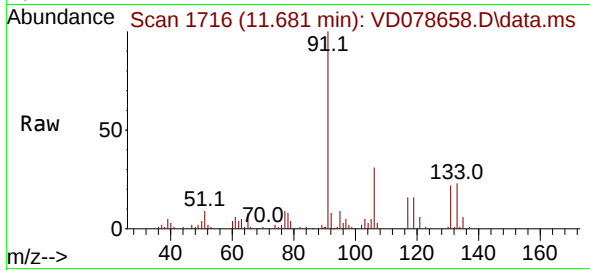
Tgt Ion:131 Resp: 14913
Ion Ratio Lower Upper
131 100
133 99.6 47.6 142.9
119 76.5 34.1 102.3





#67
Ethyl Benzene
Concen: 9.370 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

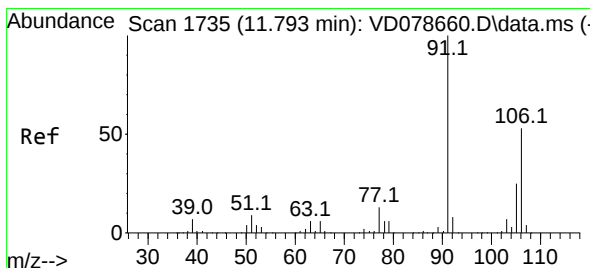
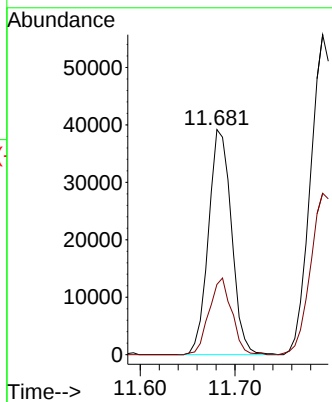
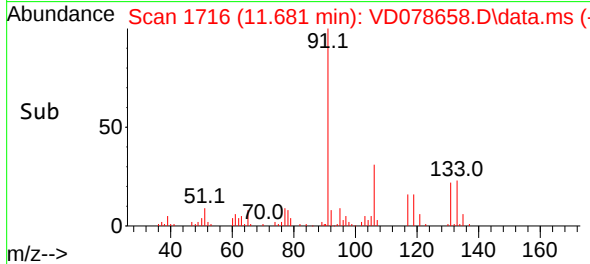
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



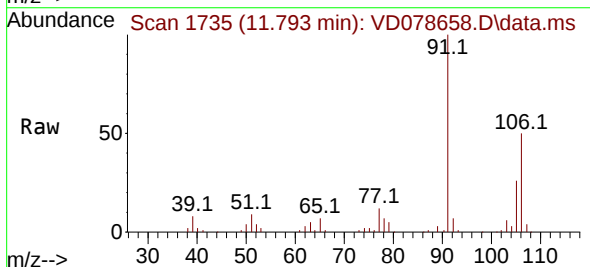
Tgt Ion: 91 Resp: 6622
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

Manual Integrations
APPROVED

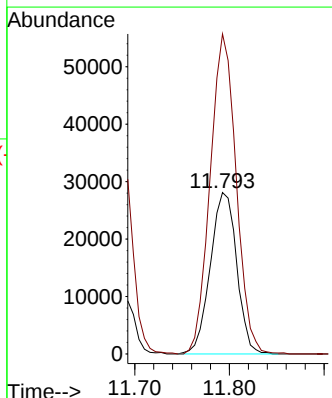
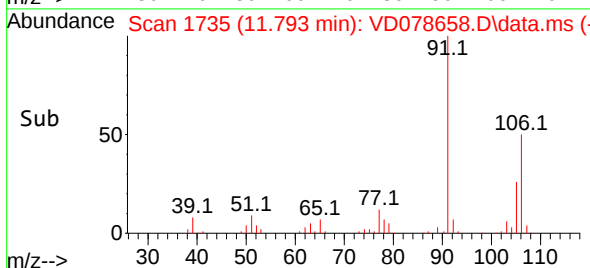
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

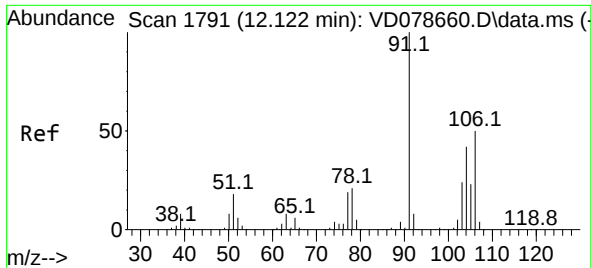


#68
m/p-Xylenes
Concen: 18.952 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion:106 Resp: 54388
Ion Ratio Lower Upper
106 100
91 195.7 154.4 231.6





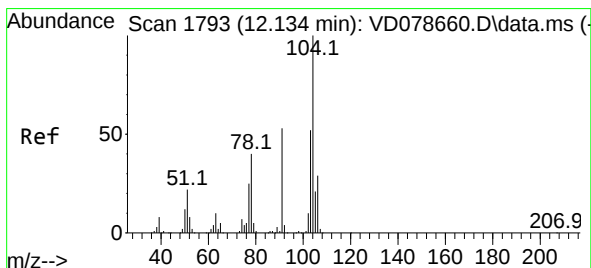
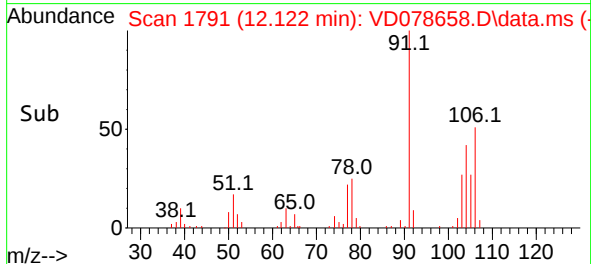
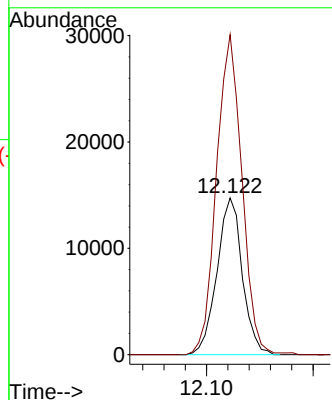
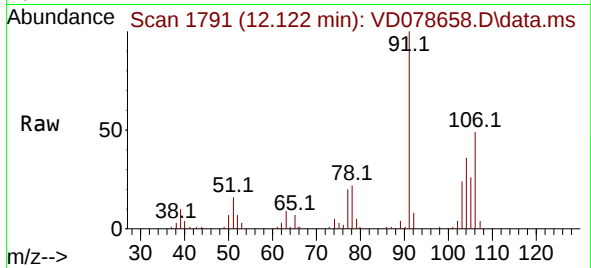
#69
o-Xylene
Concen: 9.160 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 2432
Ion Ratio Lower Upper
106 100
91 205.2 99.6 298.7

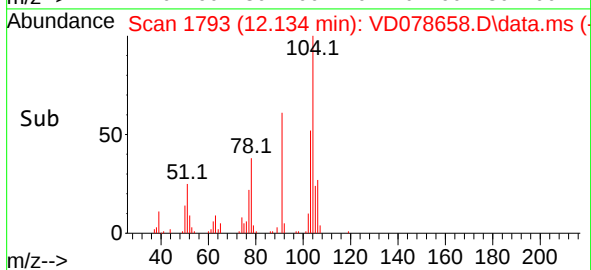
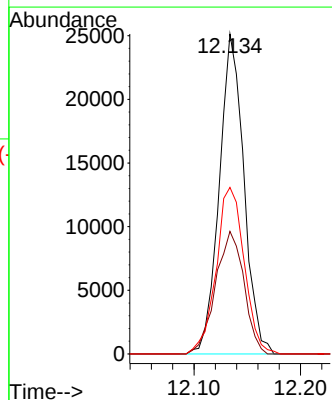
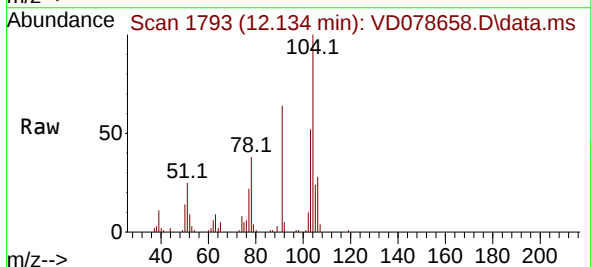
Manual Integrations
APPROVED

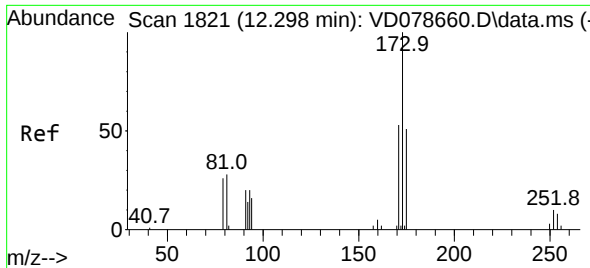
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#70
Styrene
Concen: 9.045 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

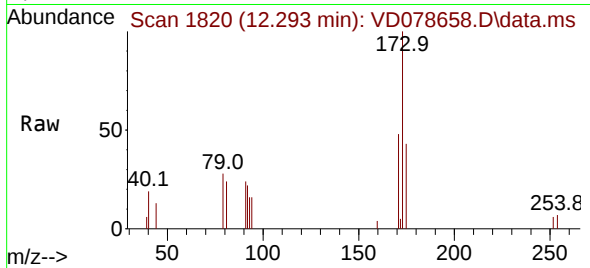
Tgt Ion:104 Resp: 40310
Ion Ratio Lower Upper
104 100
78 44.2 34.6 52.0
103 59.4 44.2 66.2





#71
Bromoform
Concen: 9.987 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

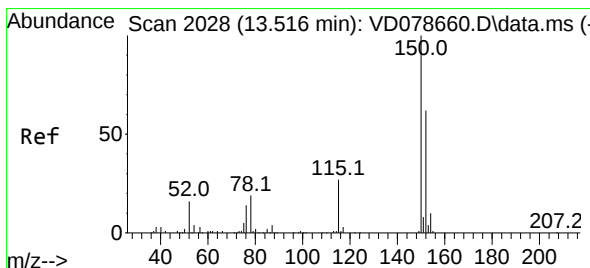
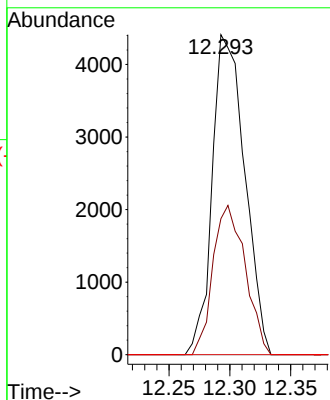
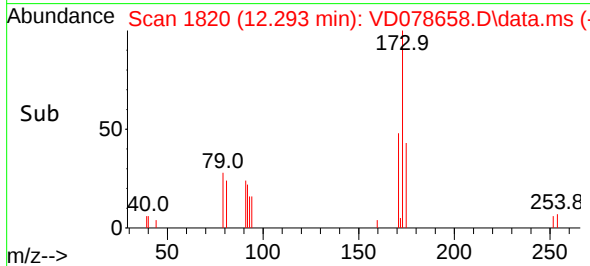
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



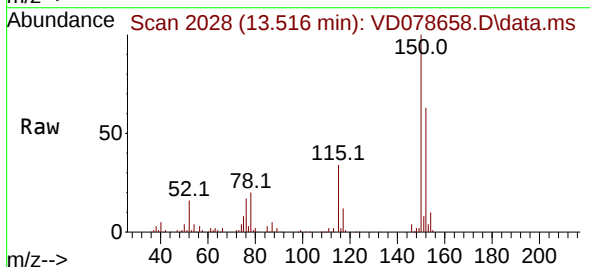
Tgt Ion:173 Resp: 8198
Ion Ratio Lower Upper
173 100
175 46.3 25.8 77.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

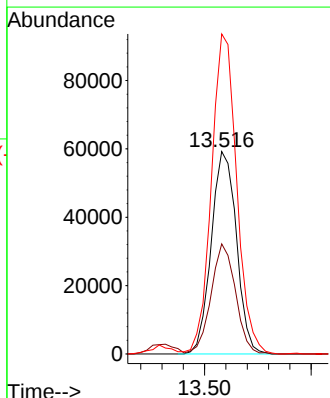
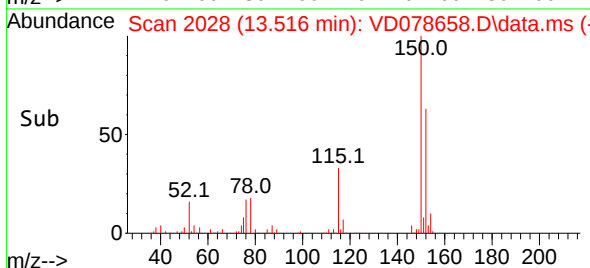
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

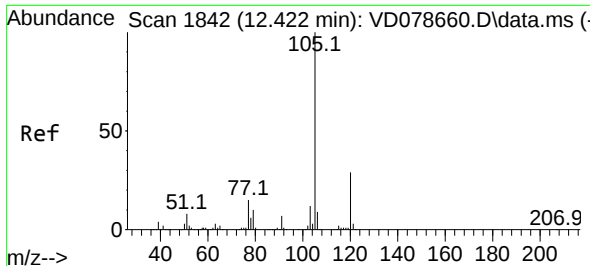


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



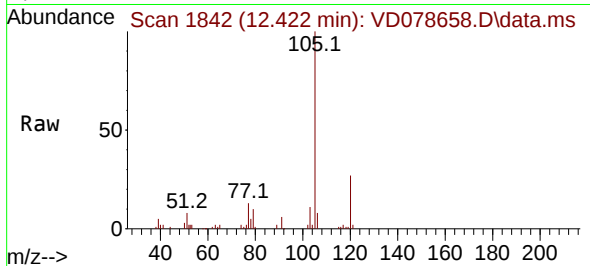
Tgt Ion:152 Resp: 97336
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.2
150 158.1 0.0 350.2





#73
Isopropylbenzene
Concen: 9.896 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

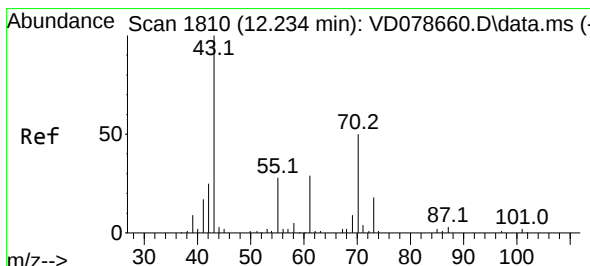
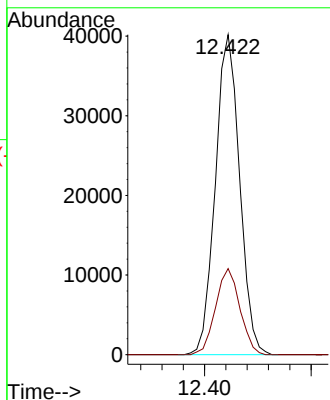
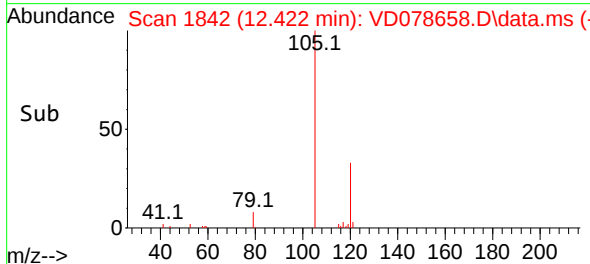
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



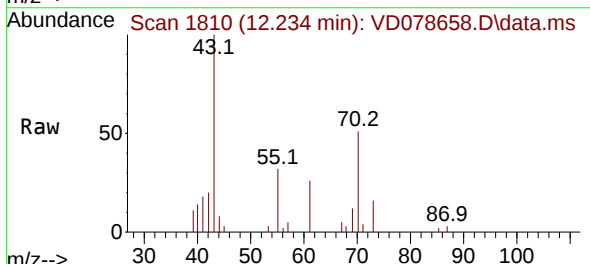
Tgt Ion:105 Resp: 63420
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

Manual Integrations
APPROVED

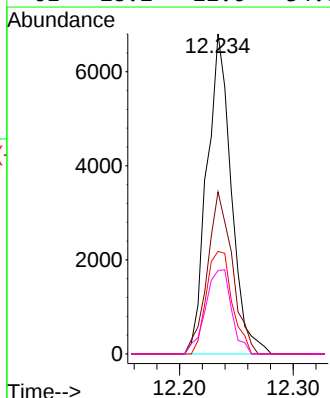
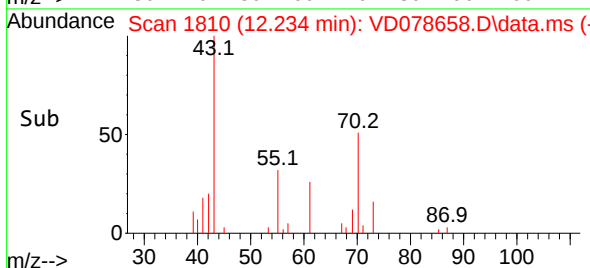
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

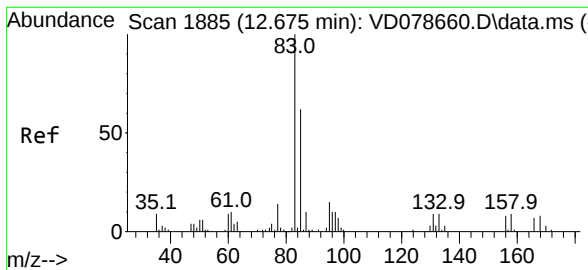


#74
N-ethyl acetate
Concen: 9.719 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



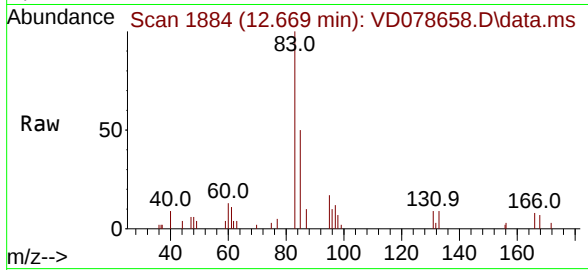
Tgt Ion: 43 Resp: 10113
Ion Ratio Lower Upper
43 100
70 51.9 42.1 63.1
55 33.9 22.6 33.8#
61 28.2 22.6 34.0





#75
1,1,2,2-Tetrachloroethane
Concen: 10.750 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

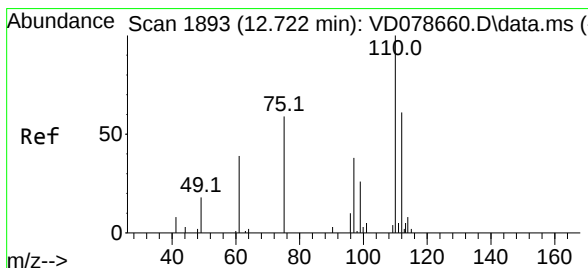
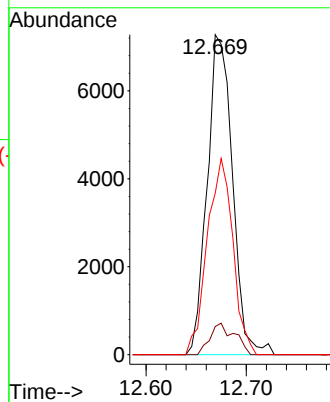
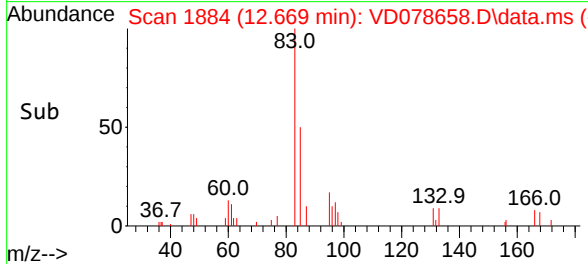
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



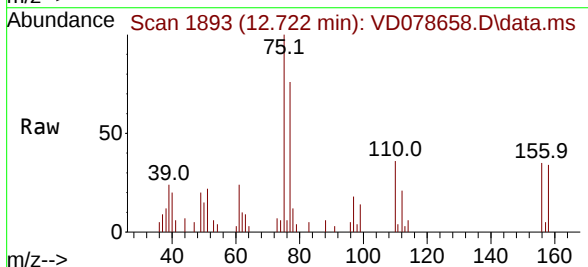
Tgt Ion: 83 Resp: 1275
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 62.1 32.2 96.6

Manual Integrations
APPROVED

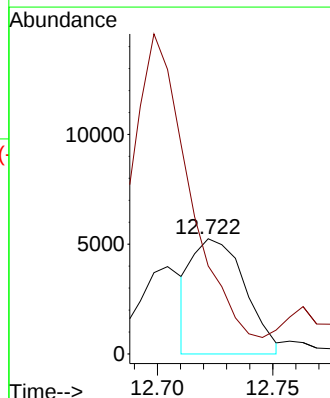
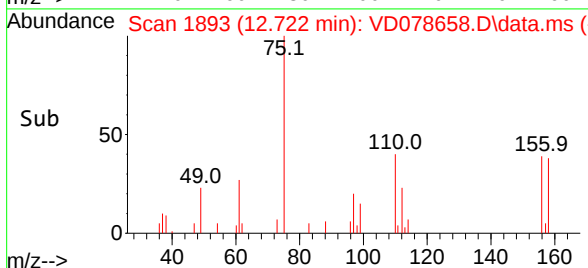
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

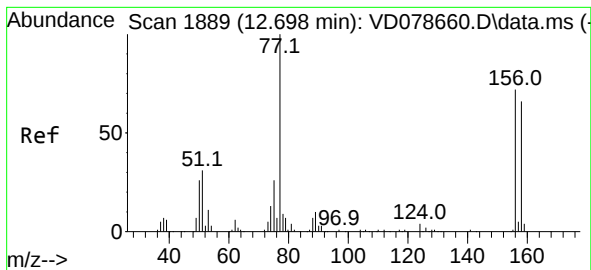


#76
1,2,3-Trichloropropane
Concen: 11.129 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 75 Resp: 8329
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.960 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

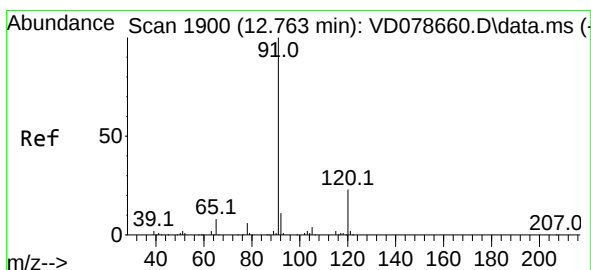
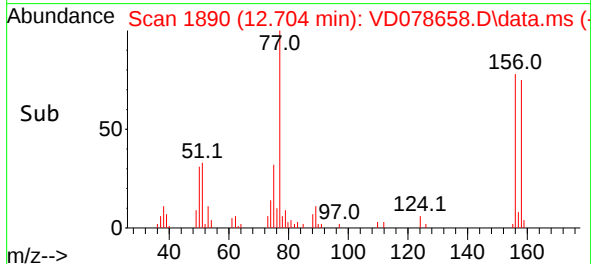
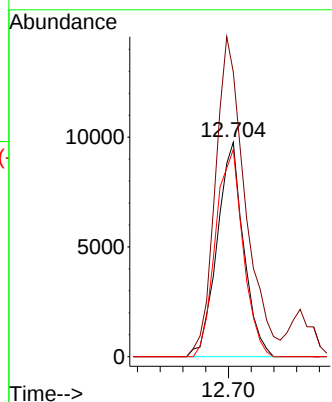
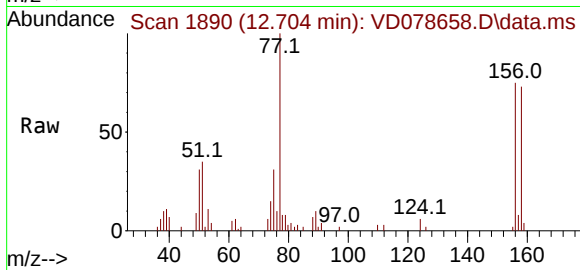
VSTDIC010

Tgt Ion:	156	Resp:	15830
Ion Ratio	Lower	Upper	
156	100		
77	168.4	79.1	237.3
158	100.1	47.0	141.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#78

n-propylbenzene

Concen: 9.952 ug/l

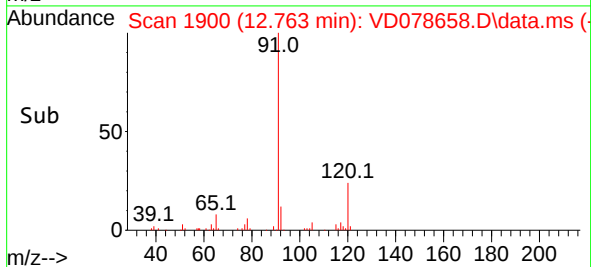
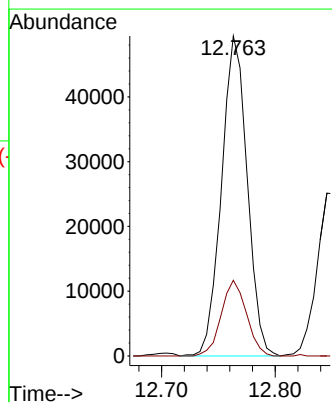
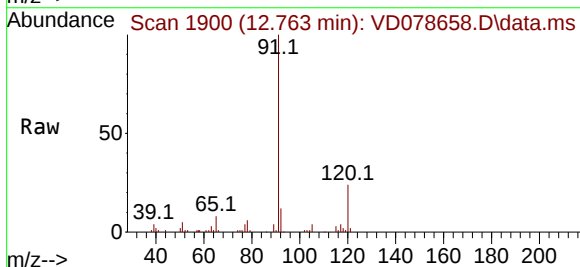
RT: 12.763 min Scan# 1900

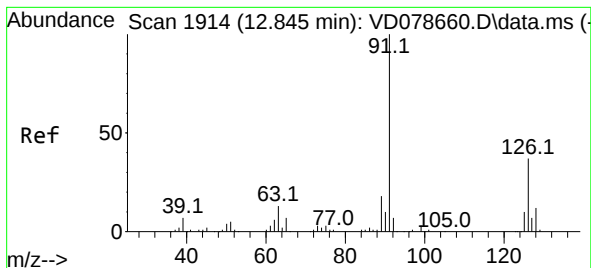
Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Tgt Ion:	91	Resp:	77635
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 10.205 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 43672

Ion Ratio Lower Upper

91 100

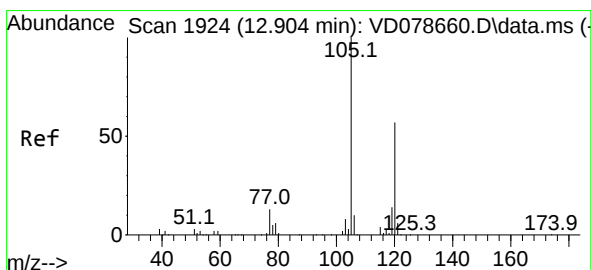
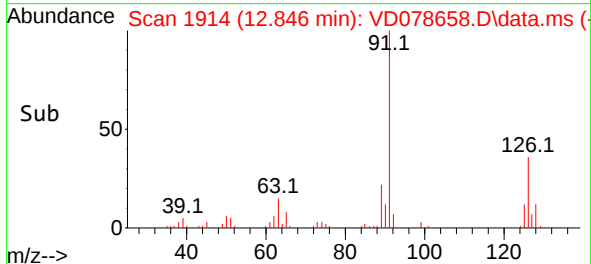
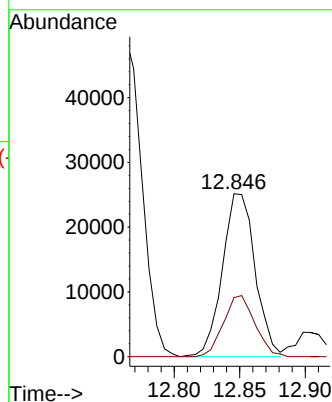
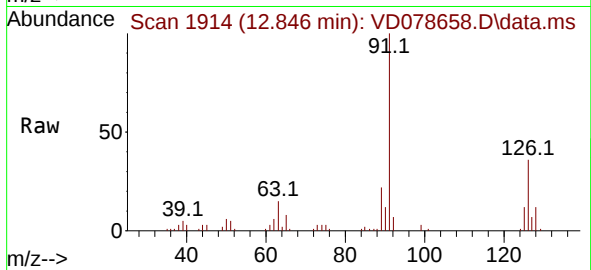
126 35.9 19.4 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024

Supervised By :Semsettin Yesilyurt 03/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 9.691 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078658.D

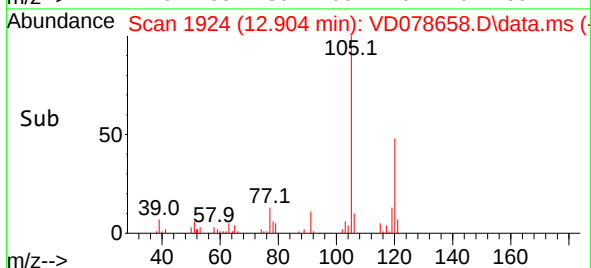
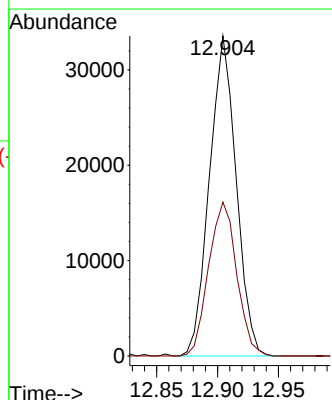
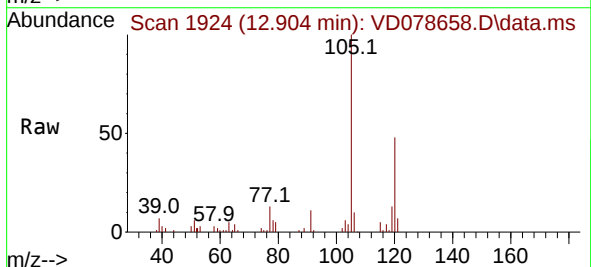
Acq: 14 Mar 2024 10:28

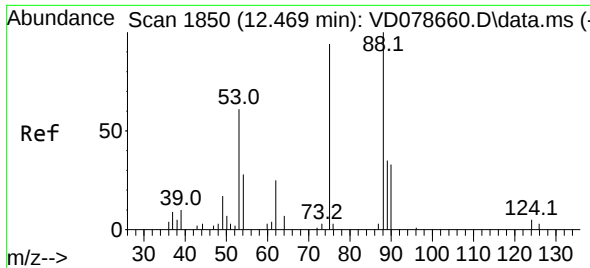
Tgt Ion:105 Resp: 51357

Ion Ratio Lower Upper

105 100

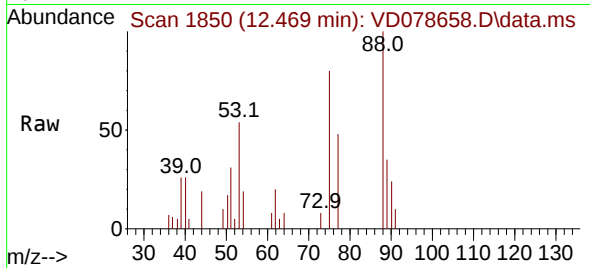
120 50.5 25.9 77.7





#81
trans-1,4-Dichloro-2-butene
Concen: 10.161 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

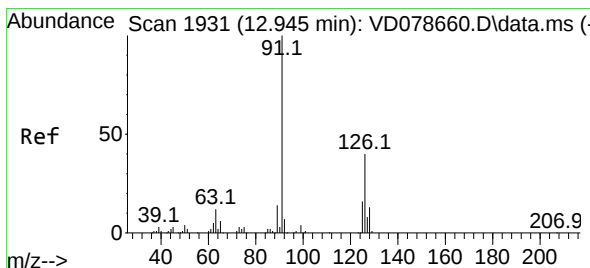
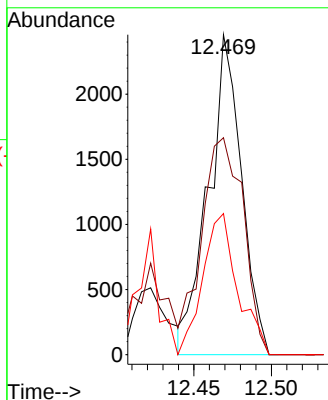
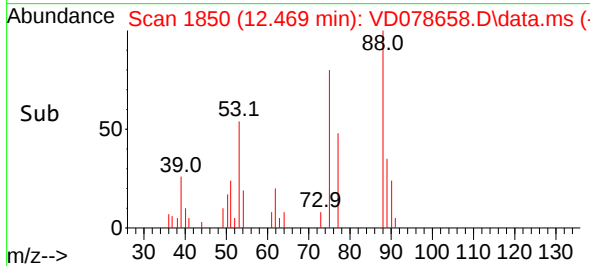
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
53 85.7 61.0 91.6
89 46.6 35.4 53.0

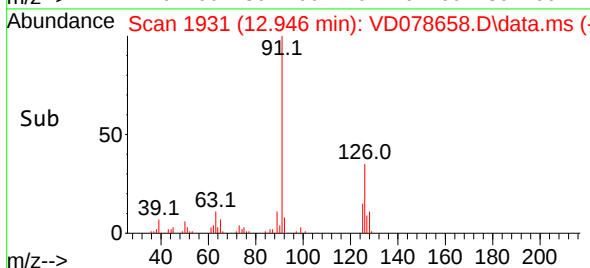
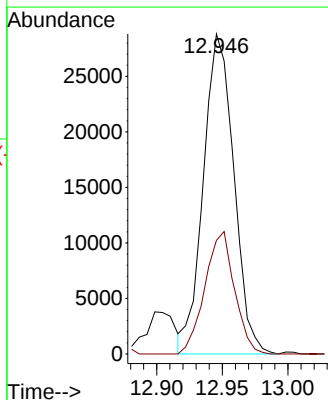
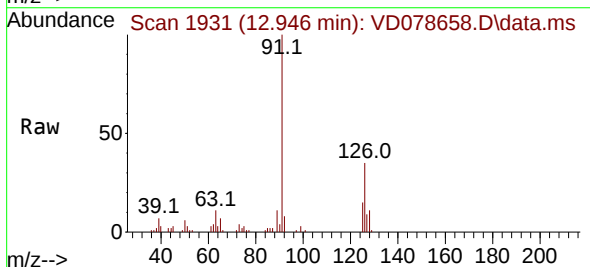
Manual Integrations
APPROVED

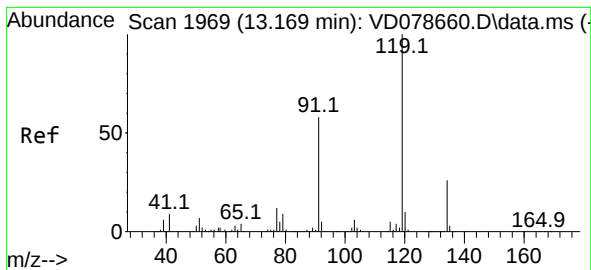
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#82
4-Chlorotoluene
Concen: 10.311 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 91 Resp: 46670
Ion Ratio Lower Upper
91 100
126 37.0 18.9 56.5





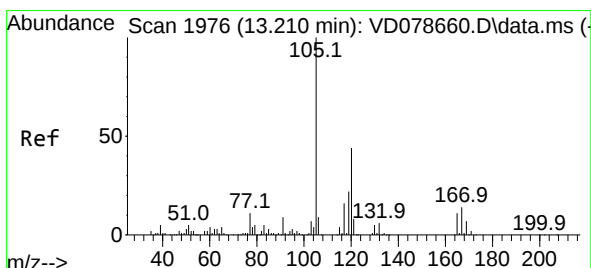
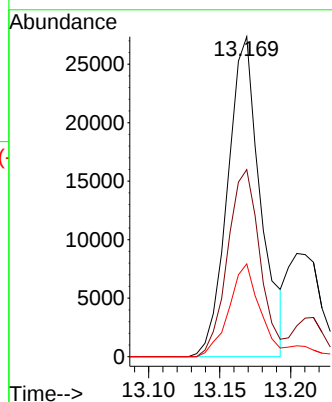
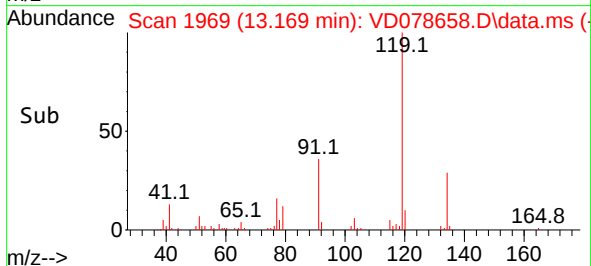
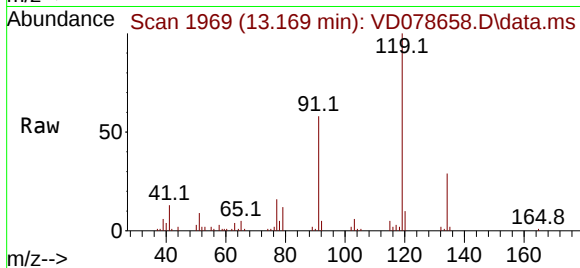
#83
tert-Butylbenzene
Concen: 9.639 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 4404
Ion Ratio Lower Upper
119 100
91 57.6 28.9 86.7
134 27.7 13.6 40.8

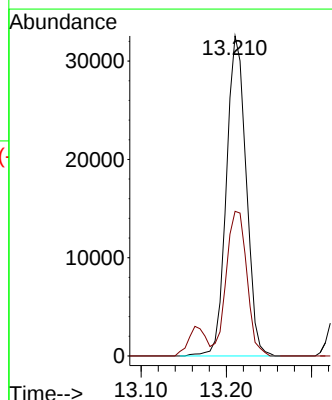
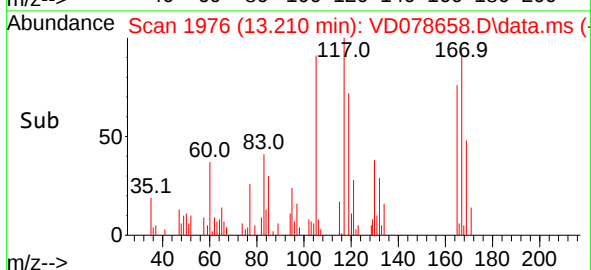
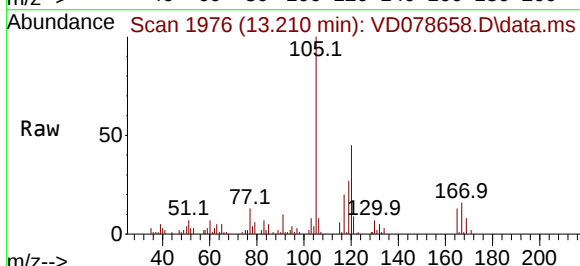
Manual Integrations
APPROVED

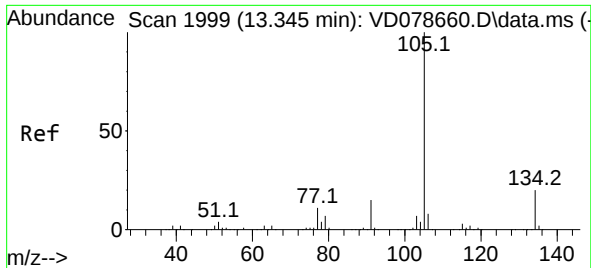
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.809 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

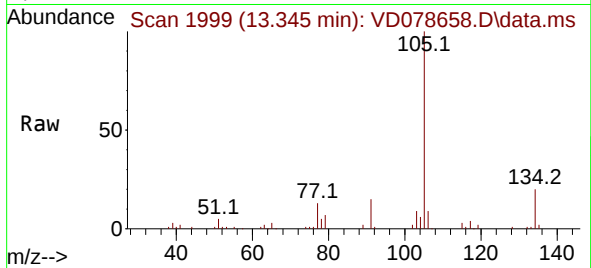
Tgt Ion:105 Resp: 52387
Ion Ratio Lower Upper
105 100
120 47.4 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 9.787 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

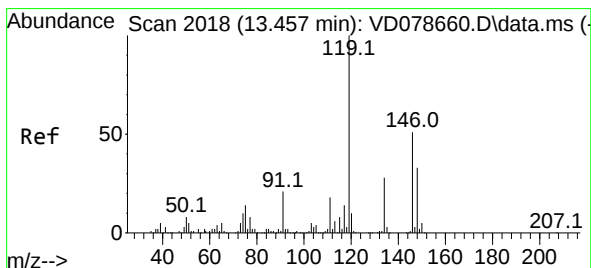
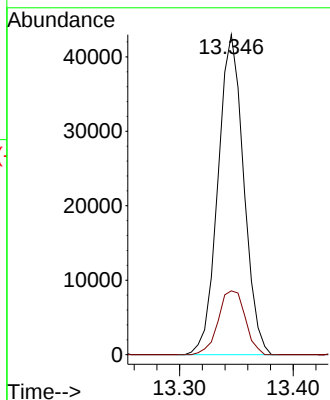
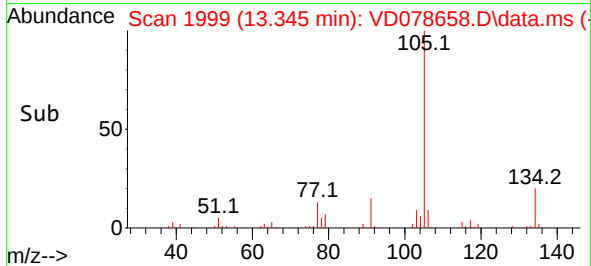
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



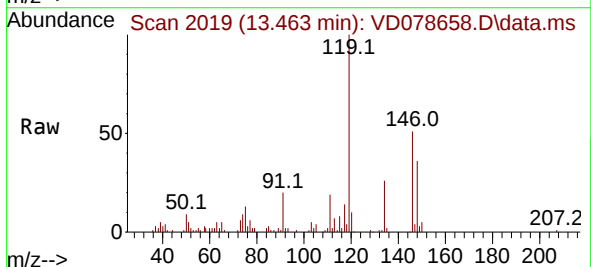
Tgt Ion:105 Resp: 6768
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2

Manual Integrations
 APPROVED

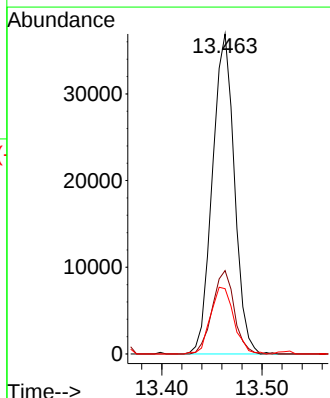
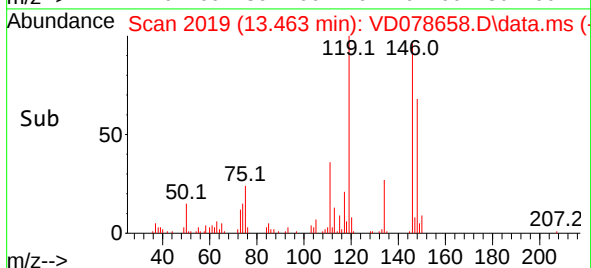
Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

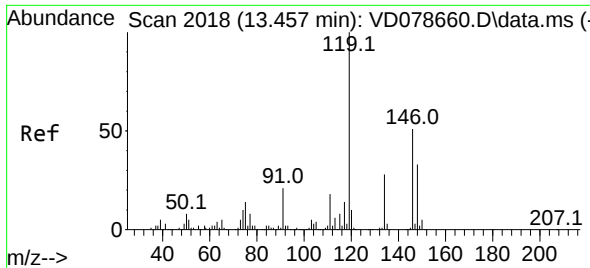


#86
 p-Isopropyltoluene
 Concen: 9.477 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28



Tgt Ion:119 Resp: 56103
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.5
 91 22.3 10.4 31.2





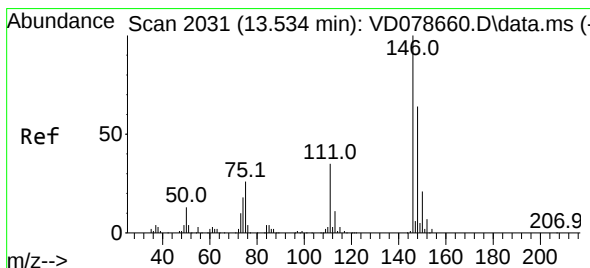
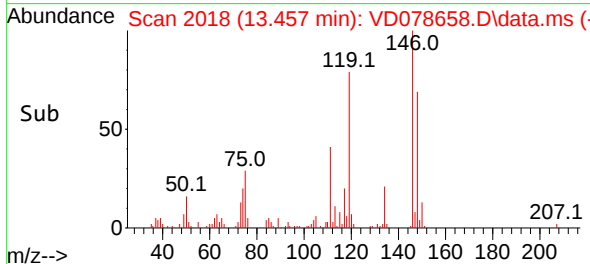
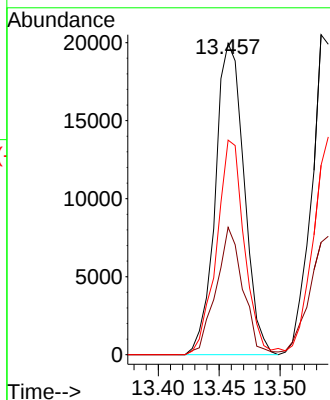
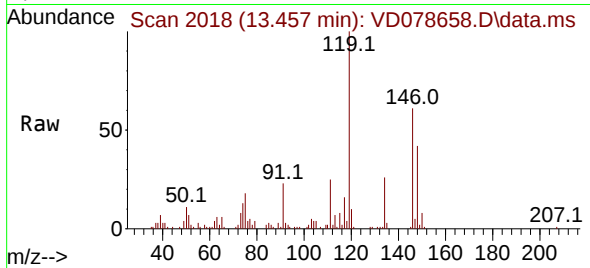
#87
1,3-Dichlorobenzene
Concen: 9.779 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 32799
Ion Ratio Lower Upper
146 100
111 38.6 18.2 54.6
148 66.9 31.1 93.5

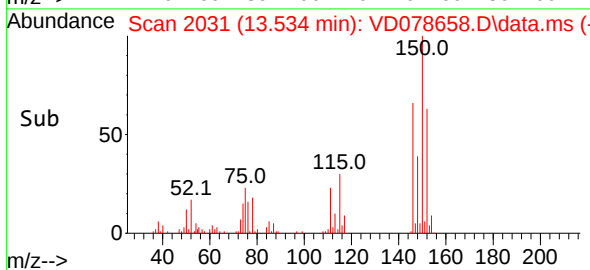
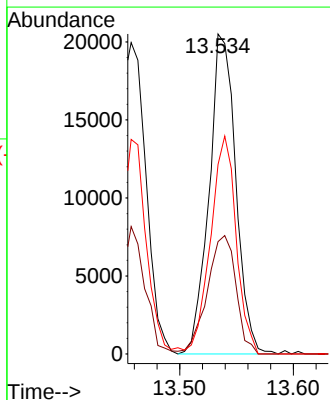
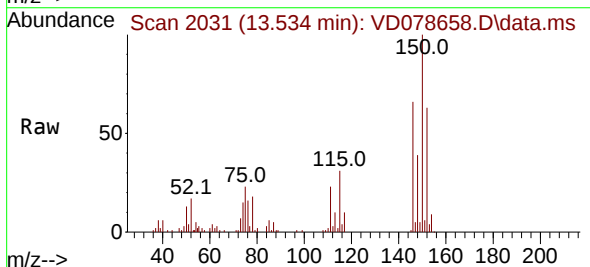
Manual Integrations
APPROVED

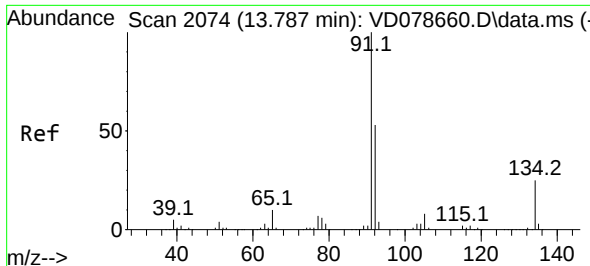
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#88
1,4-Dichlorobenzene
Concen: 10.148 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:146 Resp: 33541
Ion Ratio Lower Upper
146 100
111 39.8 17.8 53.3
148 65.2 32.4 97.0





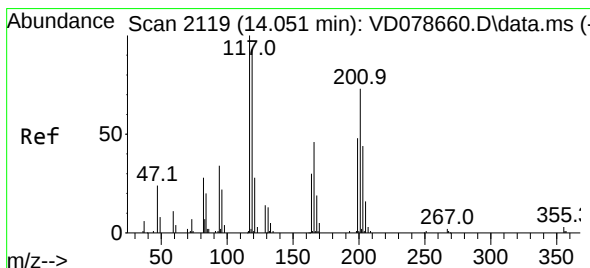
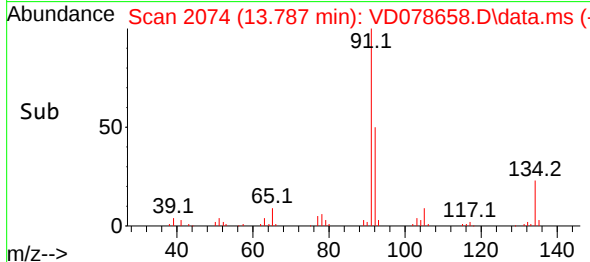
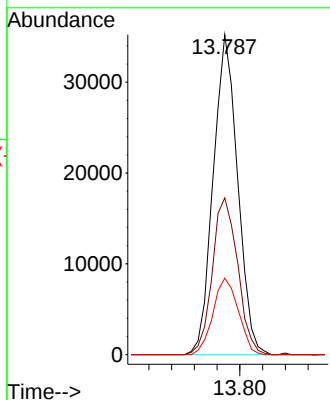
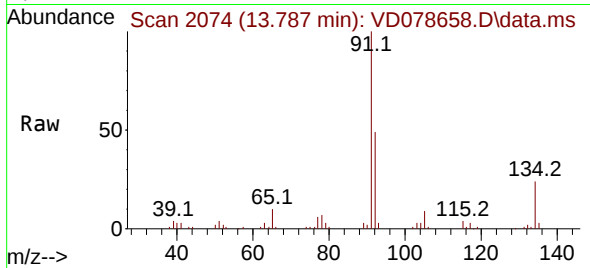
#89
n-Butylbenzene
Concen: 9.830 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 5255
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 24.8 13.0 38.9

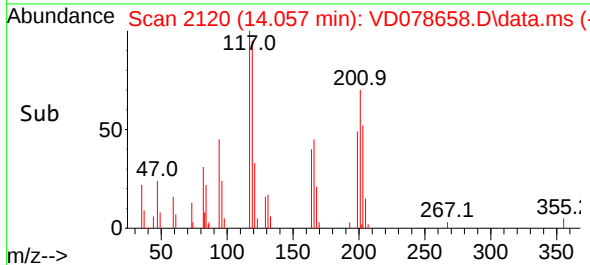
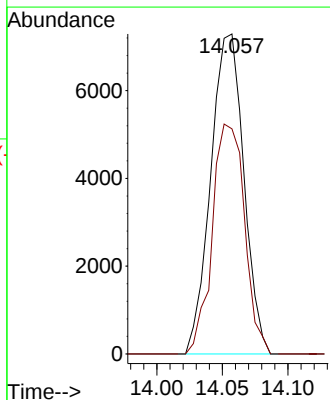
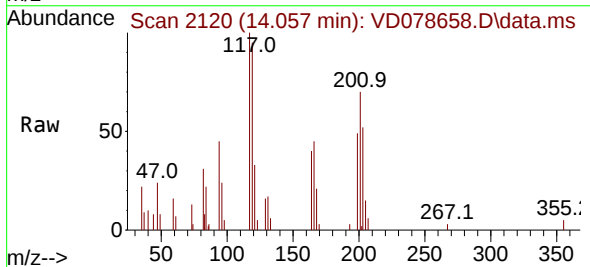
Manual Integrations
APPROVED

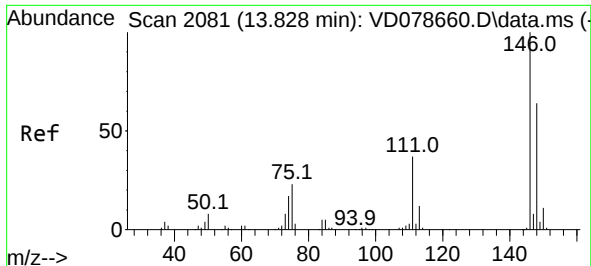
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#90
Hexachloroethane
Concen: 10.452 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

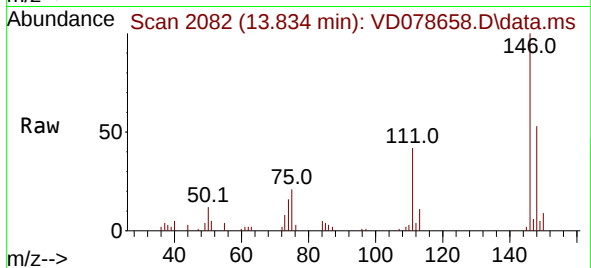
Tgt Ion:117 Resp: 12803
Ion Ratio Lower Upper
117 100
201 70.0 36.2 108.6





#91
1,2-Dichlorobenzene
Concen: 10.288 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

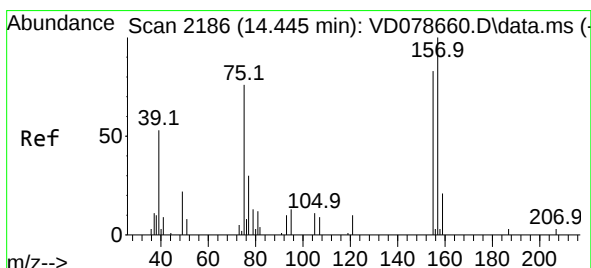
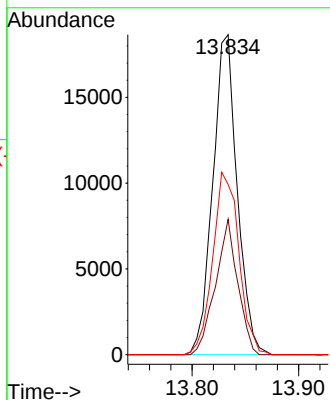
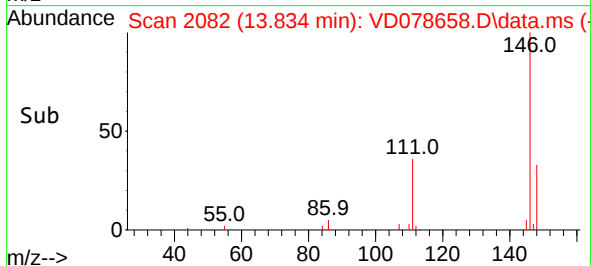
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



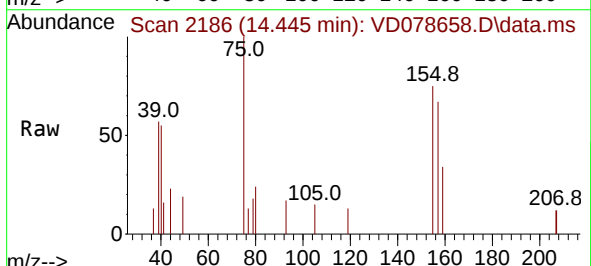
Tgt Ion:146 Resp: 2971
Ion Ratio Lower Upper
146 100
111 38.5 18.6 56.0
148 61.0 32.1 96.5

Manual Integrations
APPROVED

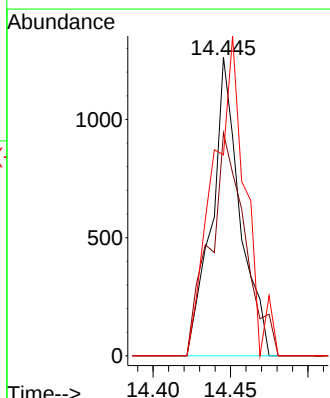
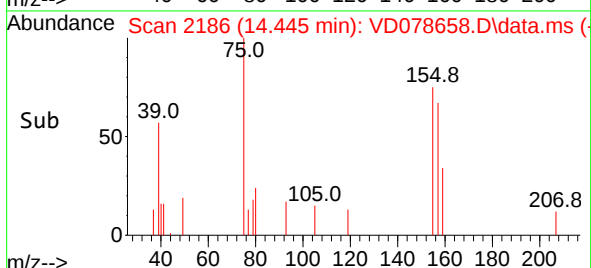
Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

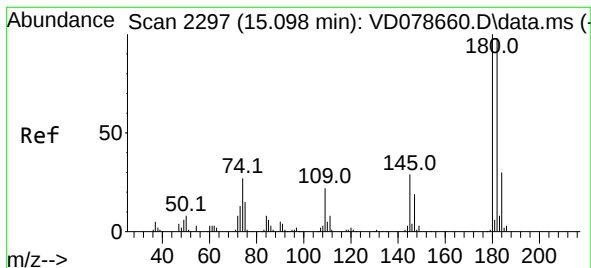


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.056 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28



Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
155 93.0 49.8 149.3
157 122.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 9.269 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

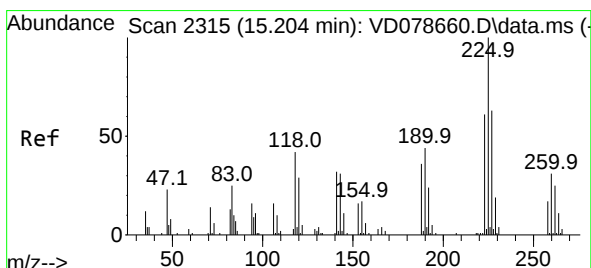
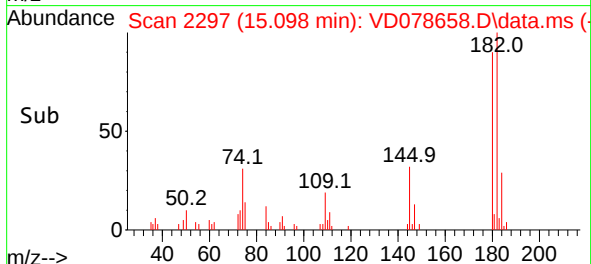
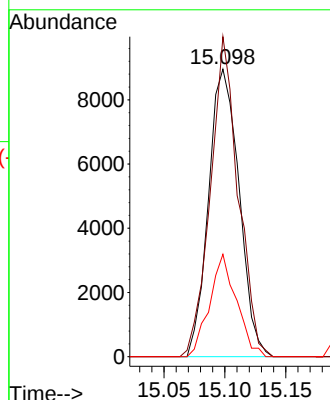
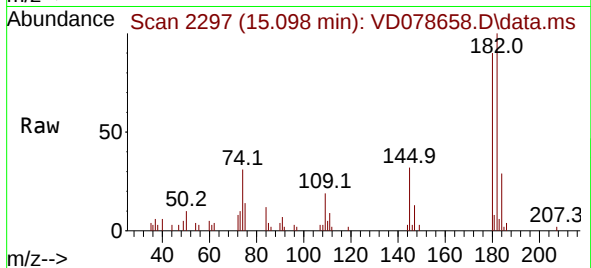
VSTDIC010

Tgt Ion:180	Resp:	15620
Ion Ratio	Lower	Upper
180	100	
182	101.4	49.7 149.1
145	31.4	14.6 44.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#94

Hexachlorobutadiene

Concen: 10.148 ug/l

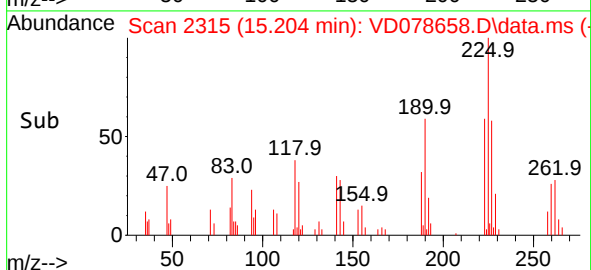
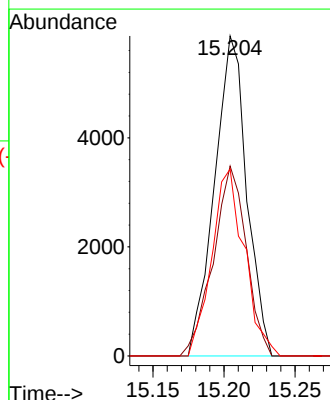
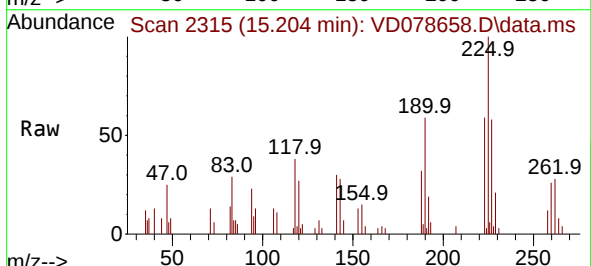
RT: 15.204 min Scan# 2315

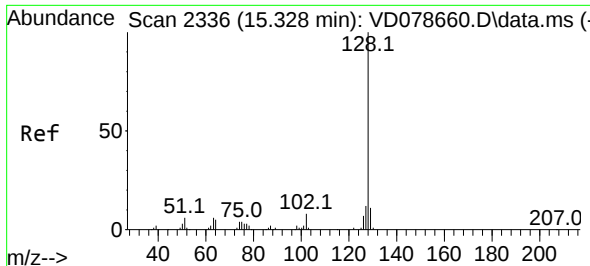
Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

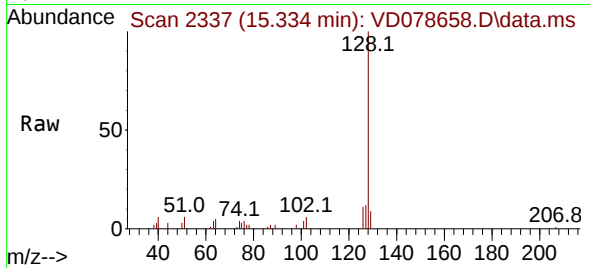
Tgt Ion:225	Resp:	9262
Ion Ratio	Lower	Upper
225	100	
223	60.8	31.9 95.7
227	59.1	32.0 96.0





#95
Naphthalene
Concen: 8.948 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

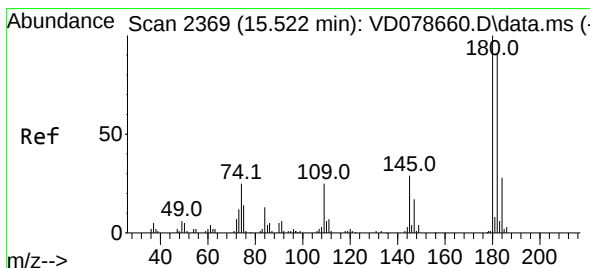
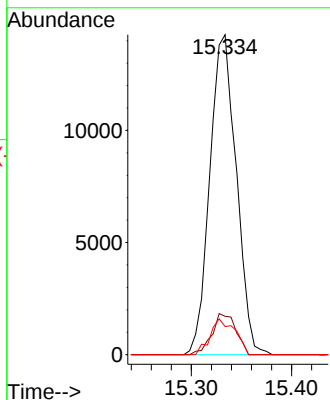
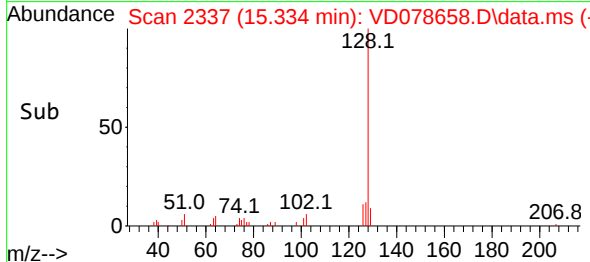
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 2622
Ion Ratio Lower Upper
128 100
127 12.0 9.3 13.9
129 8.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 9.611 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:180 Resp: 14017
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 33.6 14.4 43.4

