

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077341.D
 Acq On : 17 Oct 2023 15:03
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	300912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17158	10.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.660%#		
35) Dibromofluoromethane	7.810	113	22153	10.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.960%#		
50) Toluene-d8	10.269	98	76343	10.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.575	95	20611	9.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.920%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	17444	10.577	ug/l	96
3) Chloromethane	2.152	50	35517	10.575	ug/l	94
4) Vinyl Chloride	2.287	62	40074	10.101	ug/l	100
5) Bromomethane	2.693	94	26121	10.246	ug/l	97
6) Chloroethane	2.840	64	29772	10.675	ug/l	95
7) Trichlorofluoromethane	3.181	101	42223	10.491	ug/l	99
8) Diethyl Ether	3.599	74	10923	10.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	19062	9.155	ug/l	92
10) Methyl Iodide	4.164	142	22506	8.834	ug/l #	87
11) Tert butyl alcohol	5.058	59	4944m	55.481	ug/l	
12) 1,1-Dichloroethene	3.946	96	17338	8.488	ug/l	87
13) Acrolein	3.799	56	7049	45.569	ug/l	96
14) Allyl chloride	4.569	41	17053	8.799	ug/l	98
15) Acrylonitrile	5.252	53	16291	49.838	ug/l	98
16) Acetone	4.016	43	15308	44.068	ug/l	95
17) Carbon Disulfide	4.275	76	56764	9.454	ug/l	99
18) Methyl Acetate	4.575	43	12018	9.941	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	32913	9.460	ug/l #	86
20) Methylene Chloride	4.811	84	27456	9.163	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	21397	10.072	ug/l	91
22) Diisopropyl ether	6.222	45	37369	9.822	ug/l #	89
23) Vinyl Acetate	6.158	43	86268	48.387	ug/l	100
24) 1,1-Dichloroethane	6.110	63	32497	10.274	ug/l	96
25) 2-Butanone	7.087	43	17401	48.290	ug/l	91
26) 2,2-Dichloropropane	7.075	77	30375	10.532	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	23967	10.061	ug/l	98
28) Bromochloromethane	7.428	49	12564	10.874	ug/l	97
29) Tetrahydrofuran	7.446	42	9634	46.348	ug/l	98
30) Chloroform	7.599	83	38660	10.652	ug/l	84
31) Cyclohexane	7.875	56	25104	10.186	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	32565	10.401	ug/l	95
36) 1,1-Dichloropropene	8.004	75	26815	9.653	ug/l	100
37) Ethyl Acetate	7.169	43	8449	9.683	ug/l #	75
38) Carbon Tetrachloride	7.993	117	29761	9.631	ug/l	91
39) Methylcyclohexane	9.275	83	28666	8.493	ug/l	93
40) Benzene	8.252	78	81057	9.616	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	3798	9.120	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	19629	9.886	ug/l	97
43) Isopropyl Acetate	8.363	43	14539	9.256	ug/l	96
44) Trichloroethene	9.028	130	22932	9.305	ug/l	99
45) 1,2-Dichloropropane	9.304	63	19353	9.959	ug/l	98
46) Dibromomethane	9.393	93	11925	9.816	ug/l	98
47) Bromodichloromethane	9.587	83	29426	10.158	ug/l	98
48) Methyl methacrylate	9.375	41	6436	9.057	ug/l	93
49) 1,4-Dioxane	9.381	88	1918	191.674	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	36262	46.051	ug/l	95
52) Toluene	10.334	92	50413	9.159	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	24730	9.511	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	30247	9.507	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	16901	10.045	ug/l	94
56) Ethyl methacrylate	10.598	69	12993	8.080	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	24204	9.364	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	36275	45.616	ug/l	96
59) 2-Hexanone	10.922	43	25923	45.837	ug/l	90
60) Dibromochloromethane	11.075	129	21003	9.776	ug/l	97
61) 1,2-Dibromoethane	11.181	107	15360	9.688	ug/l	100
64) Tetrachloroethene	10.810	164	20267	9.573	ug/l	90
65) Chlorobenzene	11.610	112	59660	9.609	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	22472	9.521	ug/l	97
67) Ethyl Benzene	11.687	91	89577	8.703	ug/l	97
68) m/p-Xylenes	11.793	106	74626	17.657	ug/l	98
69) o-Xylene	12.122	106	33435	8.594	ug/l	97
70) Styrene	12.134	104	56860	8.566	ug/l	97
71) Bromoform	12.298	173	12250	9.468	ug/l #	99
73) Isopropylbenzene	12.422	105	83890	8.774	ug/l	99
74) N-amyl acetate	12.234	43	12927	9.398	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	17378	10.002	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	12098m	7.181	ug/l	
77) Bromobenzene	12.704	156	23066	9.189	ug/l	98
78) n-propylbenzene	12.763	91	104700	9.093	ug/l	99
79) 2-Chlorotoluene	12.851	91	58451	9.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	71138	9.016	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	4897	9.078	ug/l	98
82) 4-Chlorotoluene	12.945	91	63199	9.679	ug/l	100
83) tert-Butylbenzene	13.169	119	61210	8.750	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	69779	8.784	ug/l	99
85) sec-Butylbenzene	13.345	105	95320	9.055	ug/l	98
86) p-Isopropyltoluene	13.463	119	79680	8.713	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	49425	9.356	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	52420	10.014	ug/l	98
89) n-Butylbenzene	13.787	91	70750	8.885	ug/l	98
90) Hexachloroethane	14.057	117	18485	10.000	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	42763	9.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2155	10.134	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	24734	8.896	ug/l	97
94) Hexachlorobutadiene	15.204	225	14290	9.050	ug/l	98
95) Naphthalene	15.334	128	38701	8.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21554	8.931	ug/l	98

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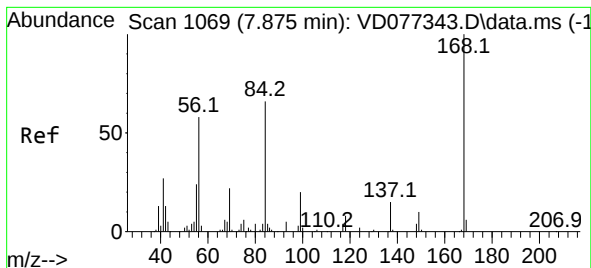
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2023

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Quant Title : SW846 8260
QLast Update : Wed Oct 18 02:44:21 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:168 Resp: 17740

Ion Ratio Lower Upper

168 100

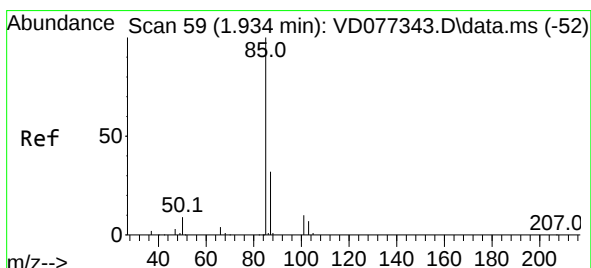
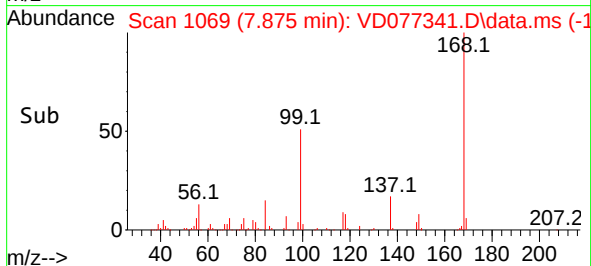
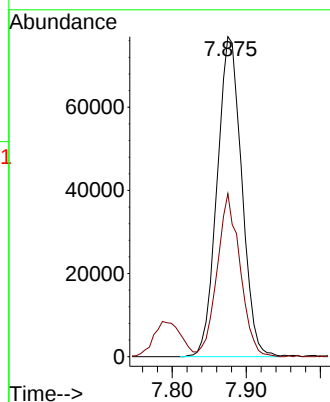
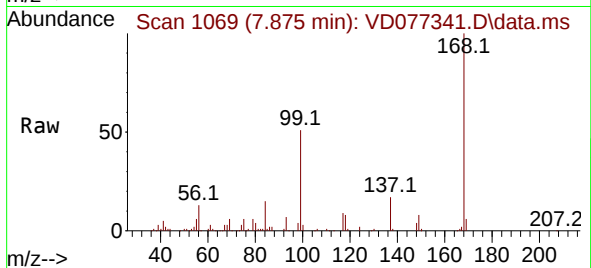
99 51.0 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#2

Dichlorodifluoromethane

Concen: 10.577 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077341.D

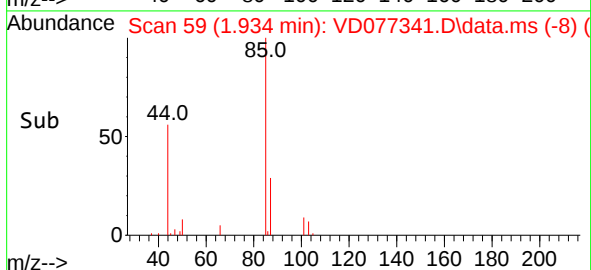
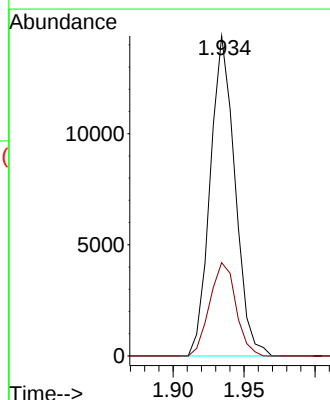
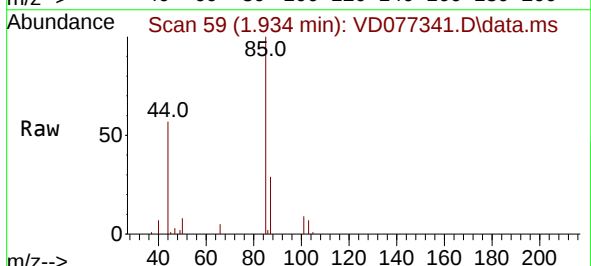
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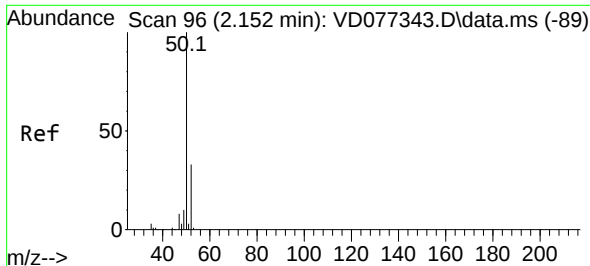
Tgt Ion: 85 Resp: 17444

Ion Ratio Lower Upper

85 100

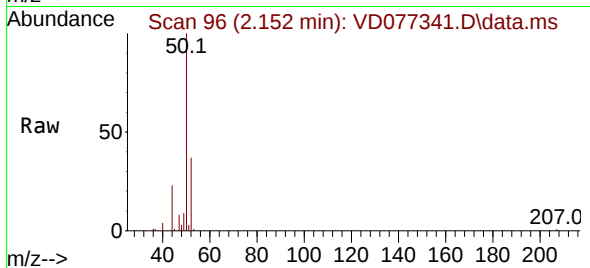
87 29.2 15.7 47.0





#3
Chloromethane
Concen: 10.575 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

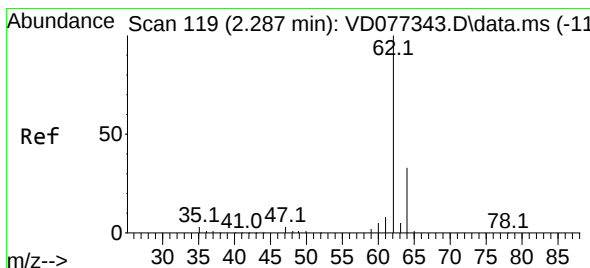
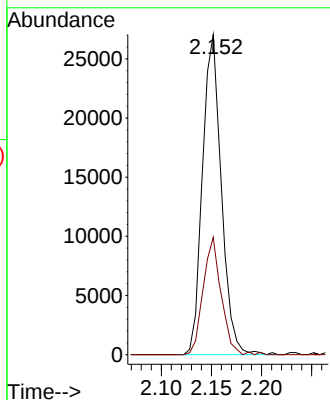
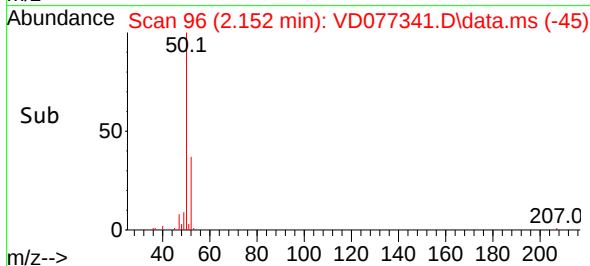
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 3551
Ion Ratio Lower Upper
50 100
52 36.7 26.6 40.0

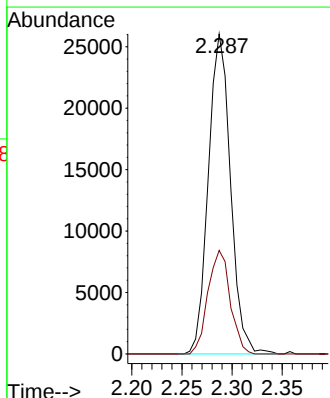
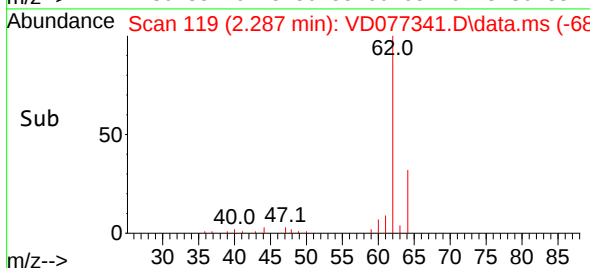
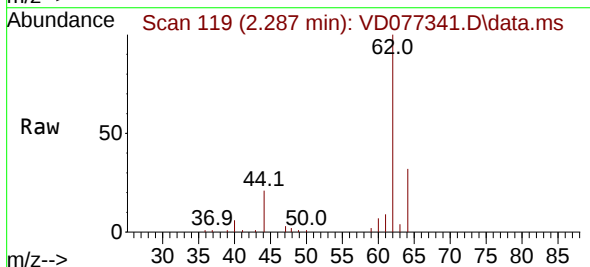
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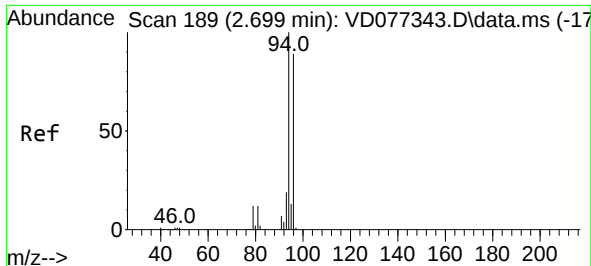
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#4
Vinyl Chloride
Concen: 10.101 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 62 Resp: 40074
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





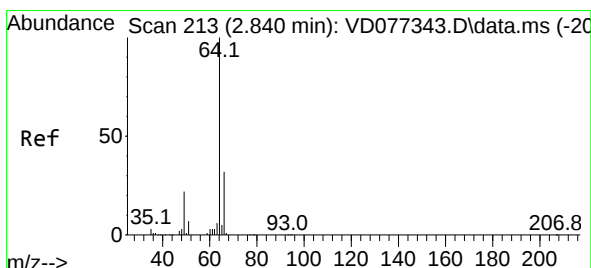
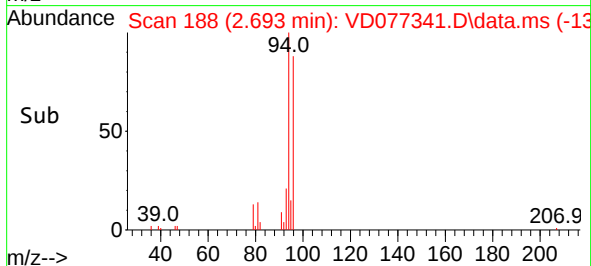
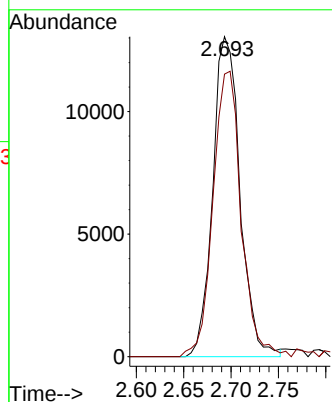
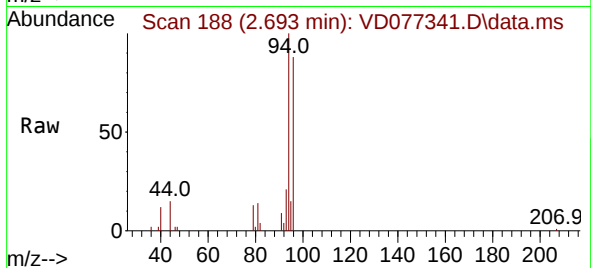
#5
Bromomethane
Concen: 10.246 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 2612
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.8

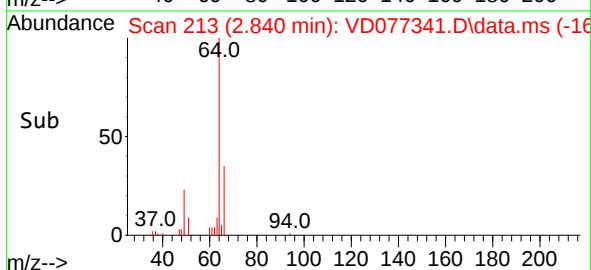
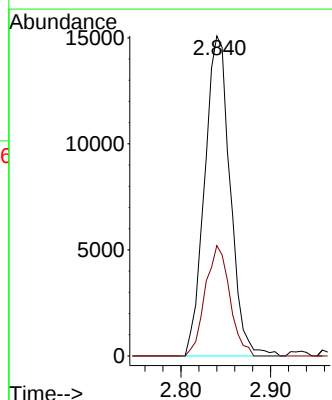
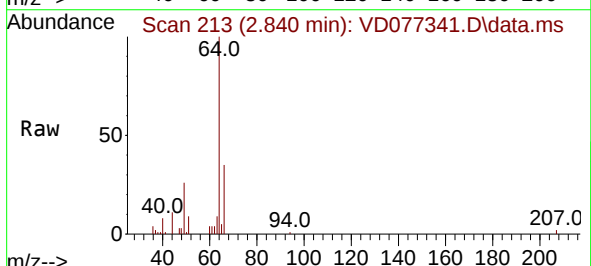
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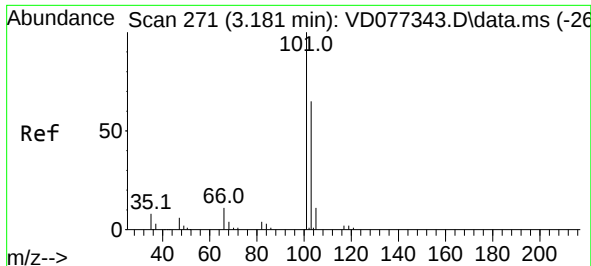
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#6
Chloroethane
Concen: 10.675 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 64 Resp: 29772
Ion Ratio Lower Upper
64 100
66 34.5 25.5 38.3





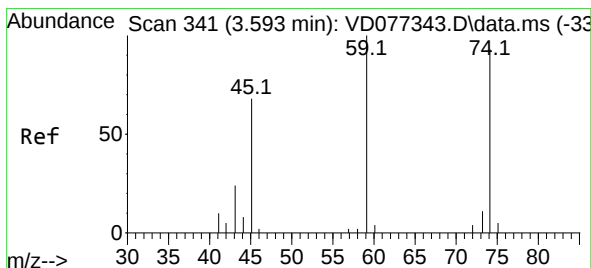
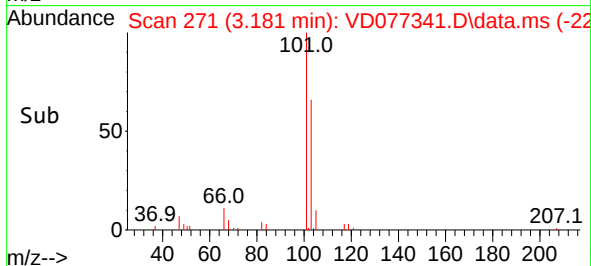
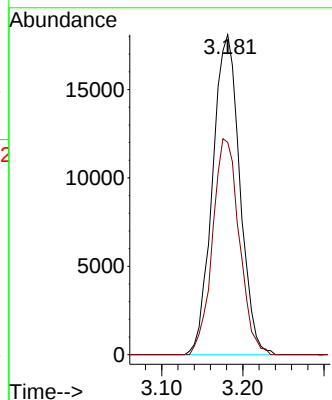
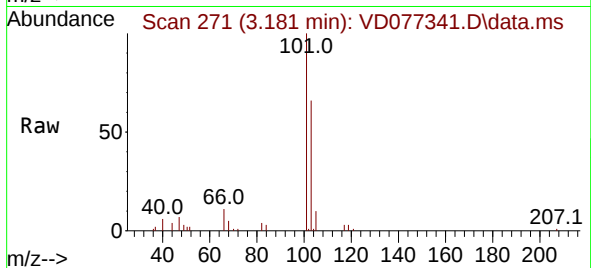
#7
Trichlorofluoromethane
Concen: 10.491 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 4222
Ion Ratio Lower Upper
101 100
103 66.4 52.3 78.5

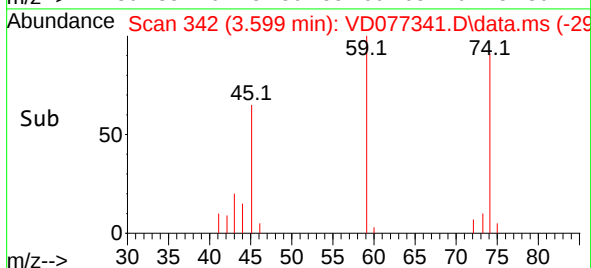
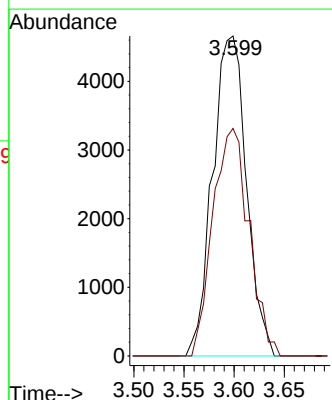
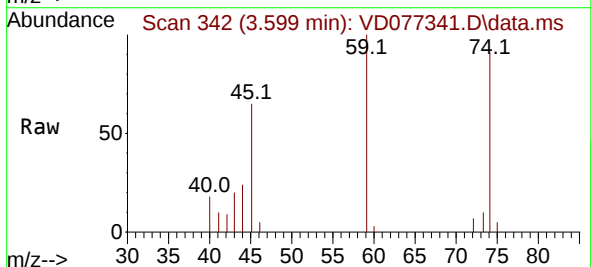
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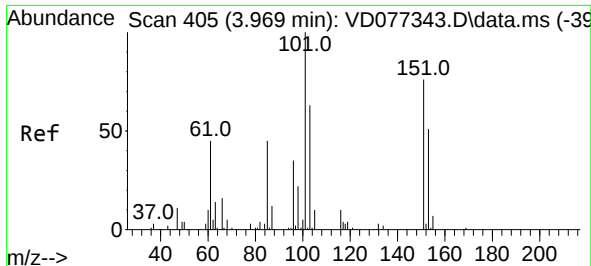
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#8
Diethyl Ether
Concen: 10.126 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 74 Resp: 10923
Ion Ratio Lower Upper
74 100
45 75.9 37.5 112.7





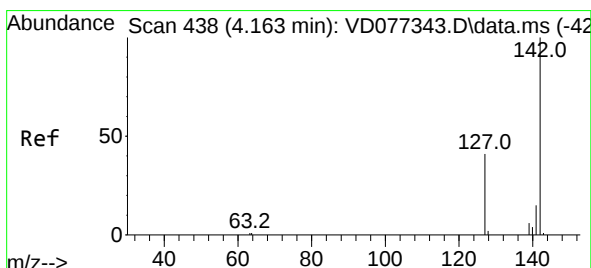
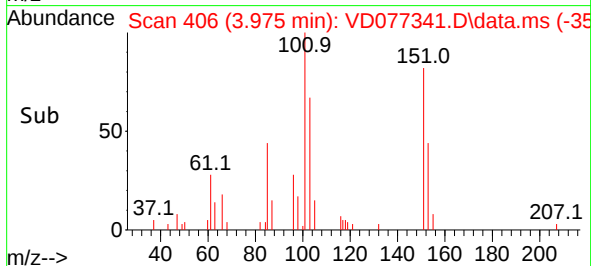
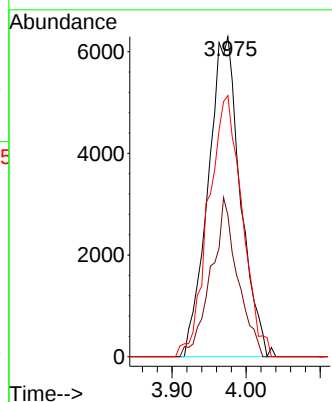
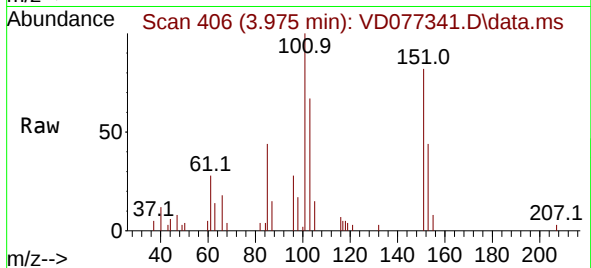
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.155 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC010

Tgt Ion:101 Resp: 1906
Ion Ratio Lower Upper
101 100
85 41.0 33.8 50.6
151 84.9 59.8 89.6

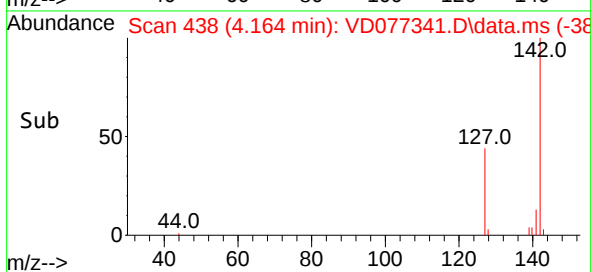
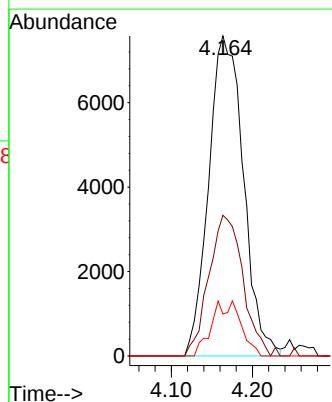
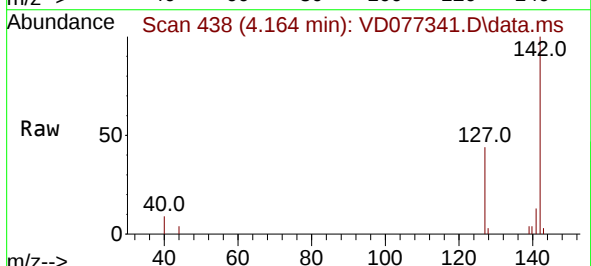
Manual Integrations
APPROVED

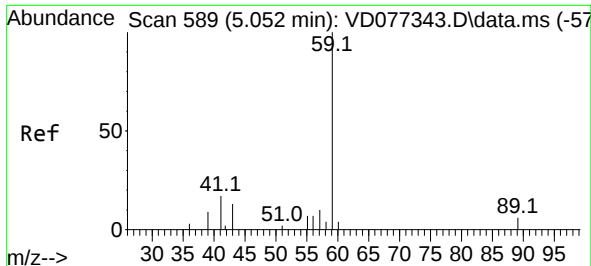
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
Methyl Iodide
Concen: 8.834 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

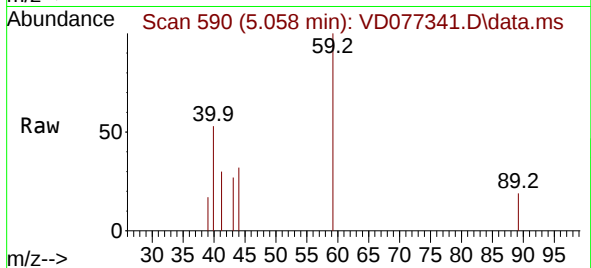
Tgt Ion:142 Resp: 22506
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 6.8 11.1 16.7#





#11
Tert butyl alcohol
Concen: 55.481 ug/l m
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

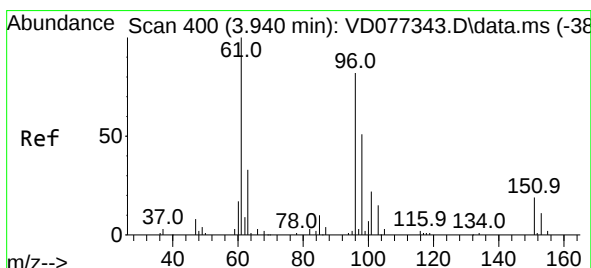
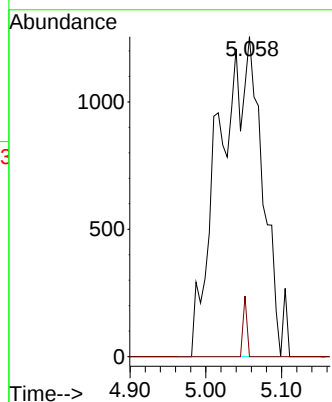
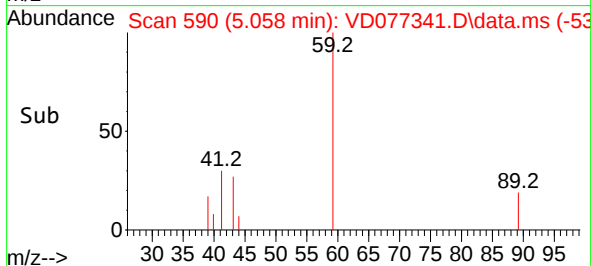
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



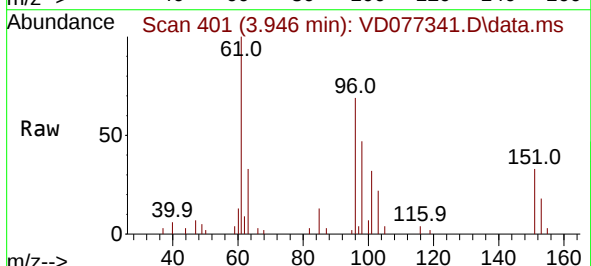
Tgt Ion: 59 Resp: 4944
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
APPROVED

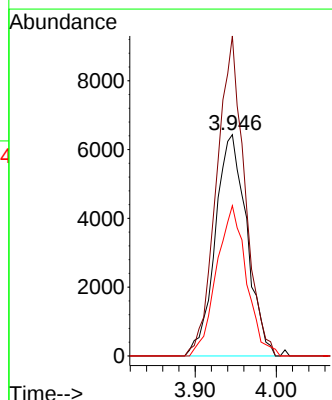
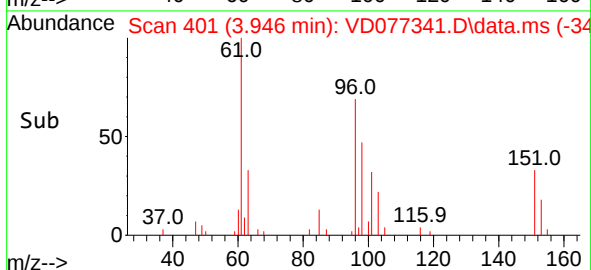
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

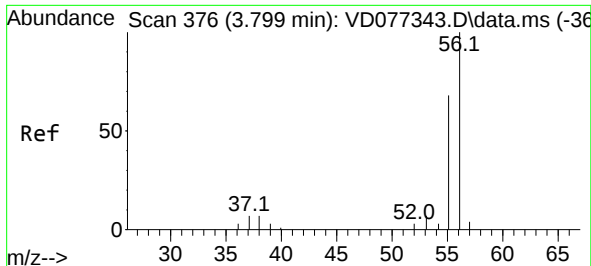


#12
1,1-Dichloroethene
Concen: 8.488 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03



Tgt Ion: 96 Resp: 17338
Ion Ratio Lower Upper
96 100
61 144.7 100.6 150.8
98 67.9 50.2 75.2





#13

Acrolein

Concen: 45.569 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 7049

Ion Ratio Lower Upper

56 100

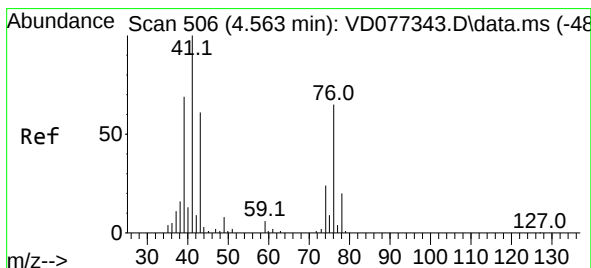
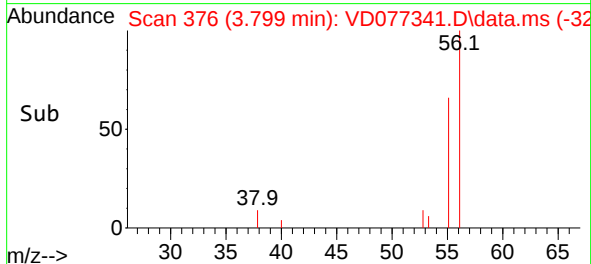
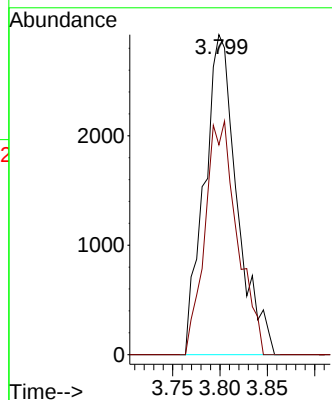
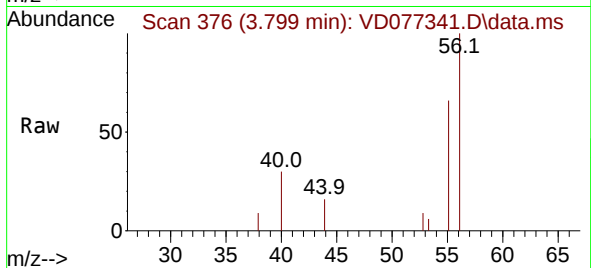
55 71.8 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#14

Allyl chloride

Concen: 8.799 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

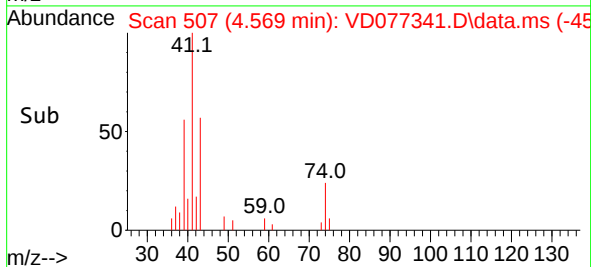
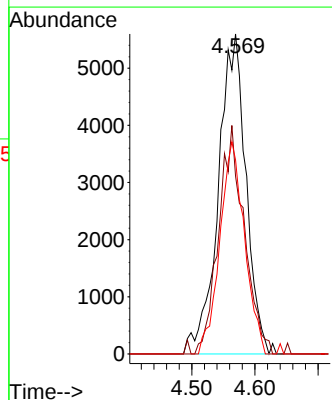
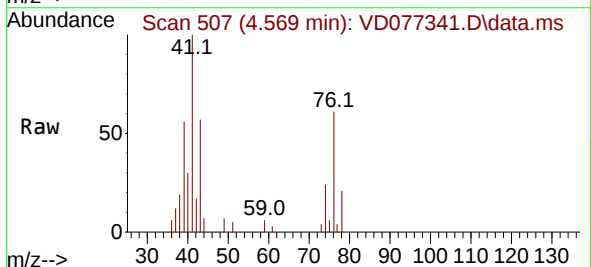
Tgt Ion: 41 Resp: 17053

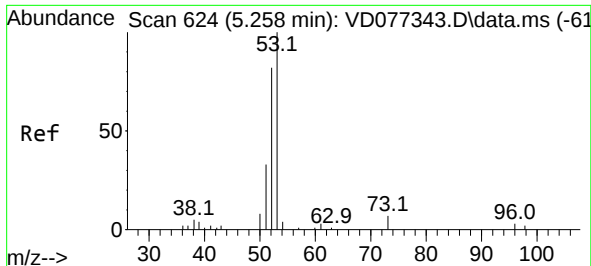
Ion Ratio Lower Upper

41 100

39 66.2 53.8 80.6

76 59.1 45.8 68.8





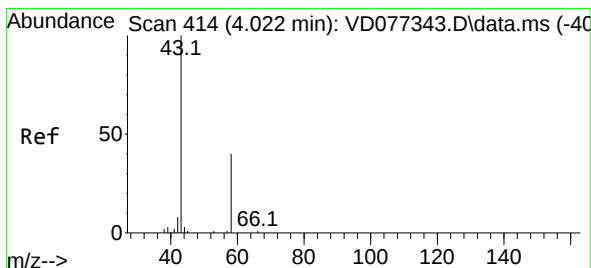
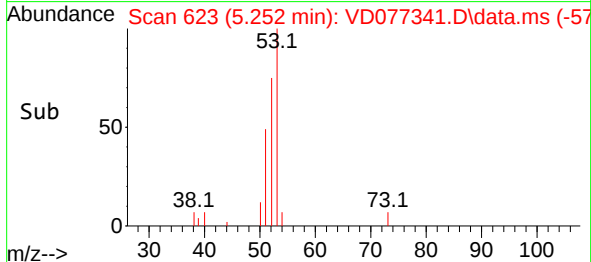
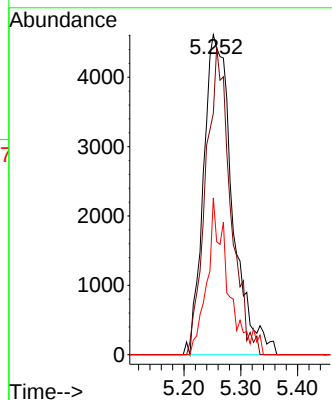
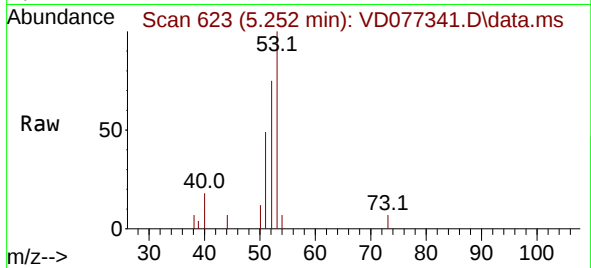
#15
Acrylonitrile
Concen: 49.838 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 1629
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 33.8 28.3 42.5

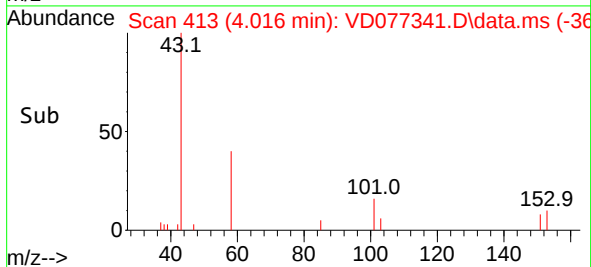
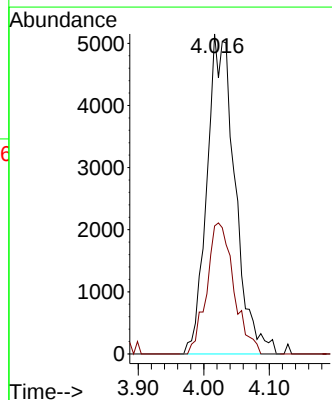
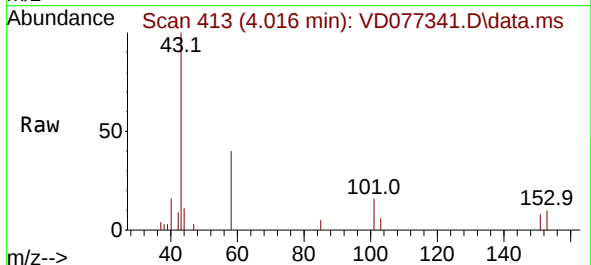
Manual Integrations
APPROVED

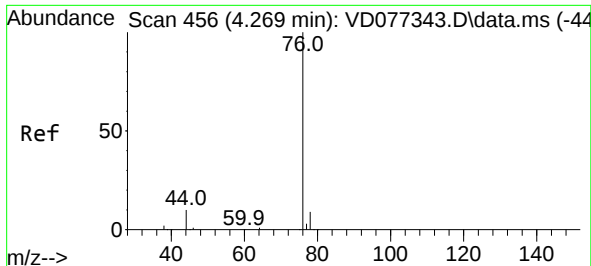
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#16
Acetone
Concen: 44.068 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 43 Resp: 15308
Ion Ratio Lower Upper
43 100
58 40.0 34.7 52.1





#17

Carbon Disulfide

Concen: 9.454 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 5676

Ion Ratio Lower Upper

76 100

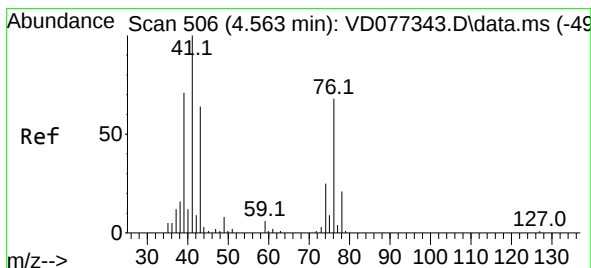
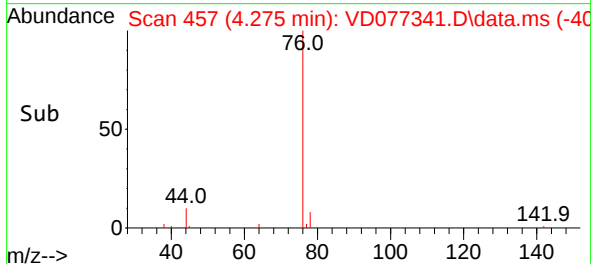
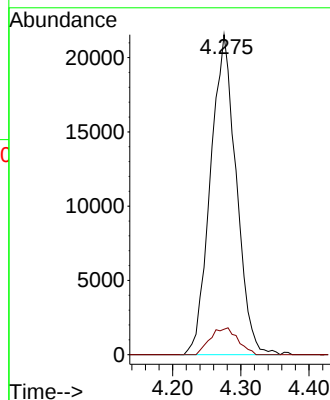
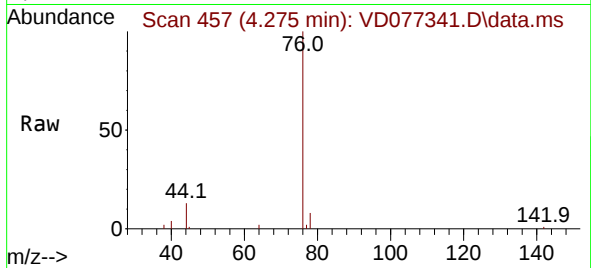
78 8.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#18

Methyl Acetate

Concen: 9.941 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD077341.D

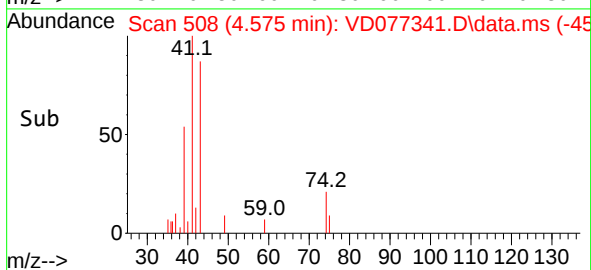
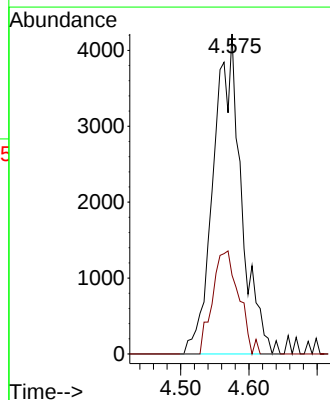
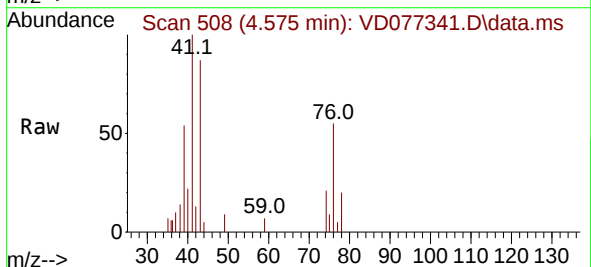
Acq: 17 Oct 2023 15:03

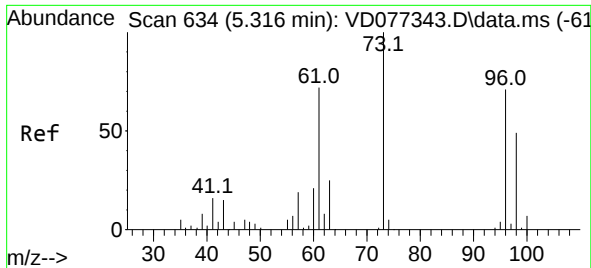
Tgt Ion: 43 Resp: 12018

Ion Ratio Lower Upper

43 100

74 30.2 26.4 39.6





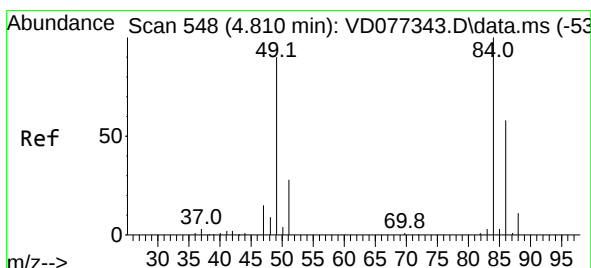
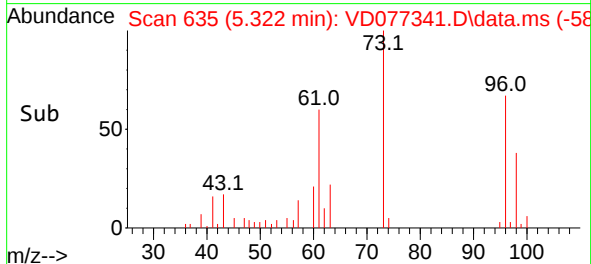
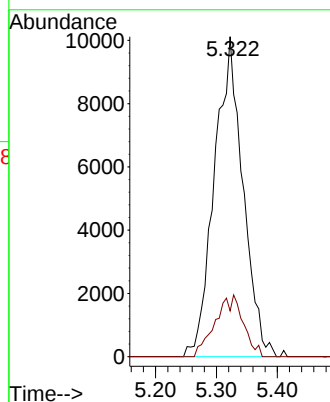
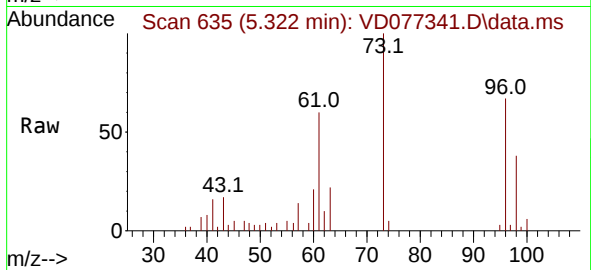
#19
Methyl tert-butyl Ether
Concen: 9.460 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 3291
Ion Ratio Lower Upper
73 100
57 14.3 16.6 25.0

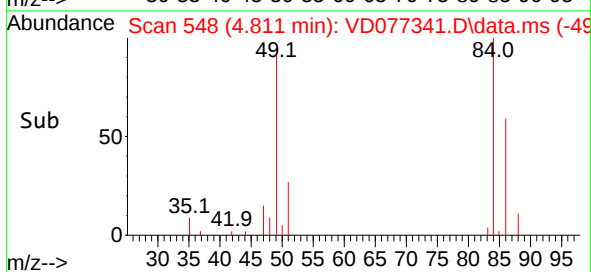
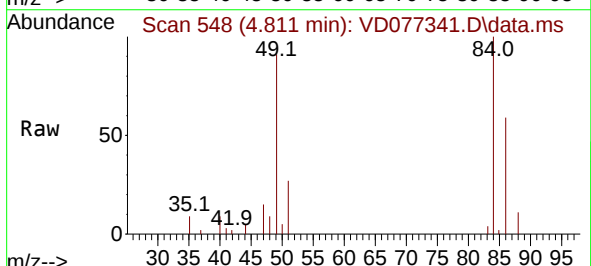
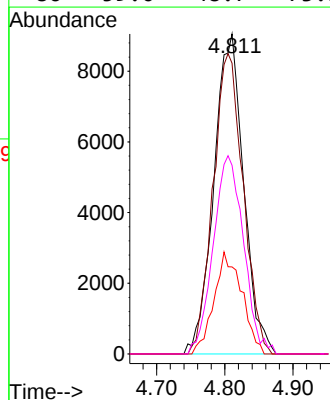
Manual Integrations
APPROVED

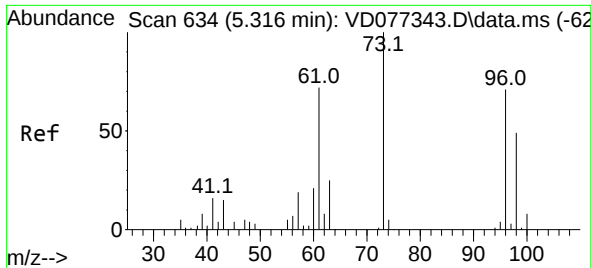
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Methylene Chloride
Concen: 9.163 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.001 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 84 Resp: 27456
Ion Ratio Lower Upper
84 100
49 90.9 71.4 107.2
51 27.2 24.5 36.7
86 59.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 10.072 ug/l
RT: 5.311 min Scan# 613
Delta R.T. -0.005 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

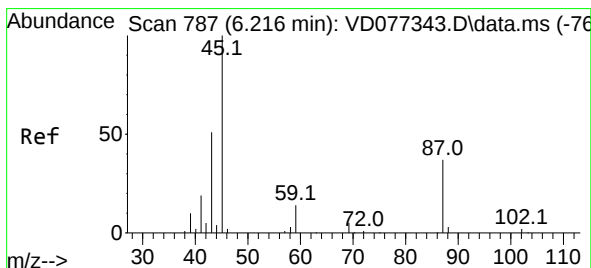
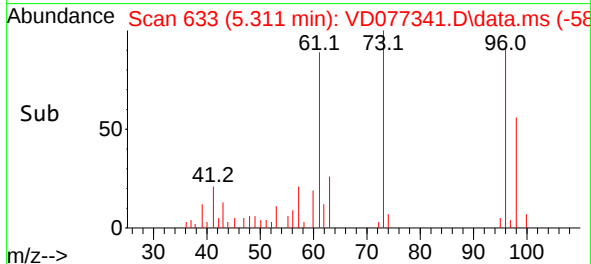
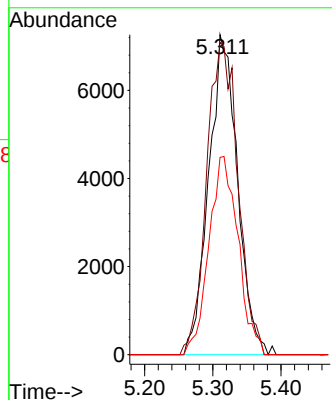
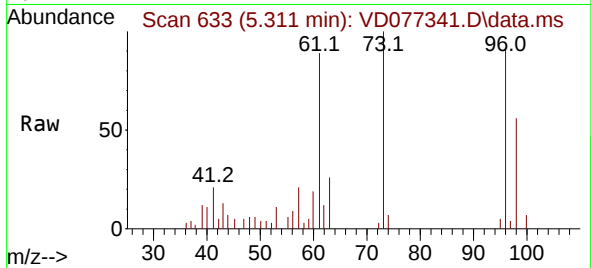
VSTDICC010

Tgt Ion: 96 Resp: 2139
Ion Ratio Lower Upper
96 100
61 97.6 89.3 133.9
98 61.6 48.6 73.0

Manual Integrations

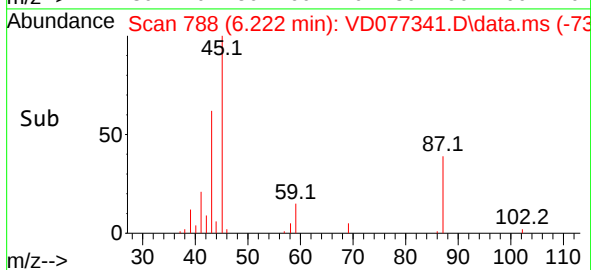
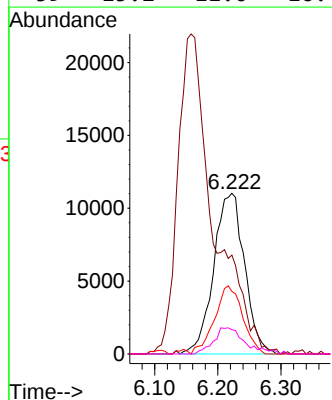
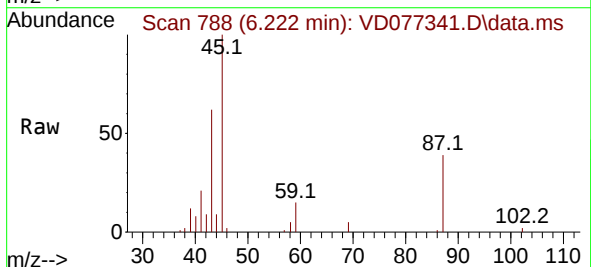
APPROVED

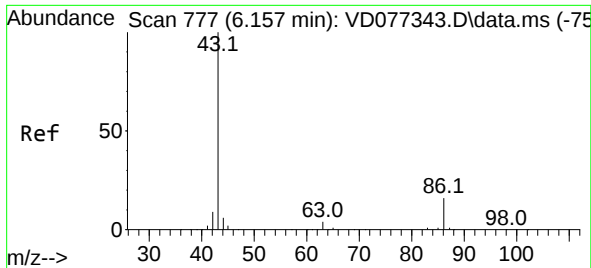
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#22
Diisopropyl ether
Concen: 9.822 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 45 Resp: 37369
Ion Ratio Lower Upper
45 100
43 61.6 40.0 60.0#
87 39.0 28.2 42.4
59 15.2 11.0 16.4





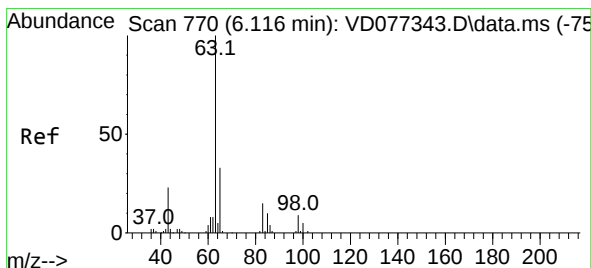
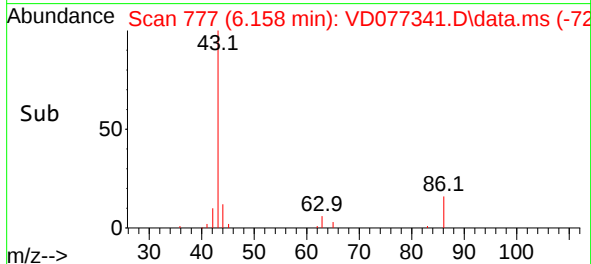
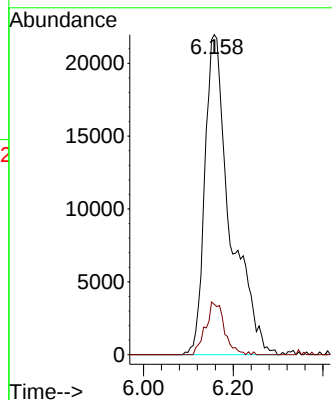
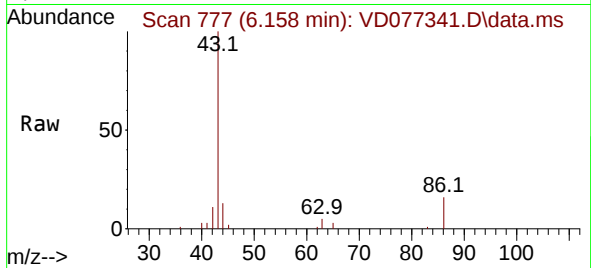
#23
 Vinyl Acetate
 Concen: 48.387 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 8626
 Ion Ratio Lower Upper
 43 100
 86 15.7 12.5 18.7

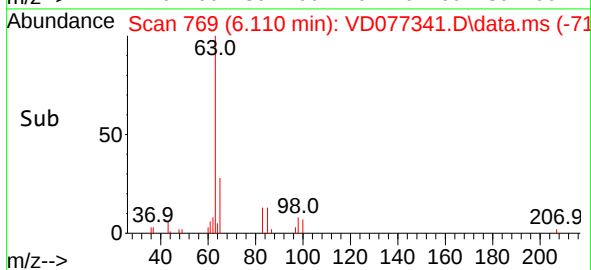
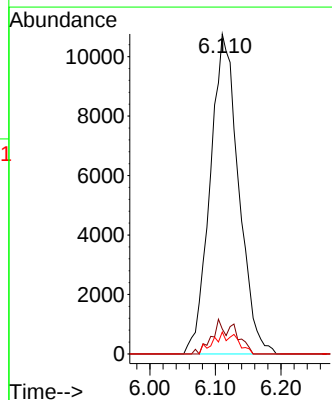
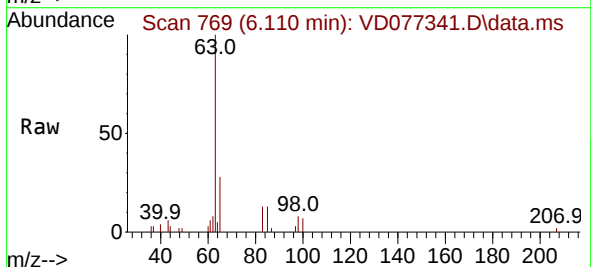
Manual Integrations
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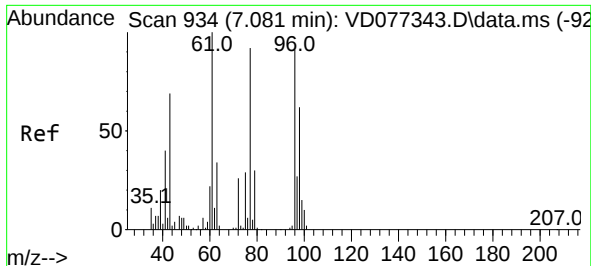
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 10.274 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

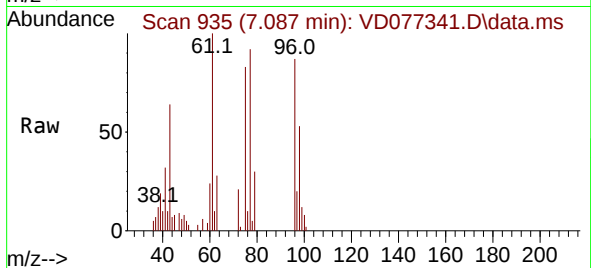
Tgt Ion: 63 Resp: 32497
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 6.8 2.5 7.5





#25
2-Butanone
Concen: 48.290 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

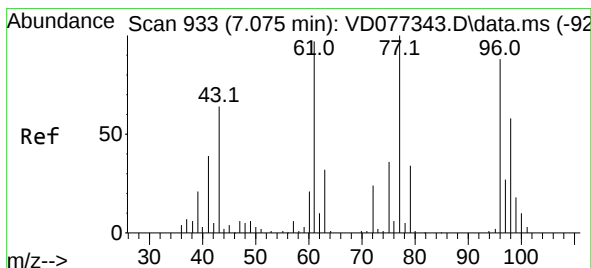
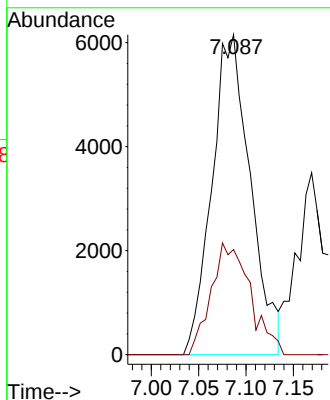
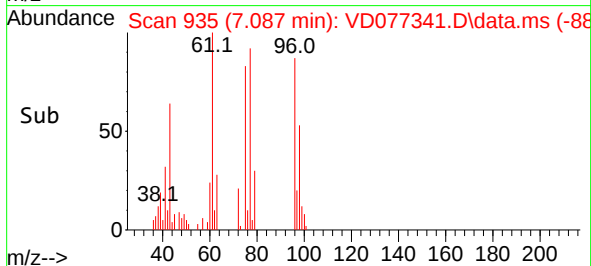
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
72 32.9 30.7 46.1

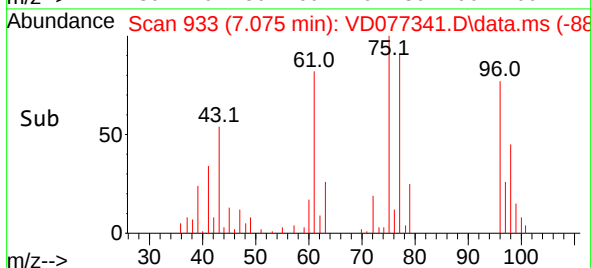
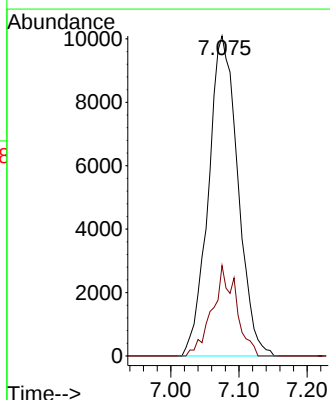
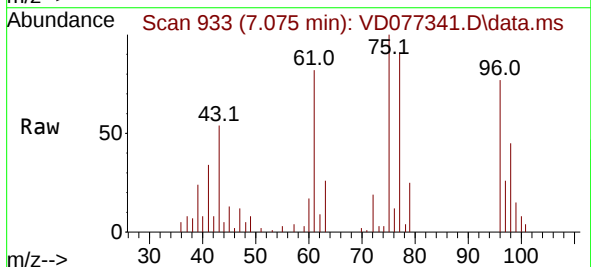
Manual Integrations
APPROVED

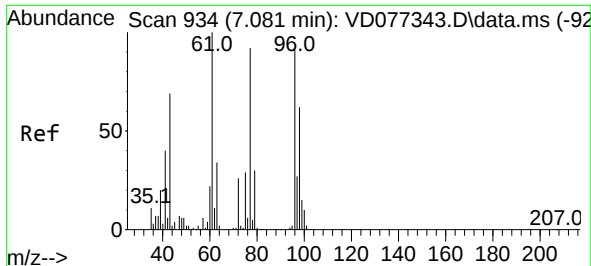
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
2,2-Dichloropropane
Concen: 10.532 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

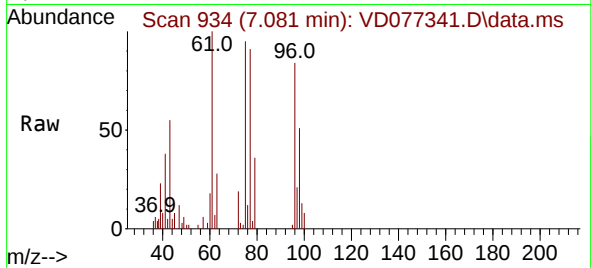
Tgt Ion: 77 Resp: 30375
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 10.061 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

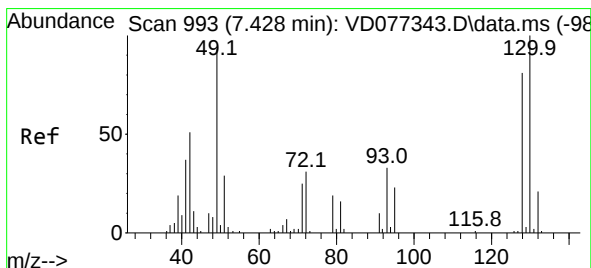
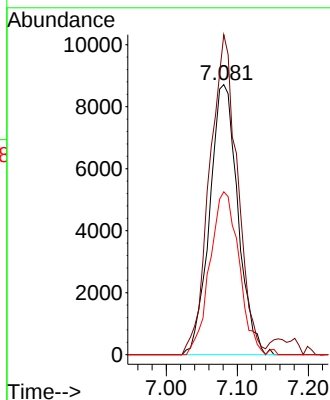
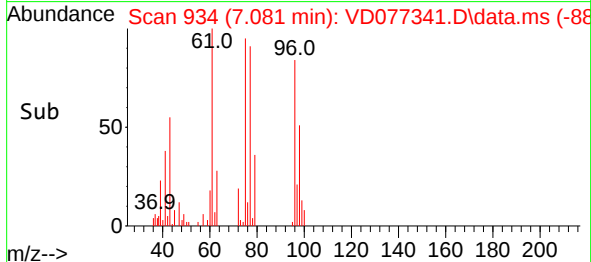
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 2396
 Ion Ratio Lower Upper
 96 100
 61 117.3 0.0 239.2
 98 62.1 0.0 128.6

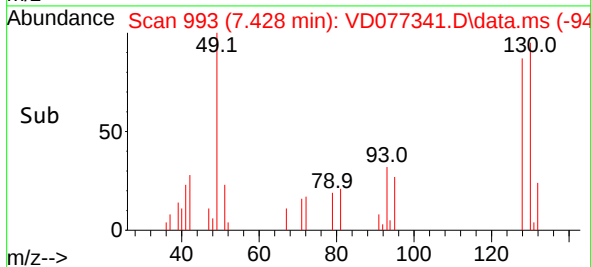
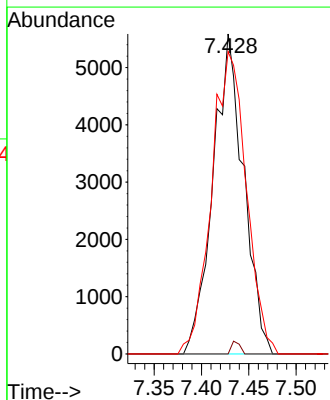
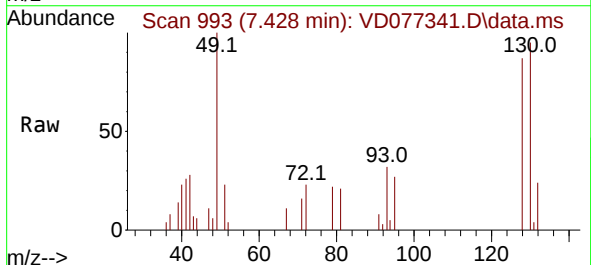
Manual Integrations
 APPROVED

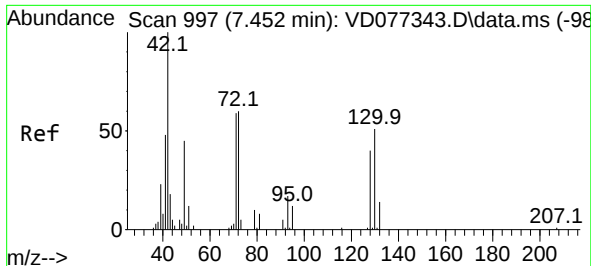
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#28
 Bromochloromethane
 Concen: 10.874 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

Tgt Ion: 49 Resp: 12564
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 107.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 46.348 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

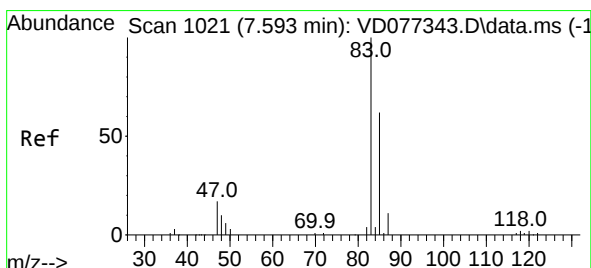
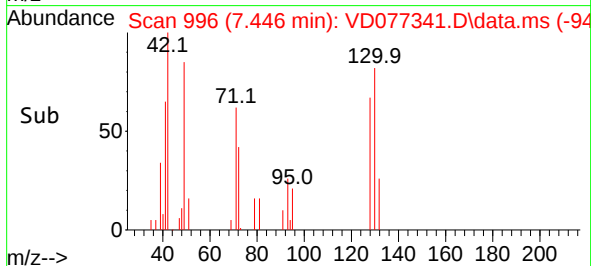
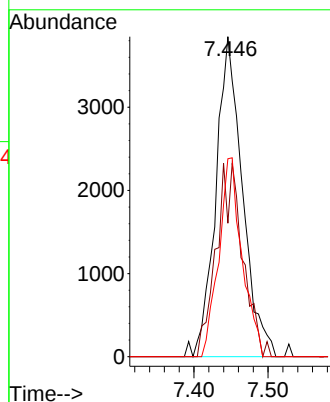
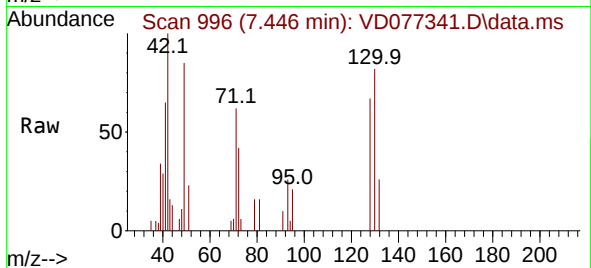
VSTDIC010

Tgt Ion:	42	Resp:	9634
Ion Ratio	Lower	Upper	
42	100		
72	59.9	46.5	69.7
71	53.9	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30

Chloroform

Concen: 10.652 ug/l

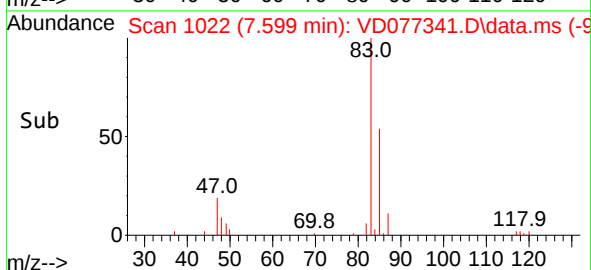
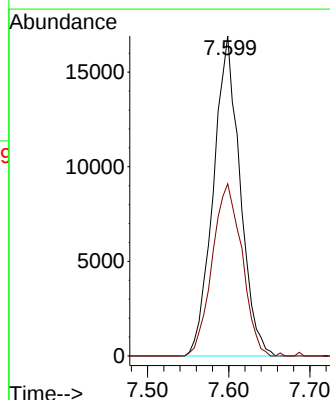
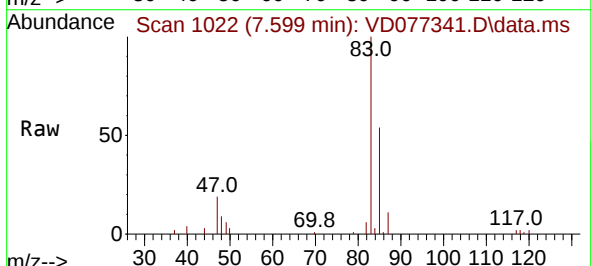
RT: 7.599 min Scan# 1022

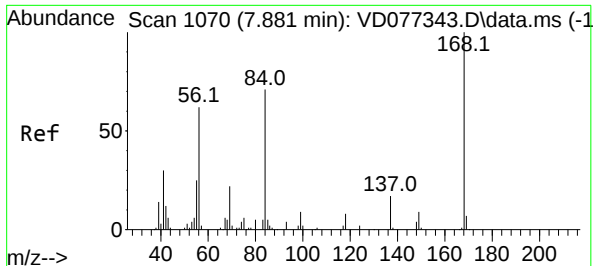
Delta R.T. 0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

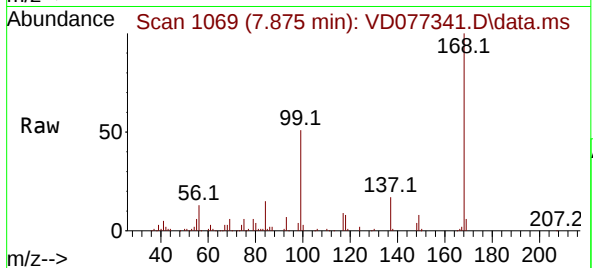
Tgt Ion:	83	Resp:	38660
Ion Ratio	Lower	Upper	
83	100		
85	53.8	53.4	80.2





#31
Cyclohexane
Concen: 10.186 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

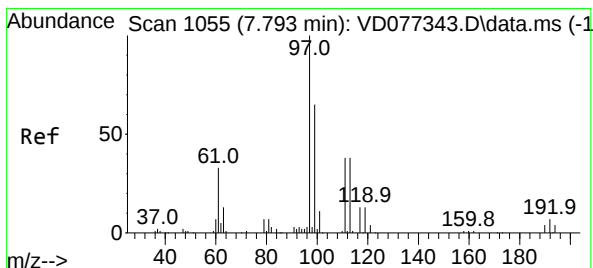
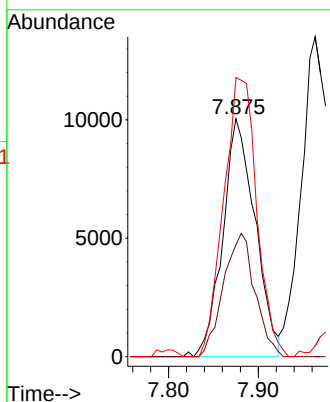
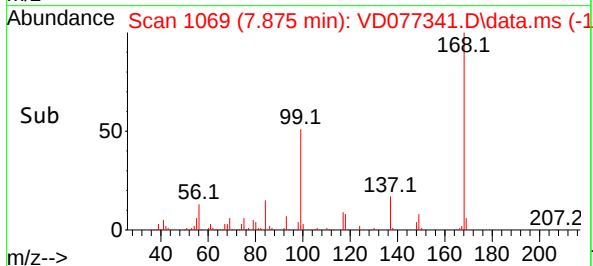
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 25104
Ion Ratio Lower Upper
56 100
69 47.1 28.6 43.0
84 115.8 84.8 127.2

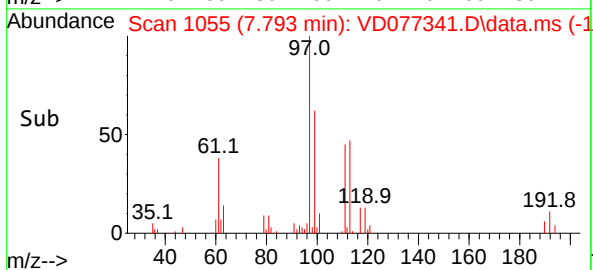
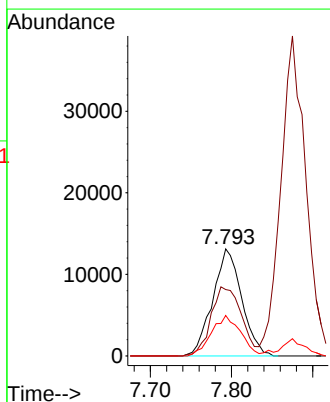
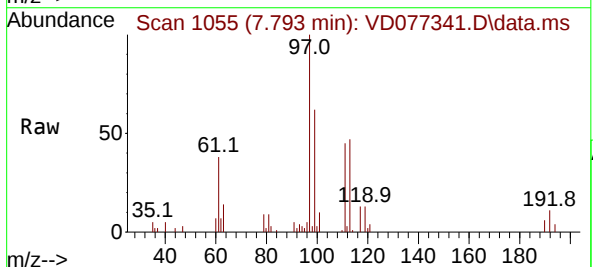
Manual Integrations
APPROVED

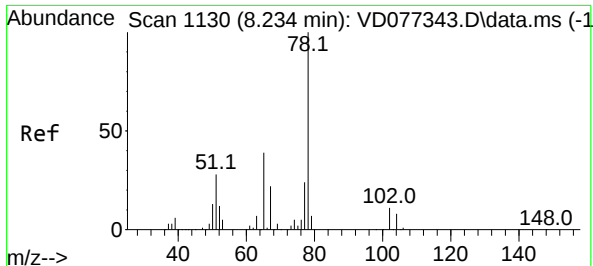
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 10.401 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 97 Resp: 32565
Ion Ratio Lower Upper
97 100
99 68.0 52.0 78.0
61 37.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.831 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 17158

Ion Ratio Lower Upper

65 100

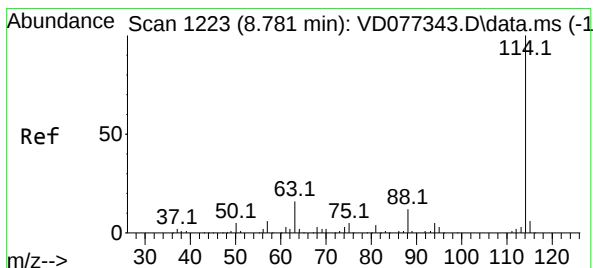
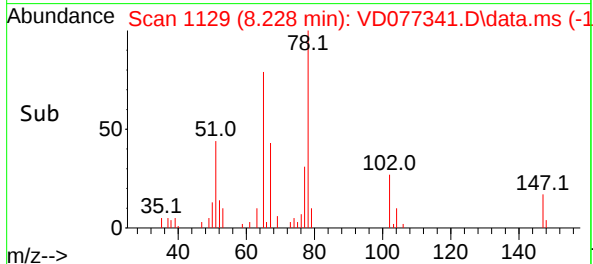
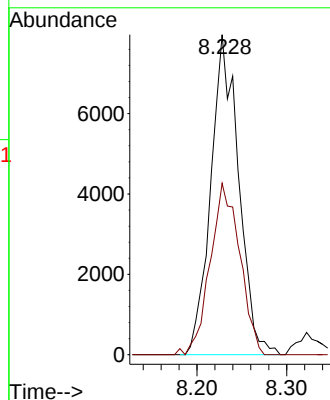
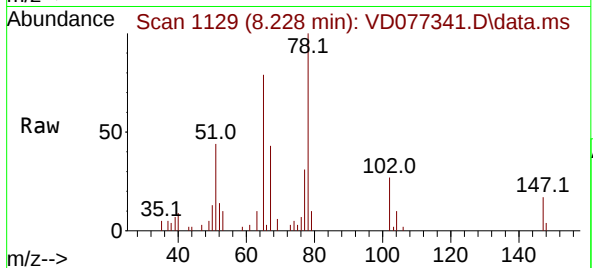
67 56.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

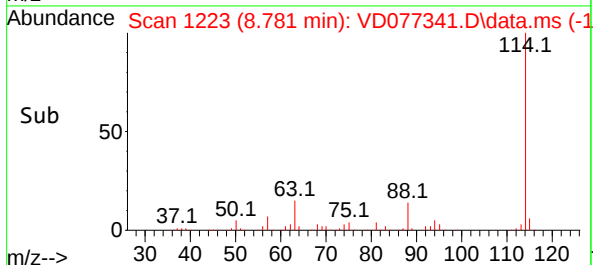
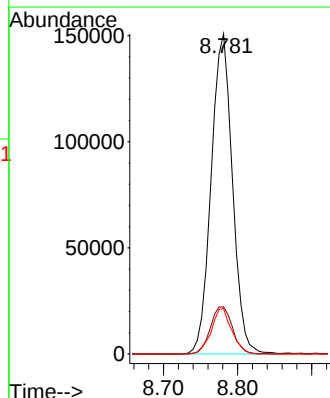
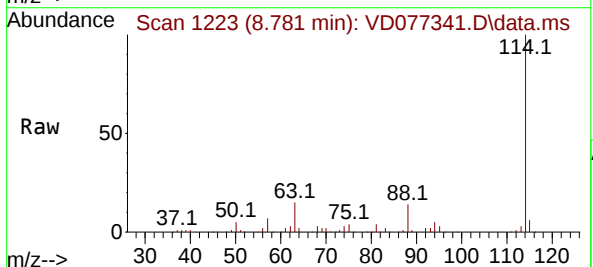
Tgt Ion:114 Resp: 300912

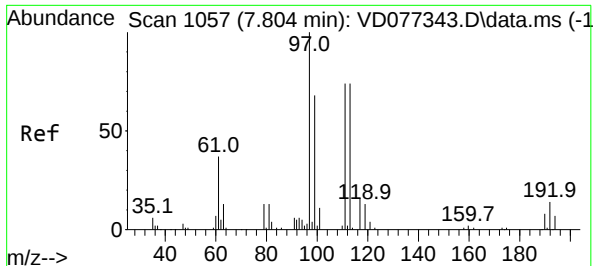
Ion Ratio Lower Upper

114 100

63 14.7 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.479 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

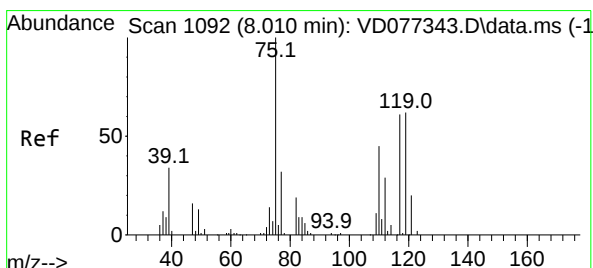
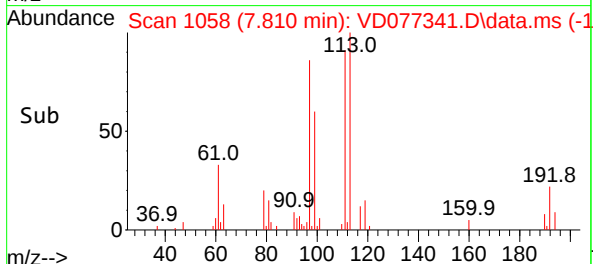
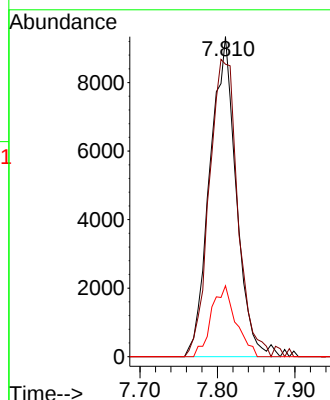
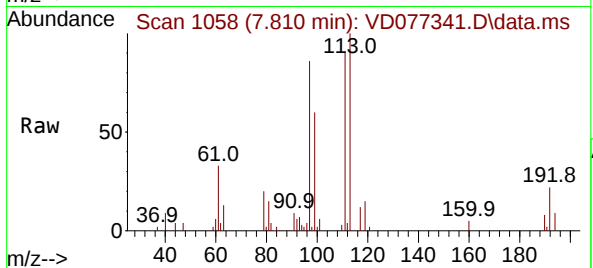
VSTDICC010

Tgt Ion:	113	Resp:	2215
Ion Ratio	Lower	Upper	
113	100		
111	99.7	84.7	127.1
192	20.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#36

1,1-Dichloropropene

Concen: 9.653 ug/l

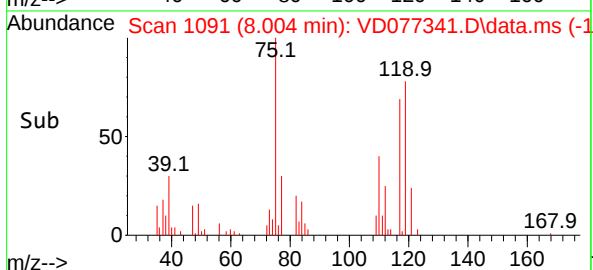
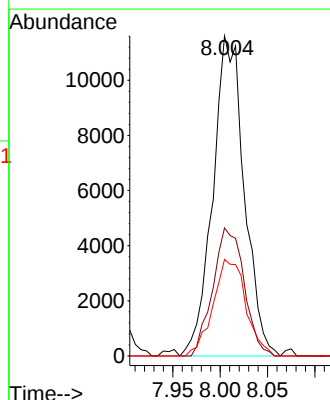
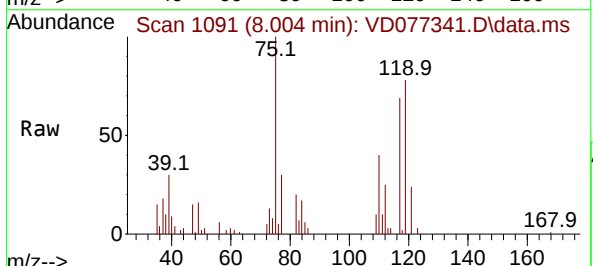
RT: 8.004 min Scan# 1091

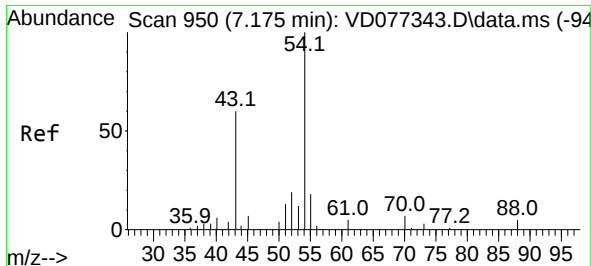
Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:	75	Resp:	26815
Ion Ratio	Lower	Upper	
75	100		
110	39.8	19.9	59.6
77	31.4	24.7	37.1





#37

Ethyl Acetate

Concen: 9.683 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

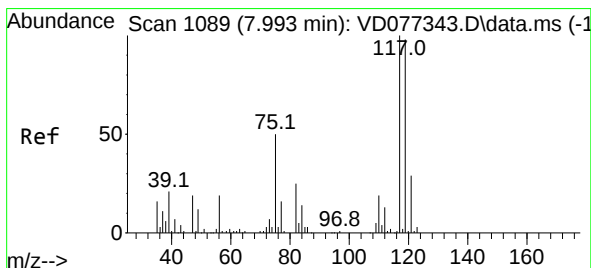
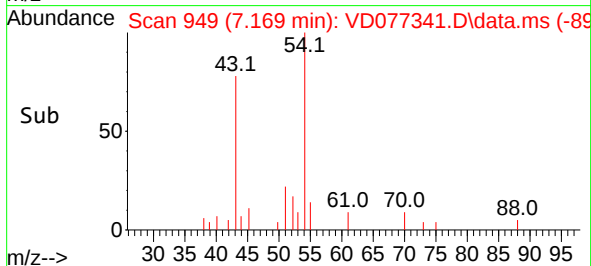
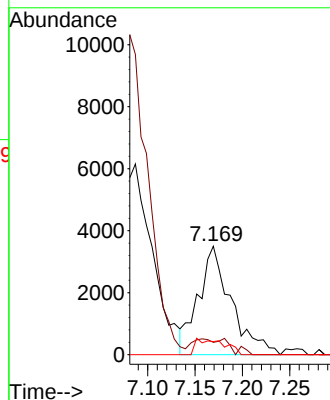
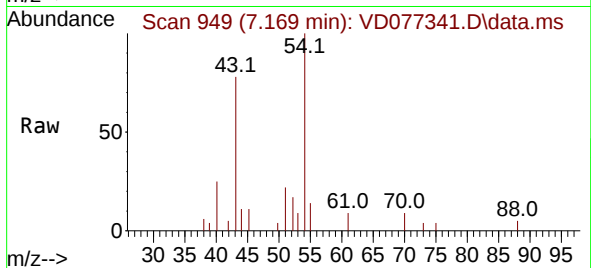
Tgt Ion: 43 Resp: 8449

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	12.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38

Carbon Tetrachloride

Concen: 9.631 ug/l

RT: 7.993 min Scan# 1089

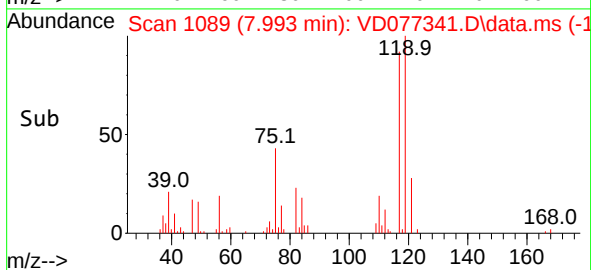
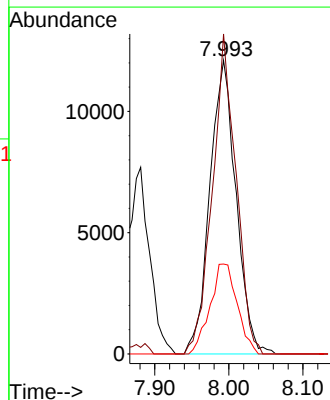
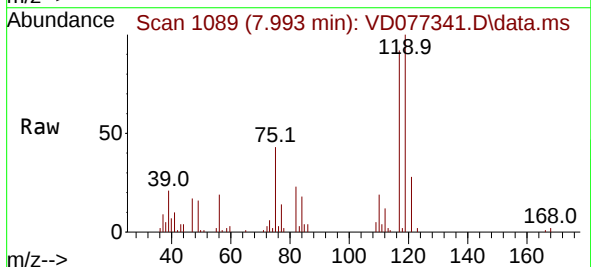
Delta R.T. -0.000 min

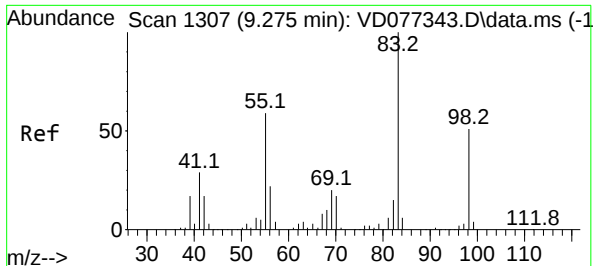
Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:117 Resp: 29761

Ion	Ratio	Lower	Upper
117	100		
119	109.0	78.0	117.0
121	30.6	24.2	36.2





#39

Methylcyclohexane

Concen: 8.493 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

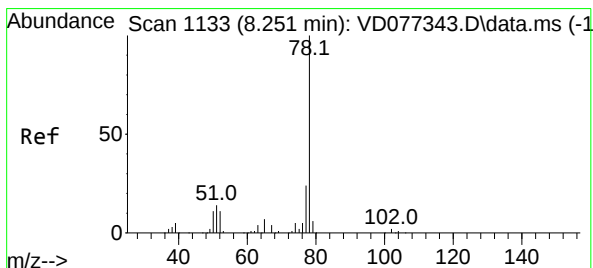
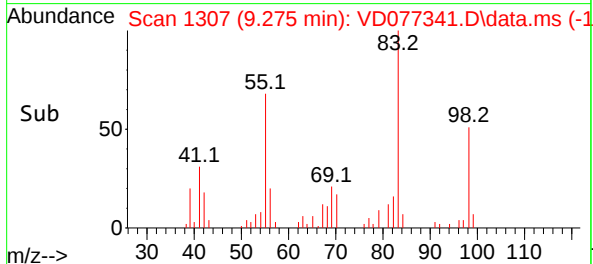
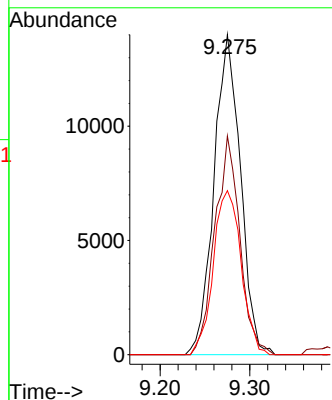
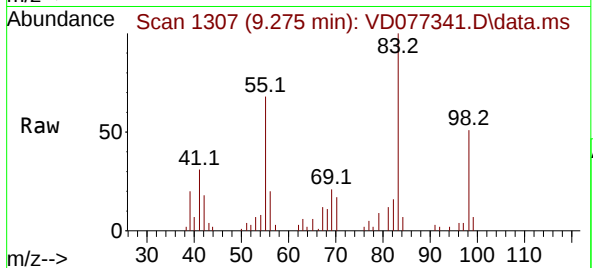
VSTDIC010

Tgt Ion: 83	Resp: 2866
Ion Ratio	Lower Upper
83 100	
55 68.4	49.4 74.0
98 51.3	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40

Benzene

Concen: 9.616 ug/l

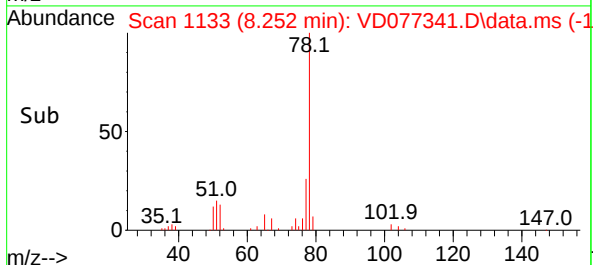
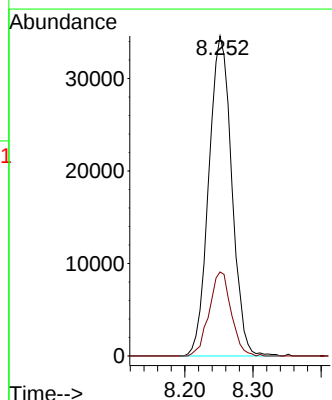
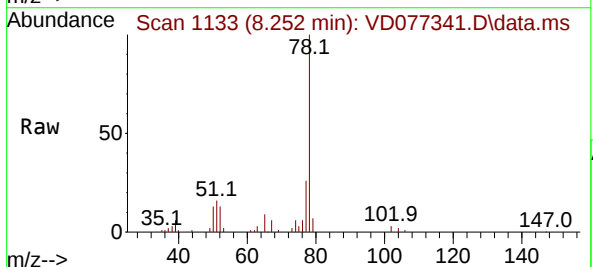
RT: 8.252 min Scan# 1133

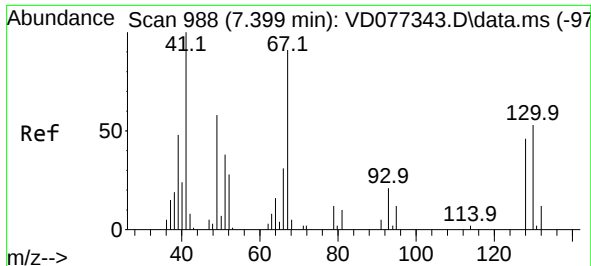
Delta R.T. 0.001 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion: 78	Resp: 81057
Ion Ratio	Lower Upper
78 100	
77 26.3	19.4 29.0





#41
Methacrylonitrile
Concen: 9.120 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

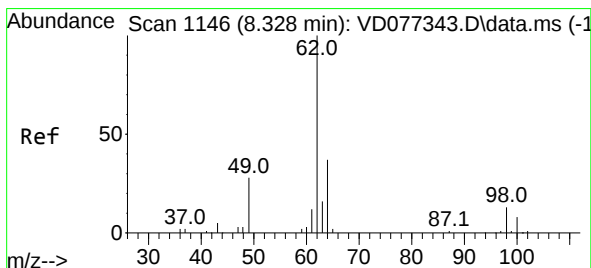
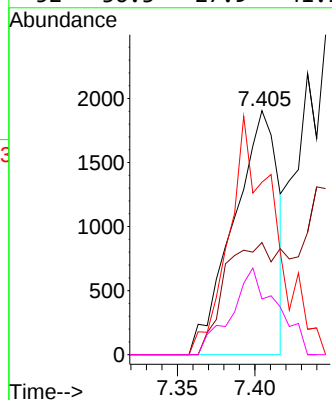
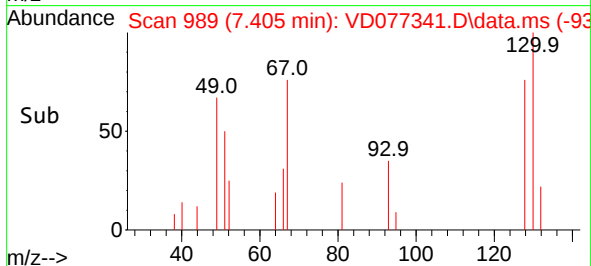
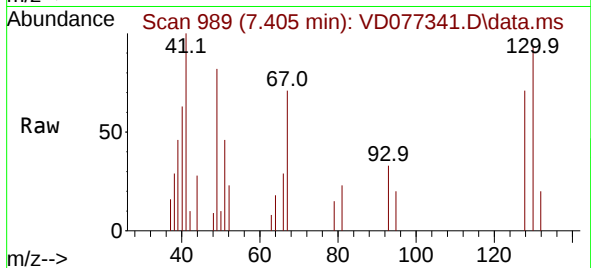
VSTDICC010

Tgt Ion: 41 Resp: 3798
Ion Ratio Lower Upper
41 100
39 62.5 34.0 51.0
67 100.4 77.0 115.4
52 36.3 27.9 41.9

Manual Integrations

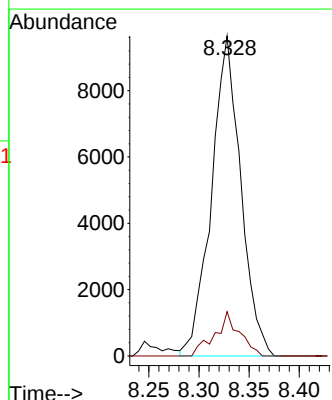
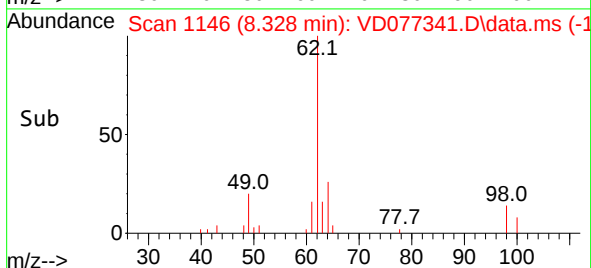
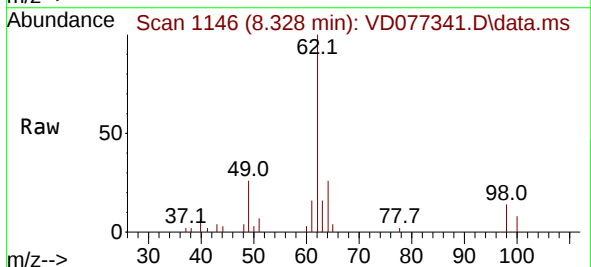
APPROVED

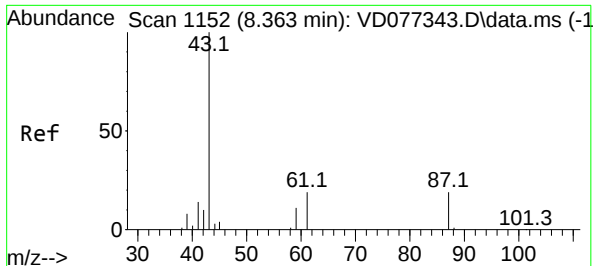
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
1,2-Dichloroethane
Concen: 9.886 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 62 Resp: 19629
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





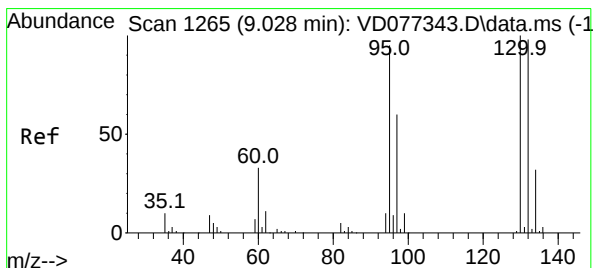
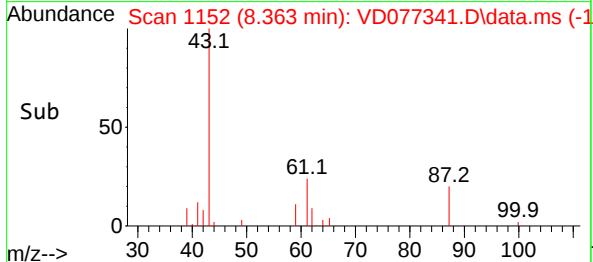
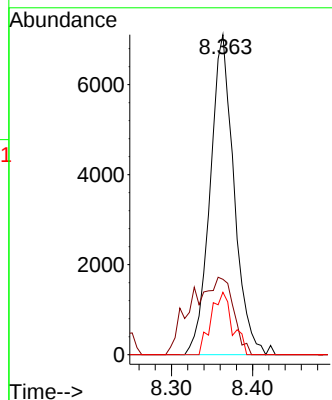
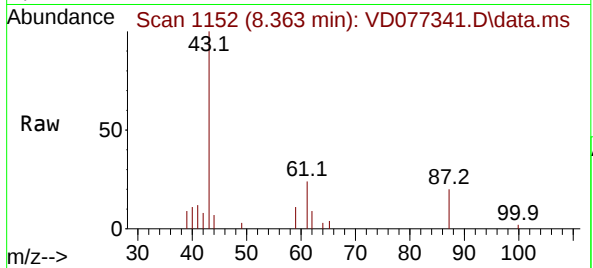
#43
Isopropyl Acetate
Concen: 9.256 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 14539
Ion Ratio Lower Upper
43 100
61 42.3 31.4 47.0
87 17.5 14.9 22.3

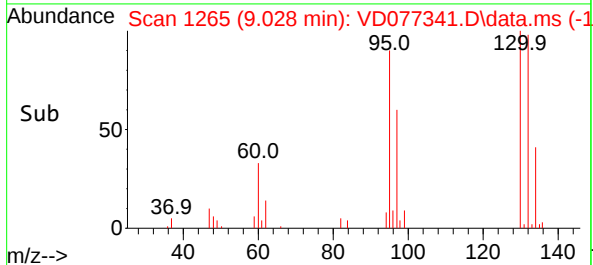
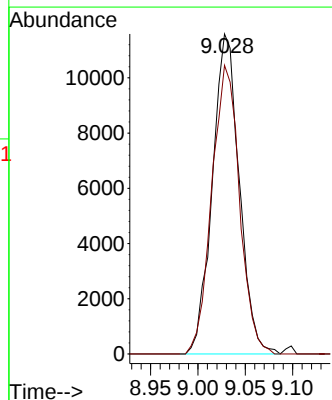
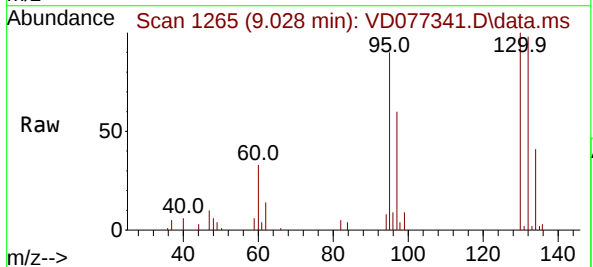
Manual Integrations
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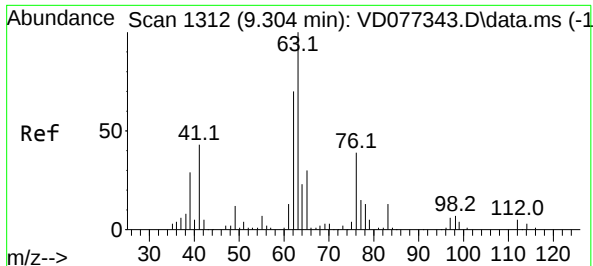
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#44
Trichloroethene
Concen: 9.305 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:130 Resp: 22932
Ion Ratio Lower Upper
130 100
95 90.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 9.959 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1935

Ion Ratio Lower Upper

63 100

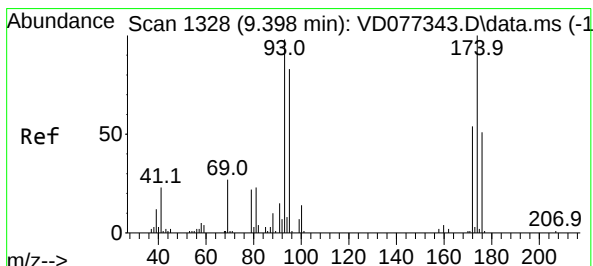
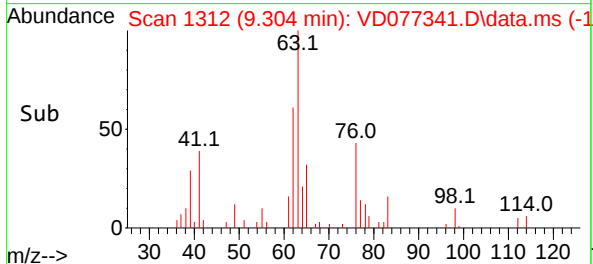
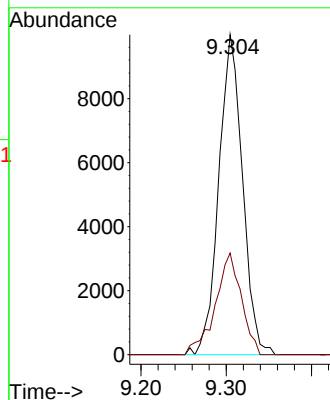
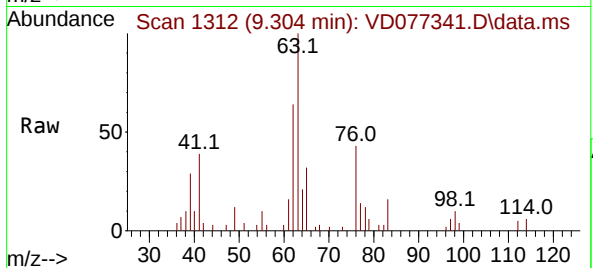
65 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#46

Dibromomethane

Concen: 9.816 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

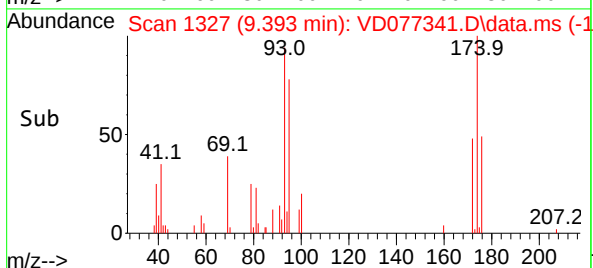
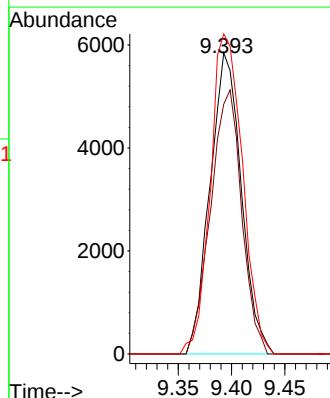
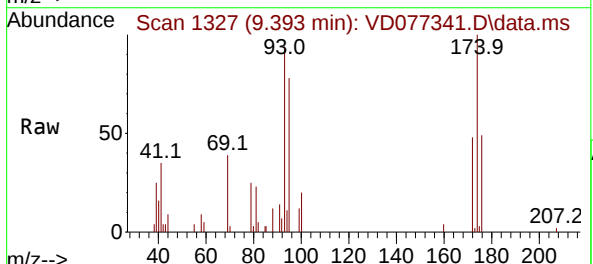
Tgt Ion: 93 Resp: 11925

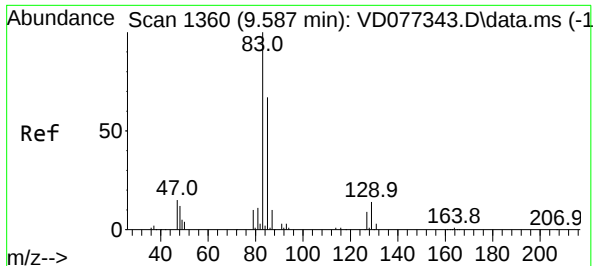
Ion Ratio Lower Upper

93 100

95 87.1 67.7 101.5

174 108.9 85.4 128.2





#47

Bromodichloromethane

Concen: 10.158 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

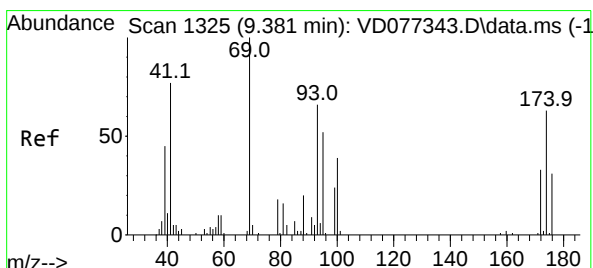
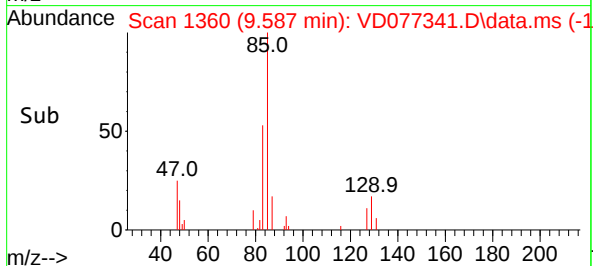
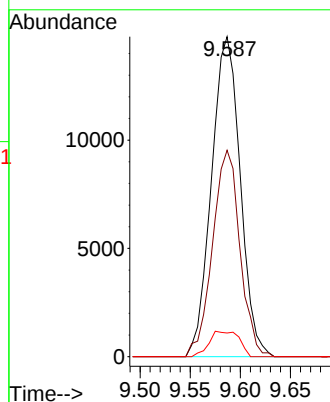
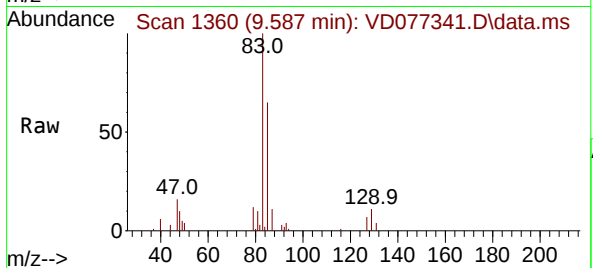
VSTDIC010

Tgt Ion:	83	Resp:	2942
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4
127	7.4	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#48

Methyl methacrylate

Concen: 9.057 ug/l

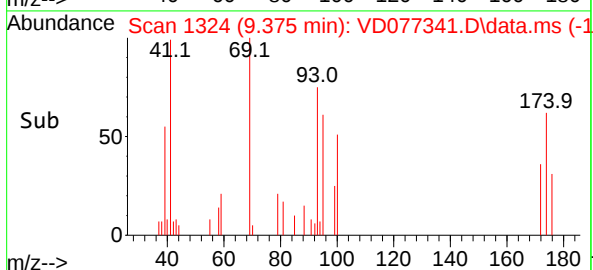
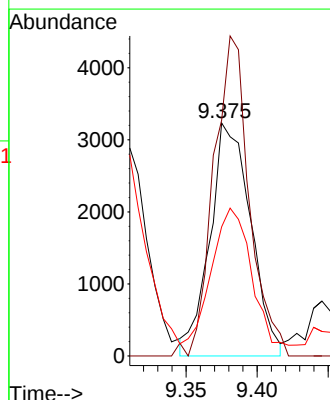
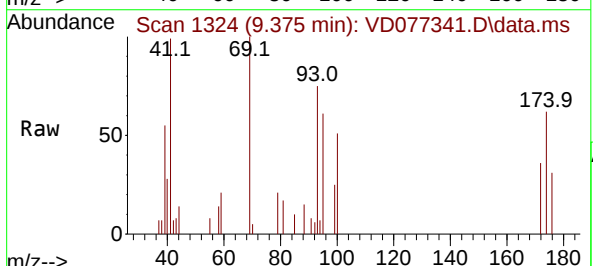
RT: 9.375 min Scan# 1324

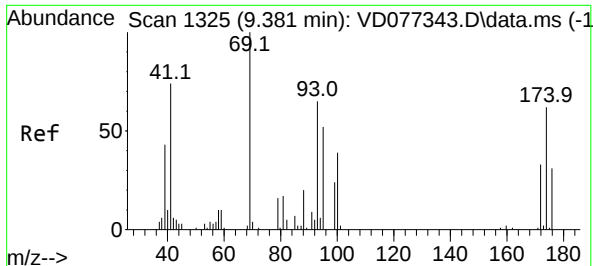
Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:	41	Resp:	6436
Ion	Ratio	Lower	Upper
41	100		
69	120.0	102.2	153.2
39	58.3	41.4	62.2





#49

1,4-Dioxane

Concen: 191.674 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

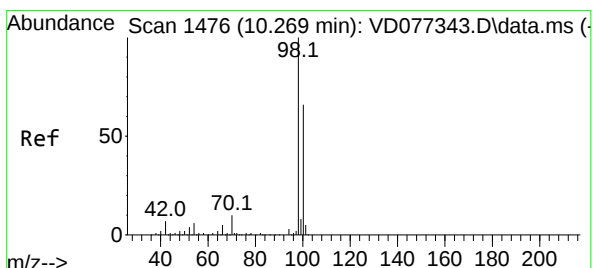
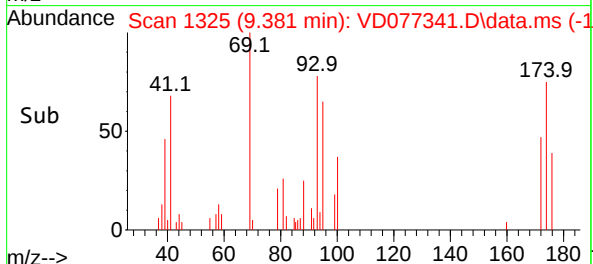
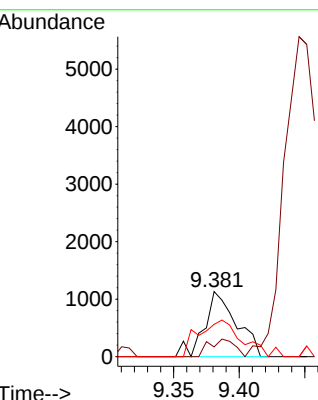
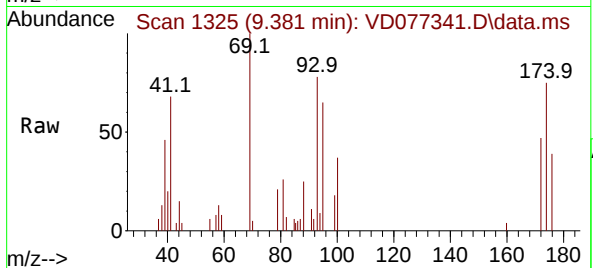
Tgt Ion: 88 Resp: 1918

Ion	Ratio	Lower	Upper
88	100		
43	21.4	19.0	28.6
58	77.1	43.5	65.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50

Toluene-d8

Concen: 10.084 ug/l

RT: 10.269 min Scan# 1476

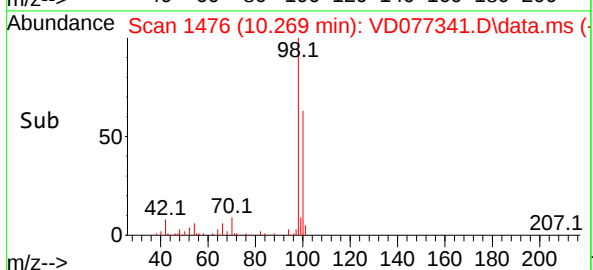
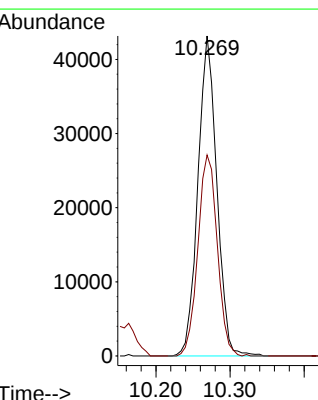
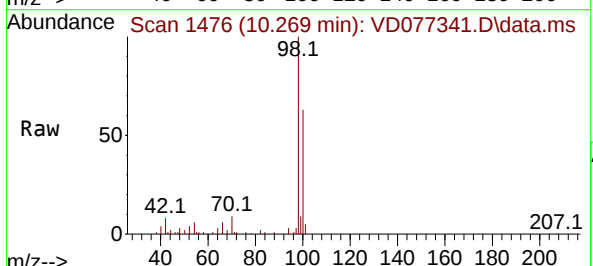
Delta R.T. 0.000 min

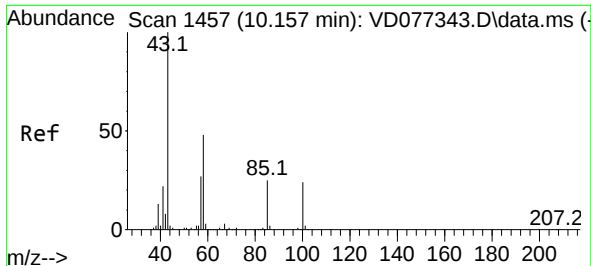
Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion: 98 Resp: 76343

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.3	75.5





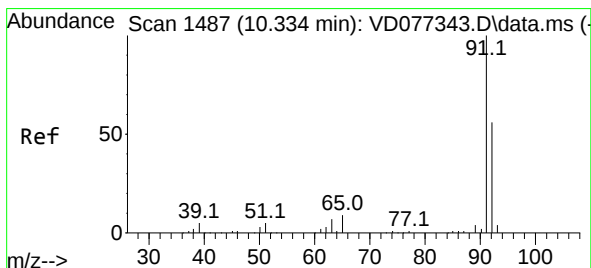
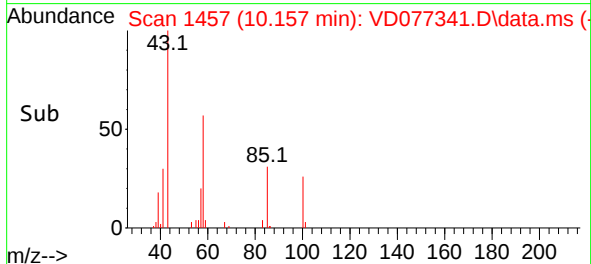
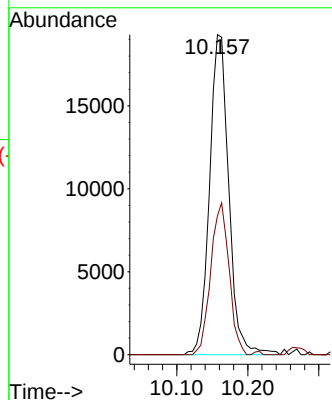
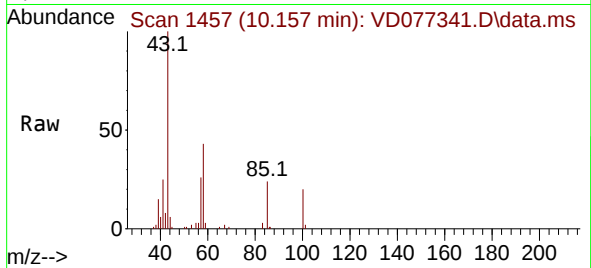
#51
4-Methyl-2-Pentanone
Concen: 46.051 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 3626
Ion Ratio Lower Upper
43 100
58 45.1 38.9 58.3

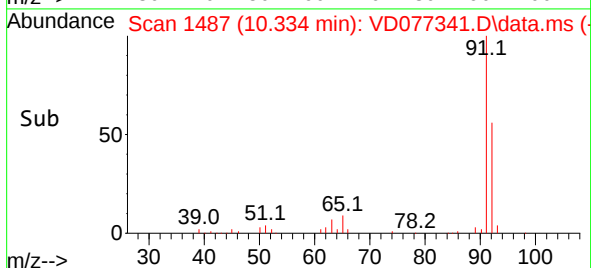
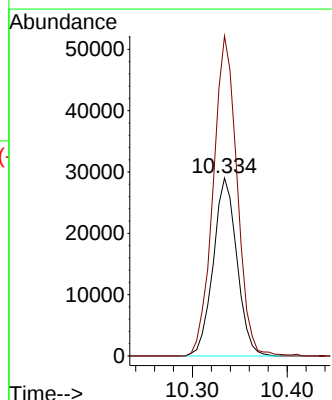
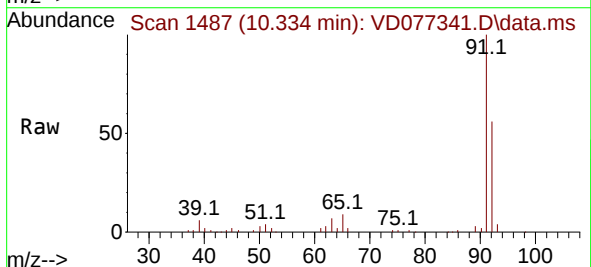
Manual Integrations
APPROVED

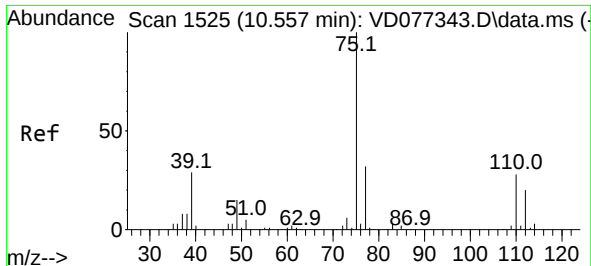
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#52
Toluene
Concen: 9.159 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

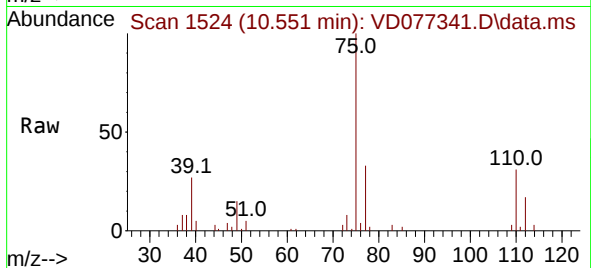
Tgt Ion: 92 Resp: 50413
Ion Ratio Lower Upper
92 100
91 181.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 9.511 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

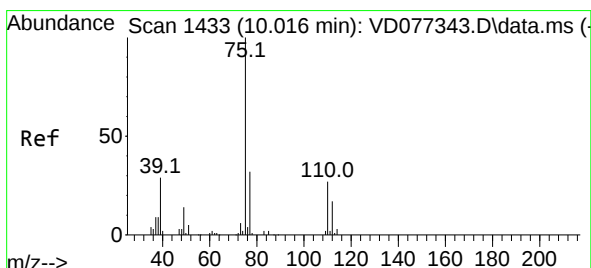
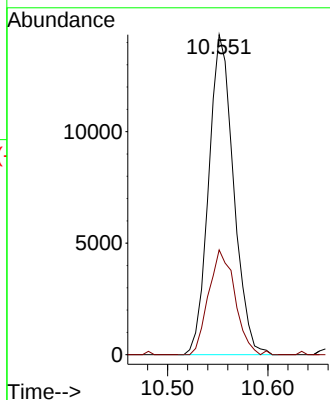
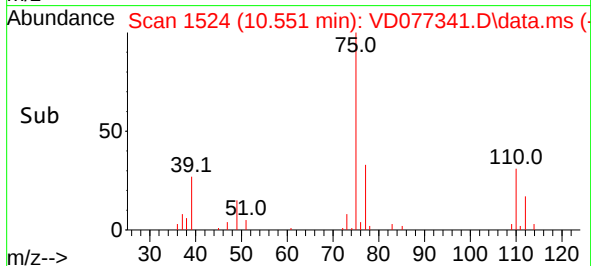
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 24730
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9

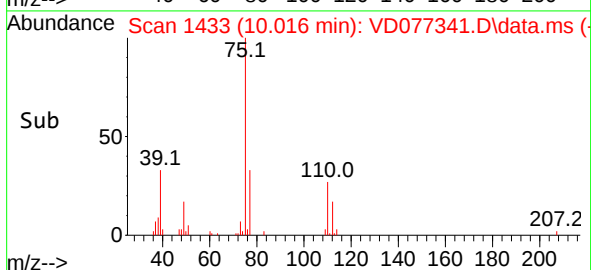
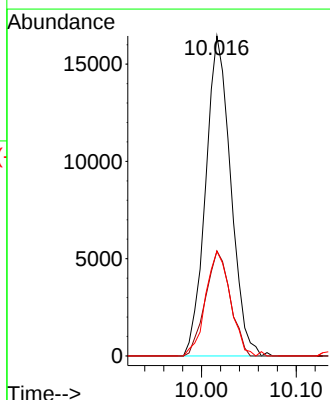
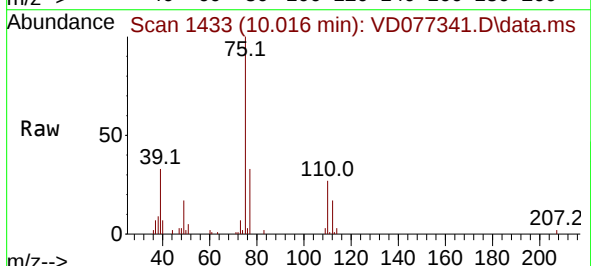
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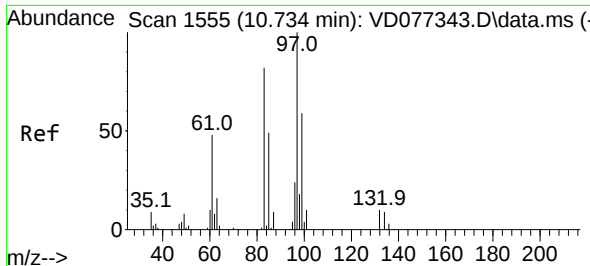
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 9.507 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

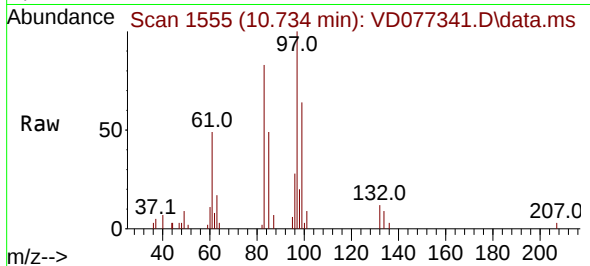
Tgt Ion: 75 Resp: 30247
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 32.8 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 10.045 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

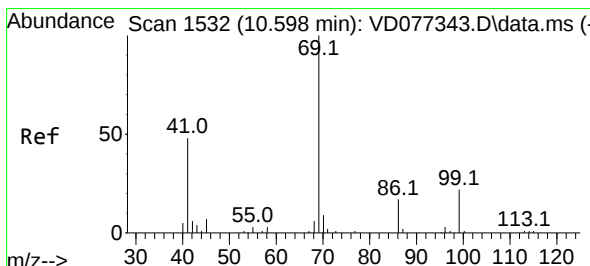
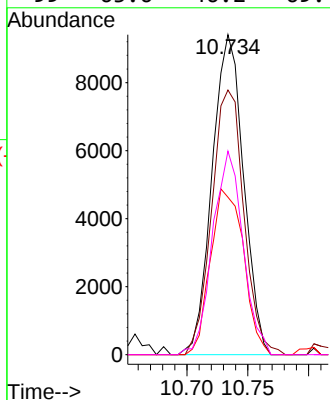
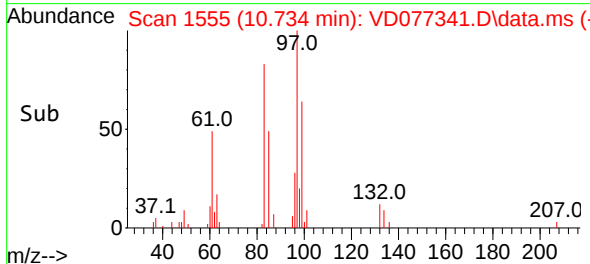
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.8	98.6
85	49.2	45.7	68.5
99	63.6	46.2	69.4

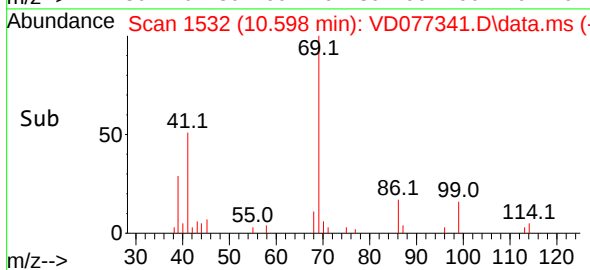
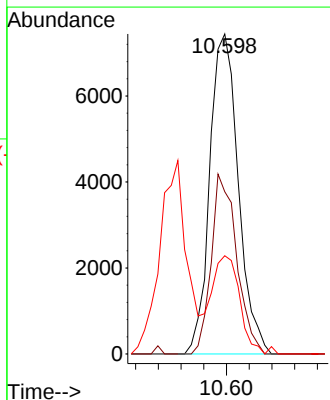
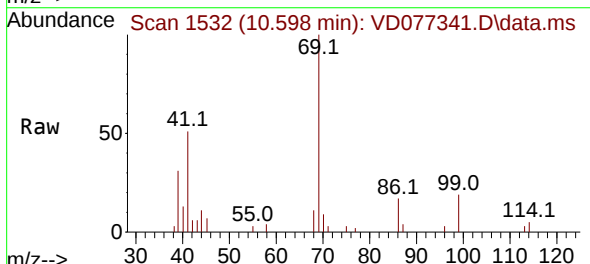
Manual Integrations
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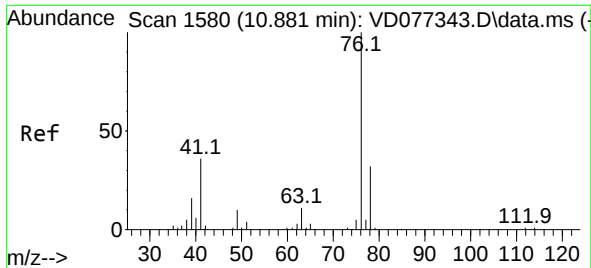
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Ethyl methacrylate
Concen: 8.080 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.0	39.1	58.7
39	31.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 9.364 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 24204

Ion Ratio Lower Upper

76 100

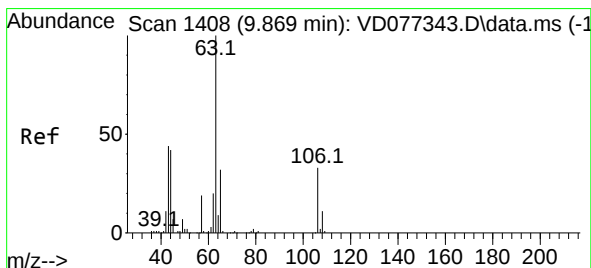
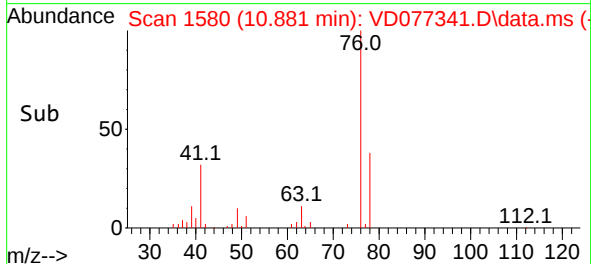
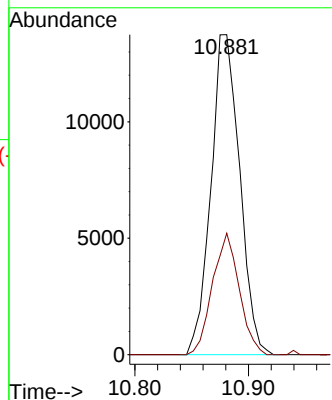
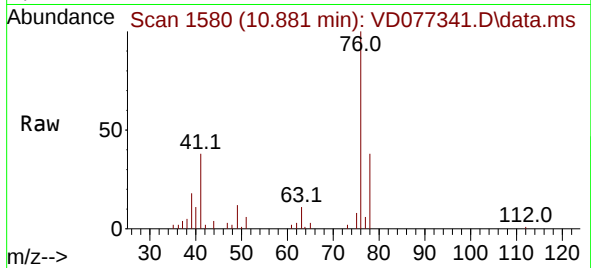
78 35.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 45.616 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077341.D

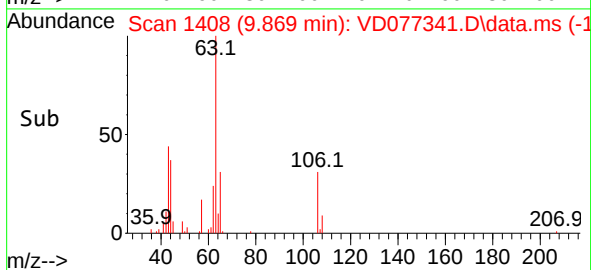
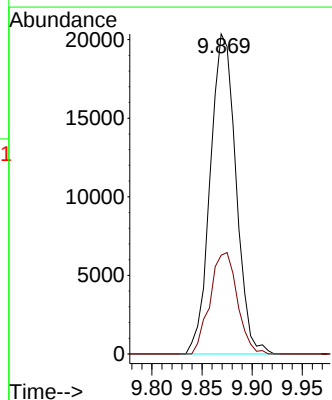
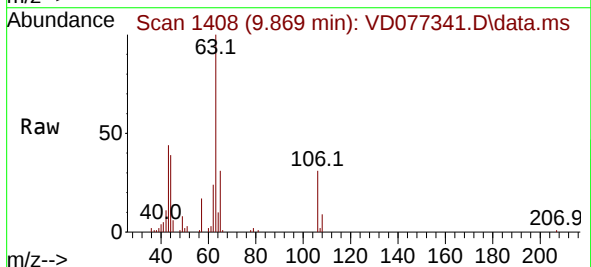
Acq: 17 Oct 2023 15:03

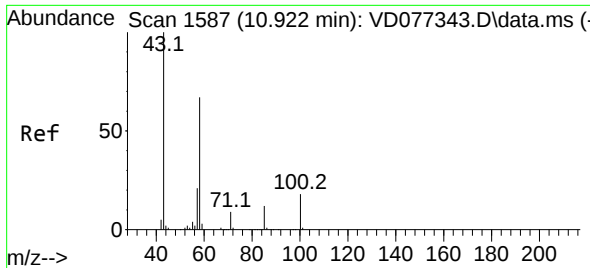
Tgt Ion: 63 Resp: 36275

Ion Ratio Lower Upper

63 100

106 33.6 25.3 37.9





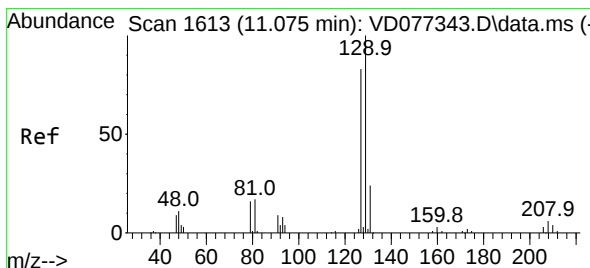
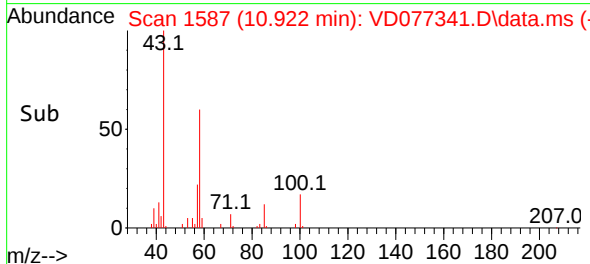
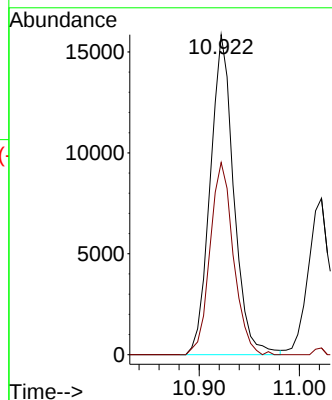
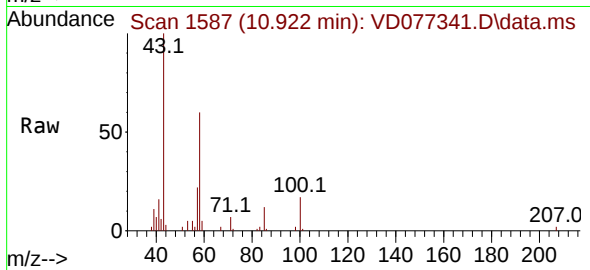
#59
2-Hexanone
Concen: 45.837 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 59.6 34.1 102.2

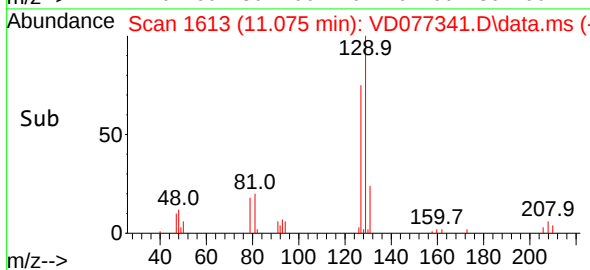
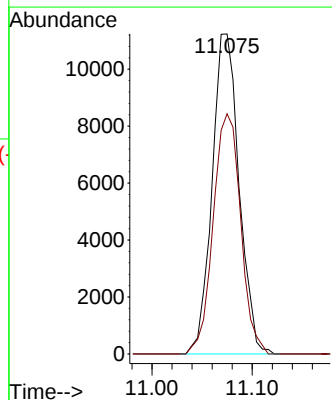
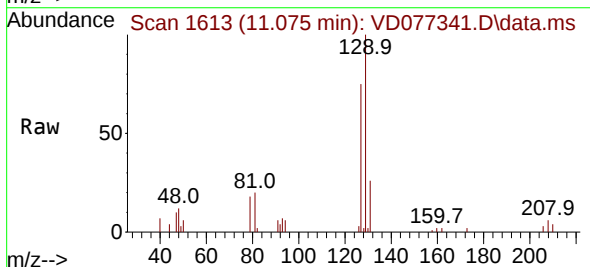
Manual Integrations
APPROVED

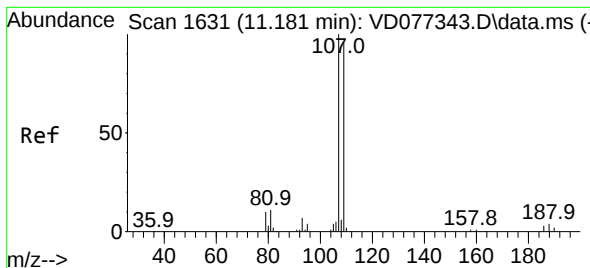
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#60
Dibromochloromethane
Concen: 9.776 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:129 Resp: 21003
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 9.688 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:107 Resp: 1536

Ion Ratio Lower Upper

107 100

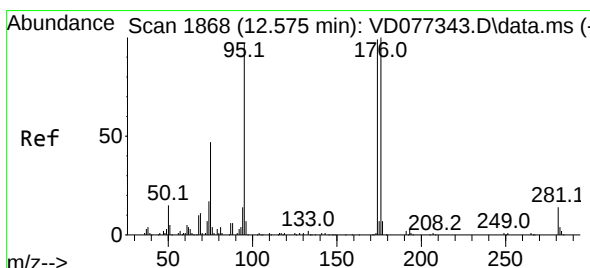
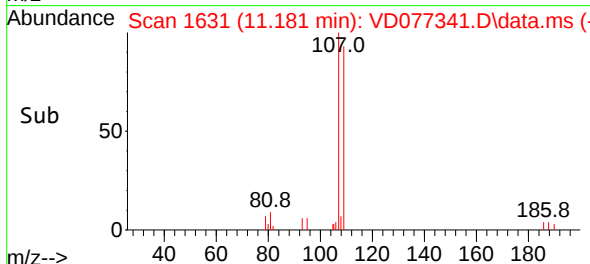
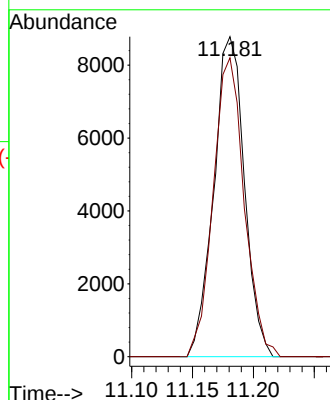
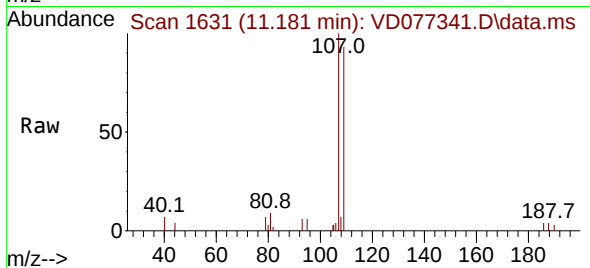
109 94.7 75.6 113.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#62

4-Bromofluorobenzene

Concen: 9.457 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

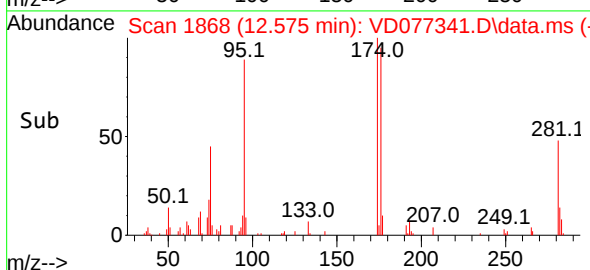
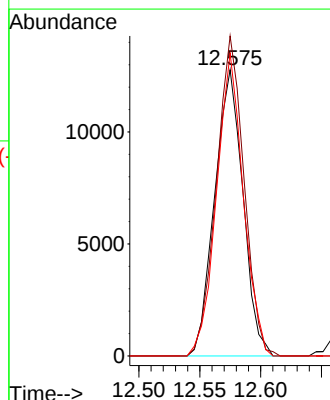
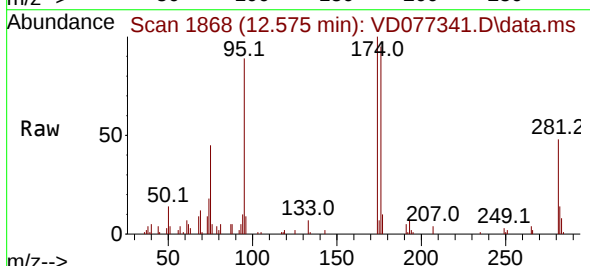
Tgt Ion: 95 Resp: 20611

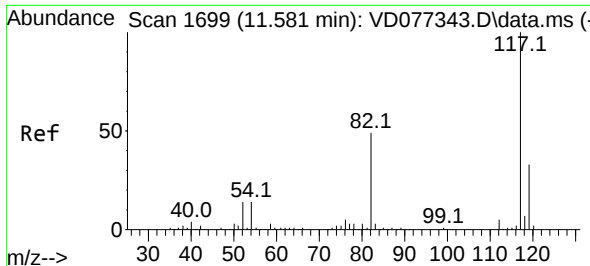
Ion Ratio Lower Upper

95 100

174 109.4 0.0 201.8

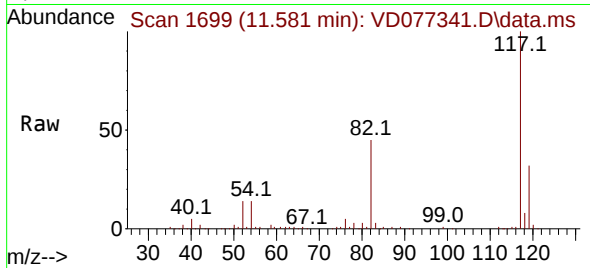
176 100.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

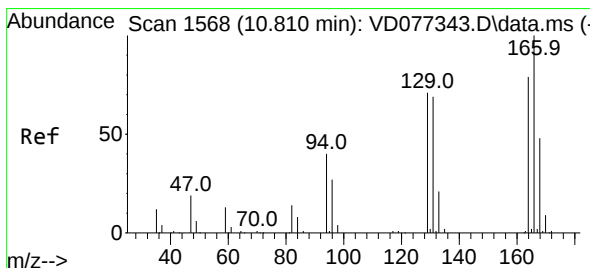
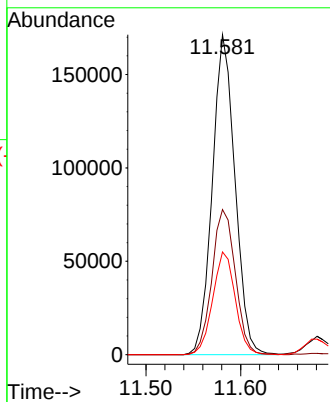
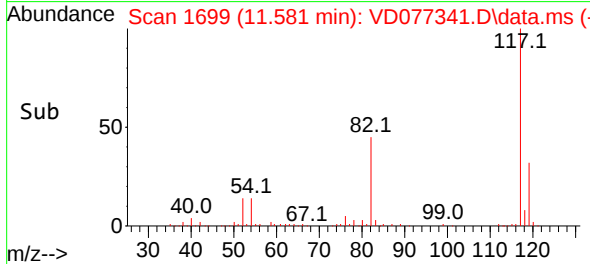
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



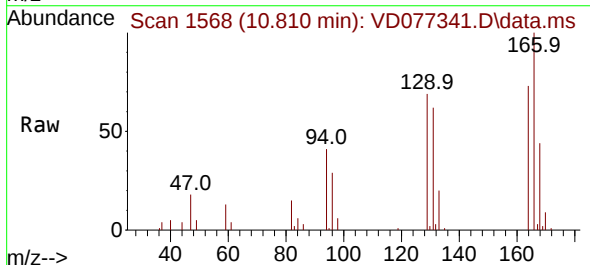
Tgt Ion:117 Resp: 28484
Ion Ratio Lower Upper
117 100
82 45.4 38.3 57.5
119 32.1 25.0 37.4

Manual Integrations
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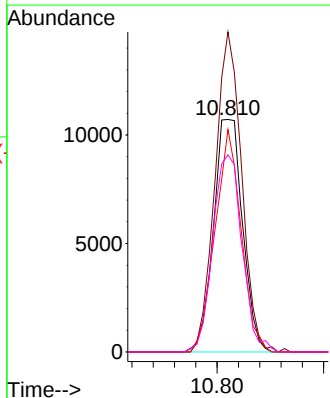
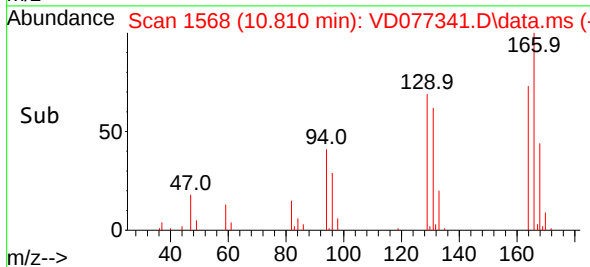
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

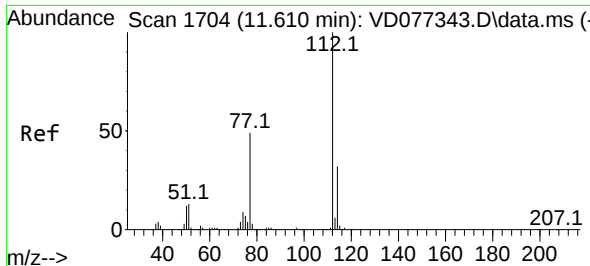


#64
Tetrachloroethene
Concen: 9.573 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03



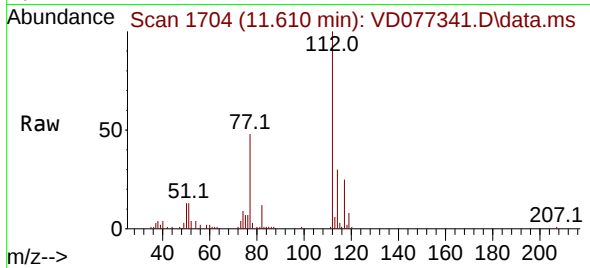
Tgt Ion:164 Resp: 20267
Ion Ratio Lower Upper
164 100
166 137.6 99.2 148.8
129 95.6 68.4 102.6
131 84.8 63.8 95.8





#65
Chlorobenzene
Concen: 9.609 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

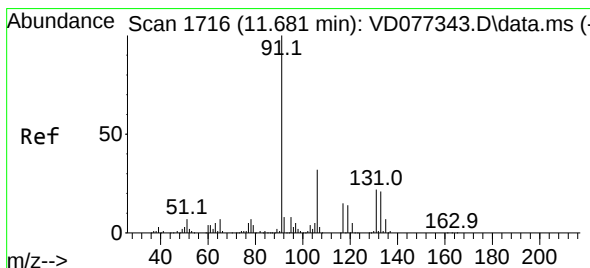
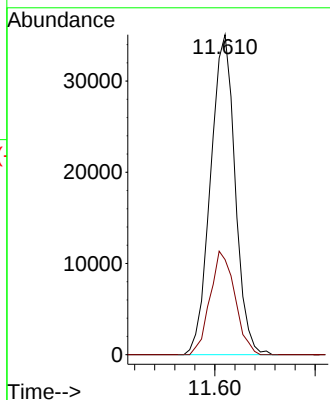
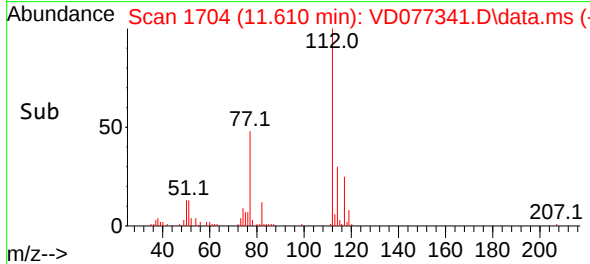
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:112 Resp: 59660
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7

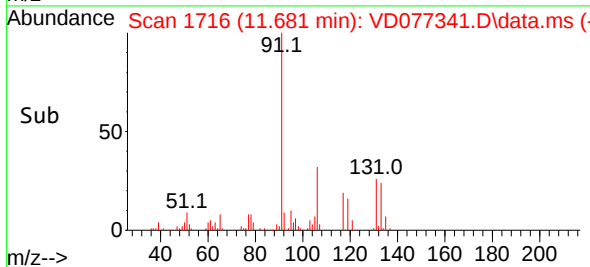
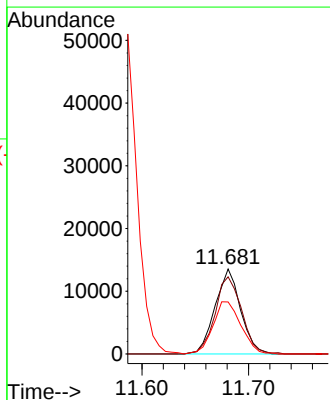
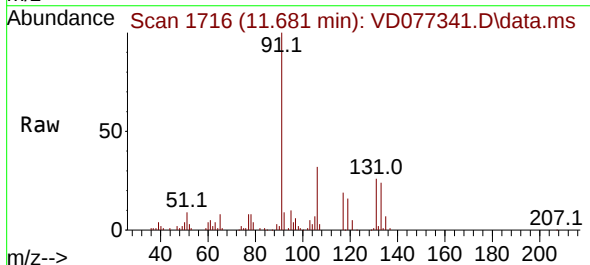
Manual Integrations
APPROVED

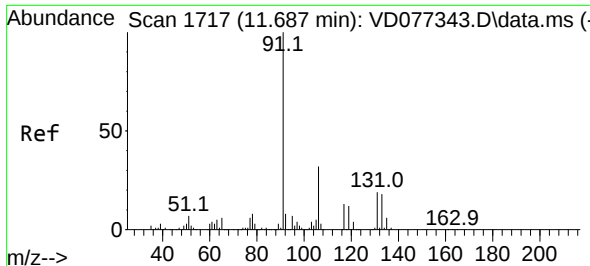
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.521 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:131 Resp: 22472
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 67.9 35.6 106.9





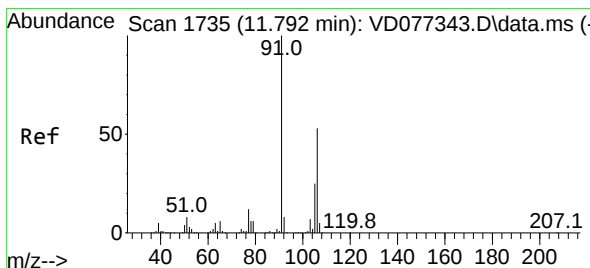
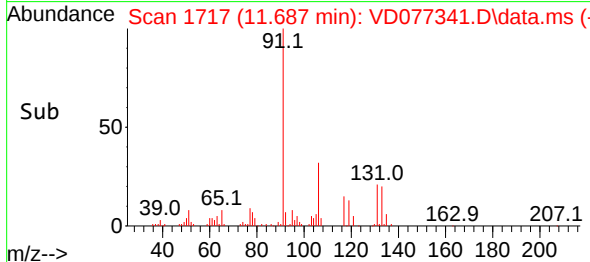
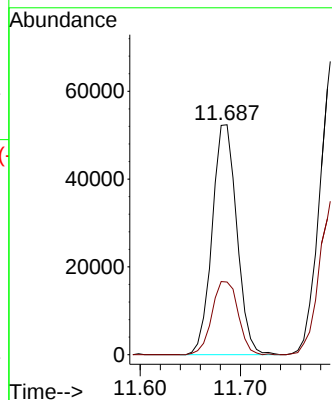
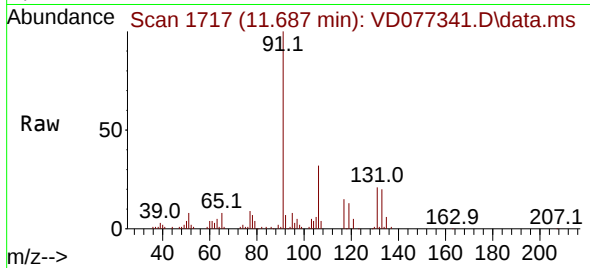
#67
Ethyl Benzene
Concen: 8.703 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 8957
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7

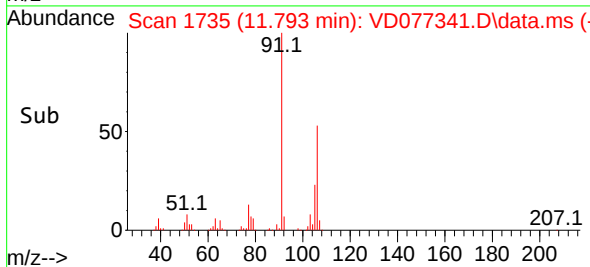
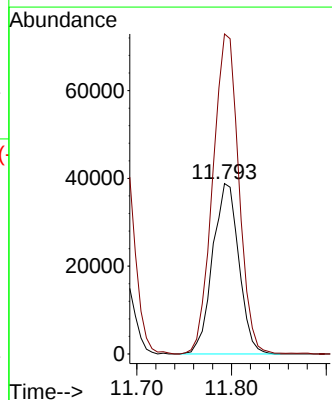
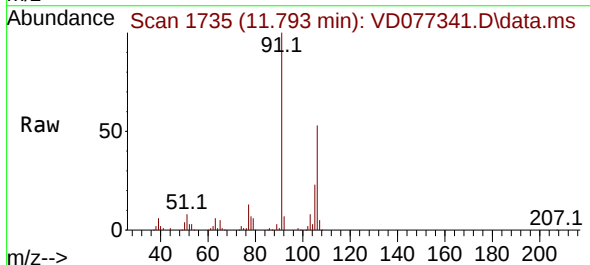
Manual Integrations
APPROVED

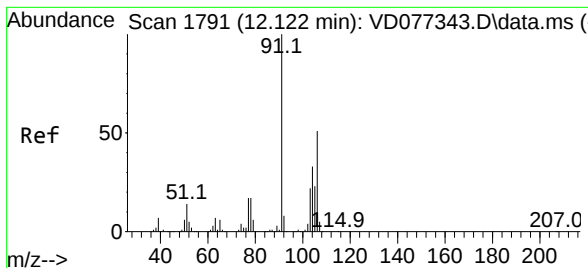
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
m/p-Xylenes
Concen: 17.657 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:106 Resp: 74626
Ion Ratio Lower Upper
106 100
91 186.7 147.0 220.6





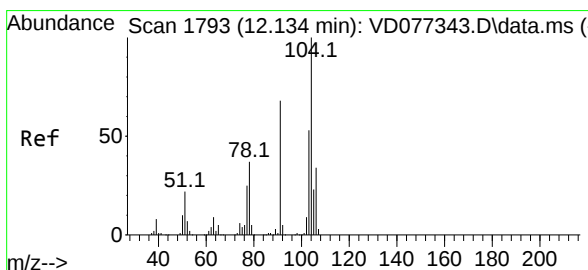
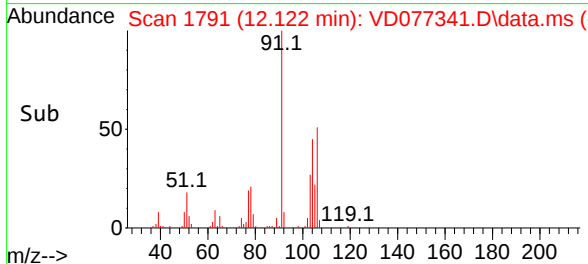
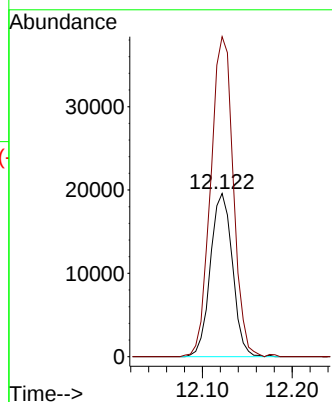
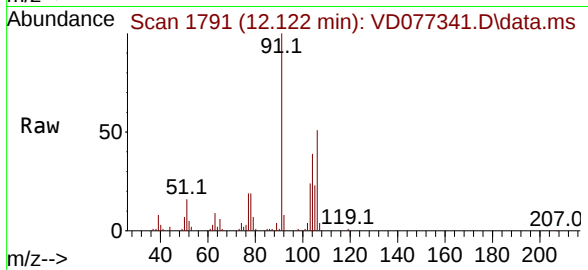
#69
o-Xylene
Concen: 8.594 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 3343
Ion Ratio Lower Upper
106 100
91 200.9 97.9 293.6

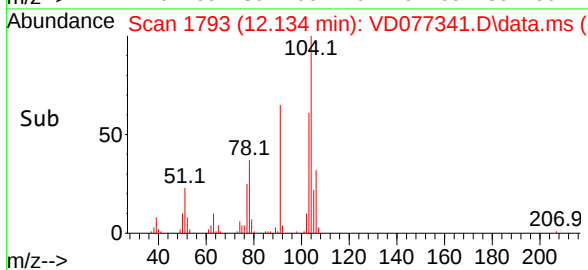
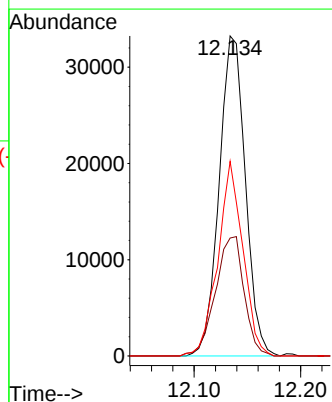
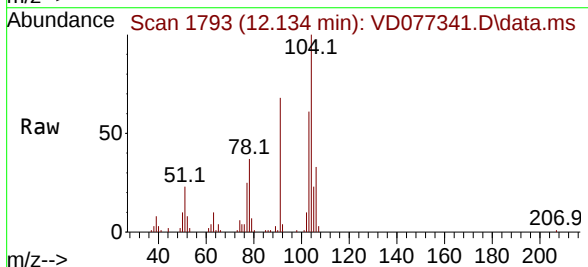
Manual Integrations
APPROVED

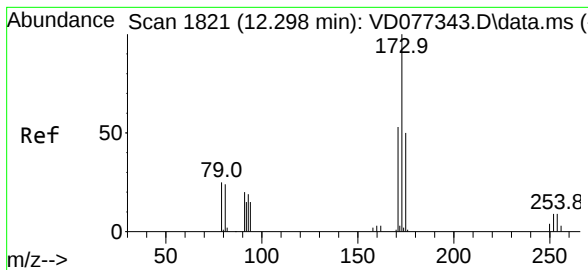
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Styrene
Concen: 8.566 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

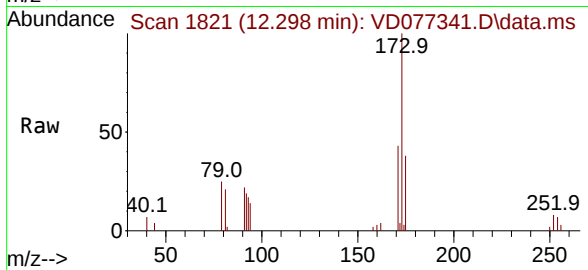
Tgt Ion:104 Resp: 56860
Ion Ratio Lower Upper
104 100
78 40.8 33.2 49.8
103 58.1 43.6 65.4





#71
Bromoform
Concen: 9.468 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

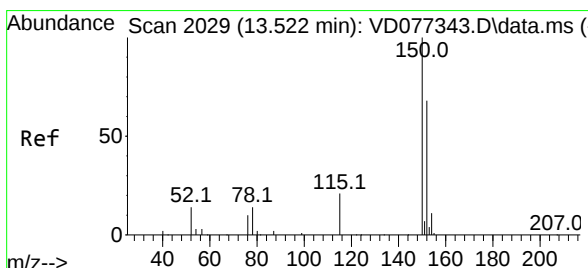
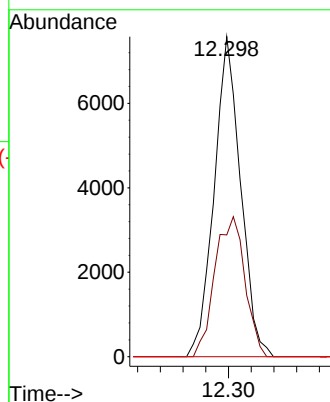
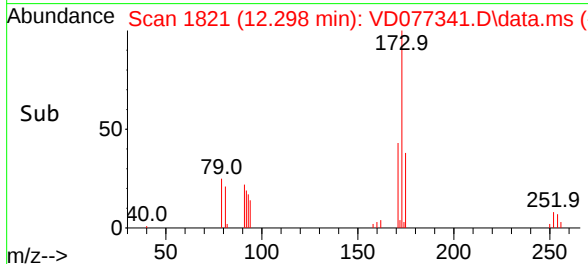
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



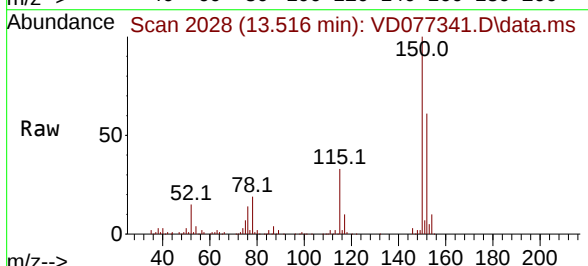
Tgt Ion:173 Resp: 12250
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

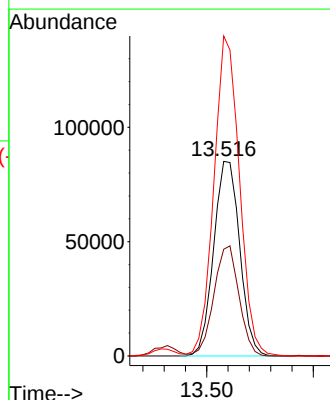
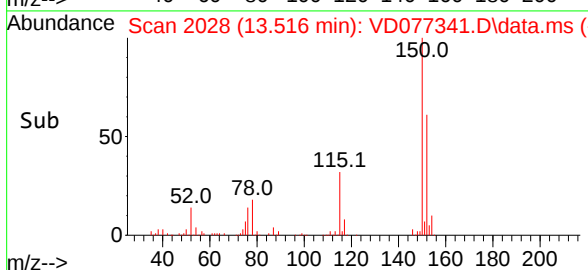
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

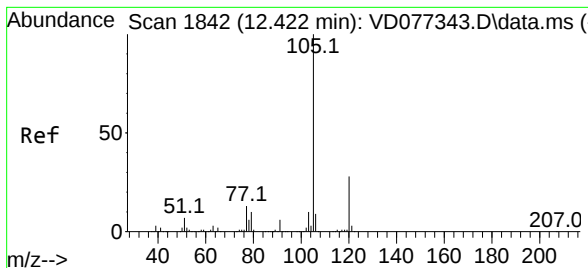


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03



Tgt Ion:152 Resp: 144551
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 161.2 0.0 353.6





#73

Isopropylbenzene

Concen: 8.774 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

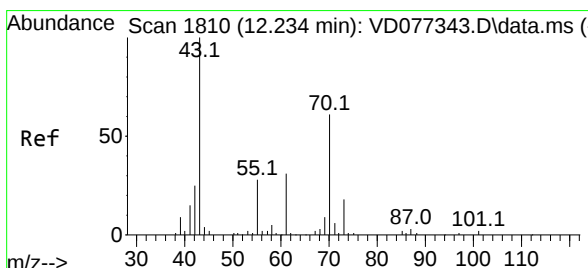
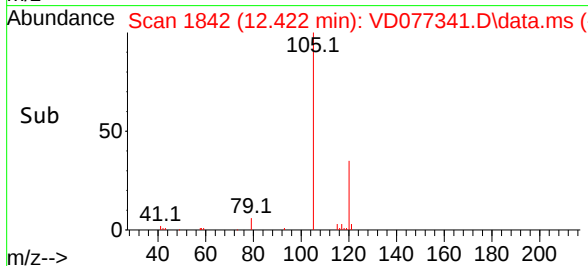
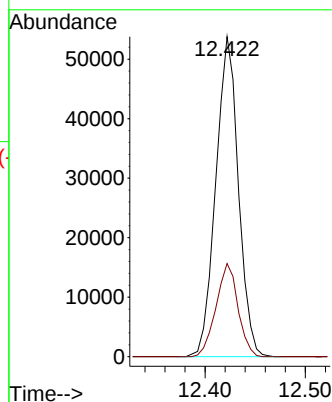
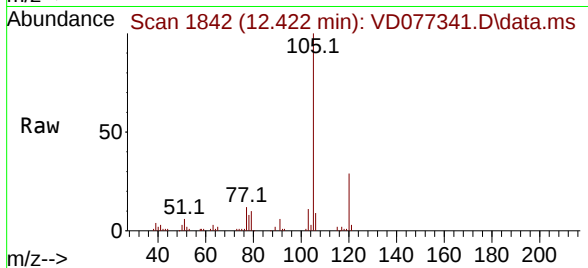
VSTDICC010

Tgt Ion:	105	Resp:	83890
Ion Ratio	Lower	Upper	
105	100		
120	28.2	14.3	42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74

N-ethyl acetate

Concen: 9.398 ug/l

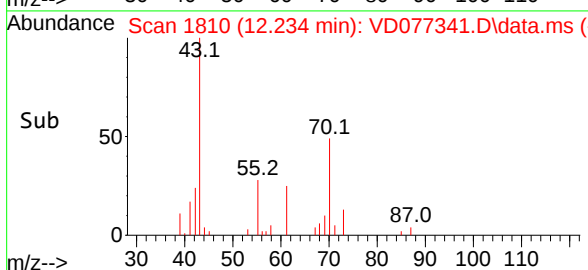
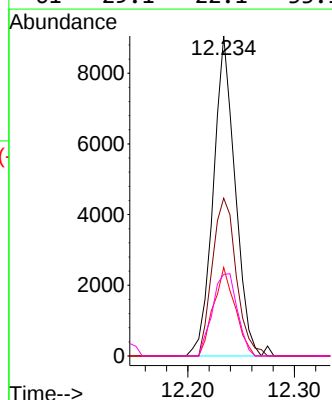
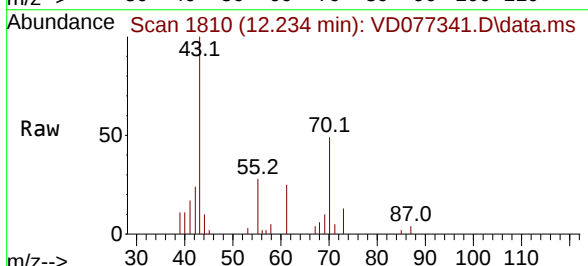
RT: 12.234 min Scan# 1810

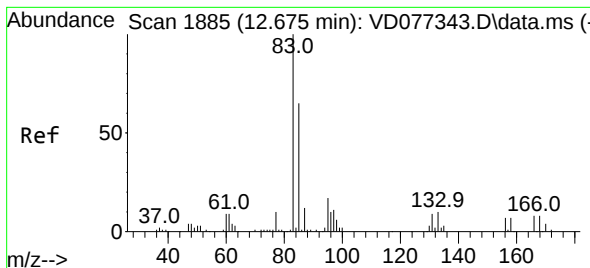
Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

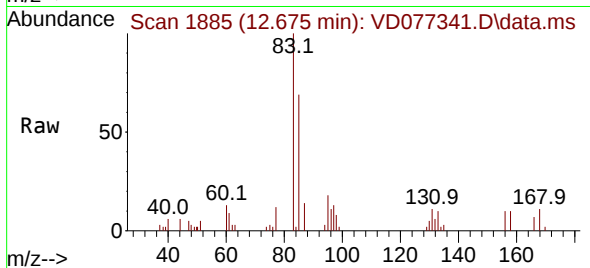
Tgt Ion:	43	Resp:	12927
Ion Ratio	Lower	Upper	
43	100		
70	53.8	45.0	67.4
55	27.2	23.8	35.6
61	29.1	22.1	33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 10.002 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

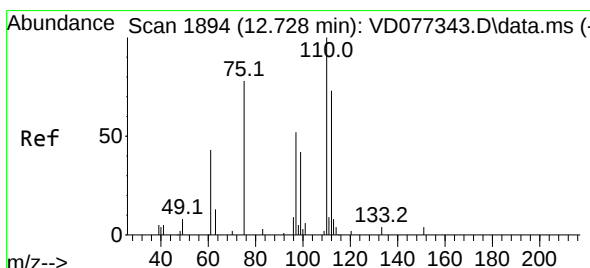
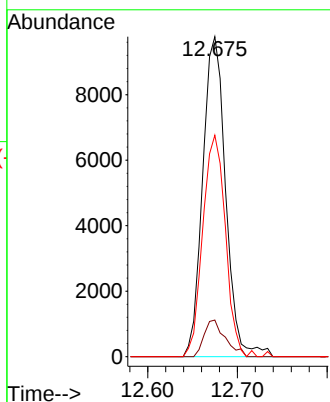
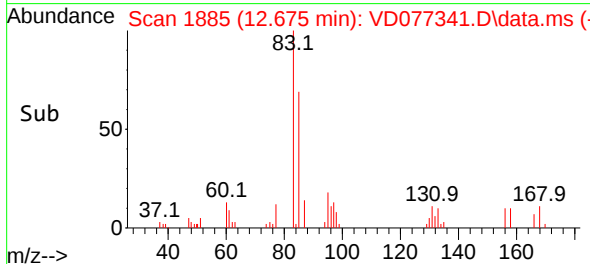
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



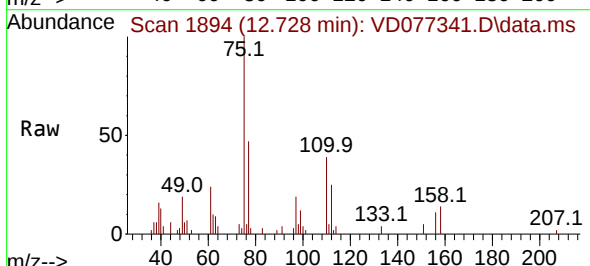
Tgt Ion: 83 Resp: 17378
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 68.1 32.6 97.8

Manual Integrations
APPROVED

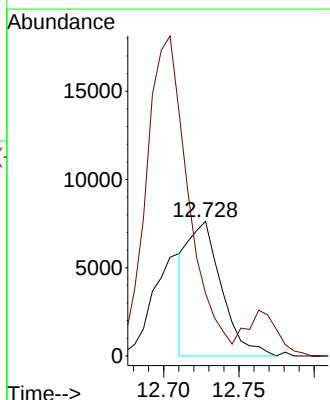
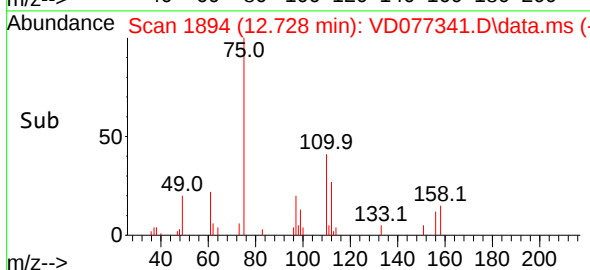
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

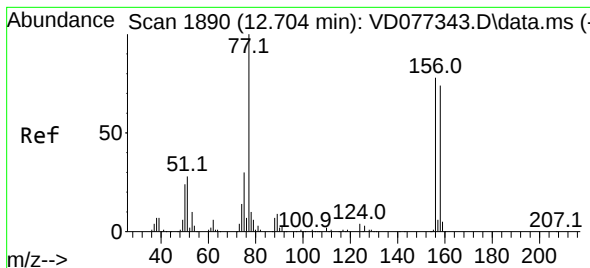


#76
1,2,3-Trichloropropane
Concen: 7.181 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03



Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.189 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

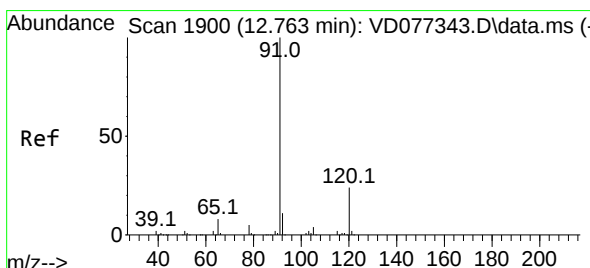
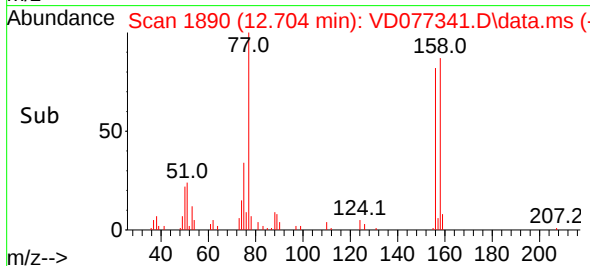
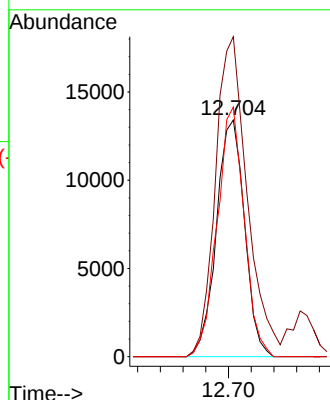
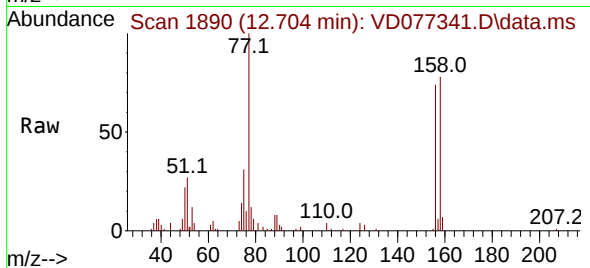
VSTDIC010

Tgt Ion:	156	Resp:	23060
Ion Ratio	Lower	Upper	
156	100		
77	152.9	76.8	230.4
158	101.8	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#78

n-propylbenzene

Concen: 9.093 ug/l

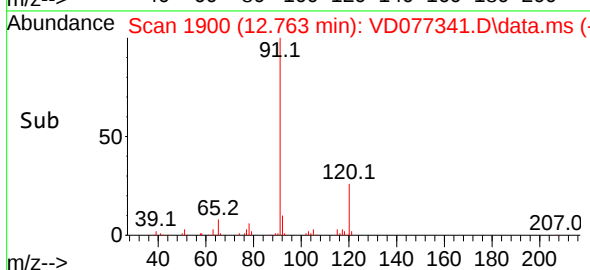
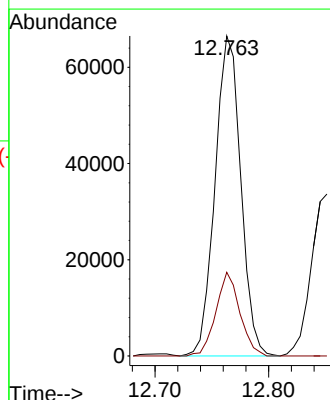
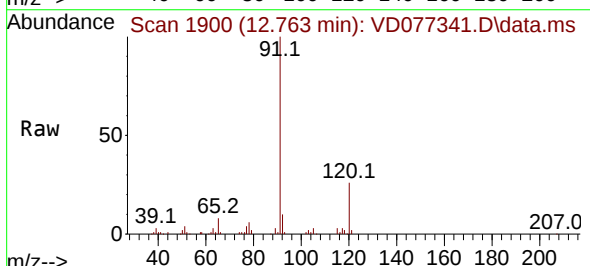
RT: 12.763 min Scan# 1900

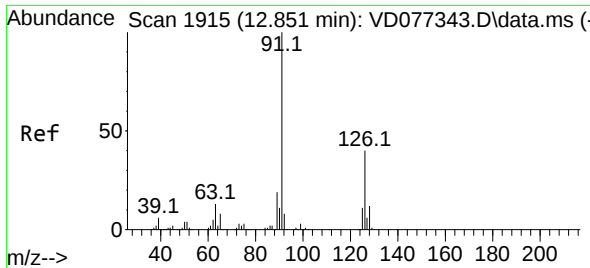
Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:	91	Resp:	104700
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.4	37.2





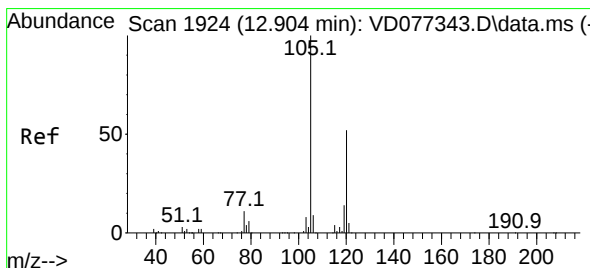
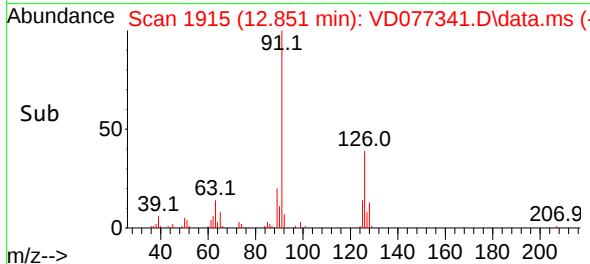
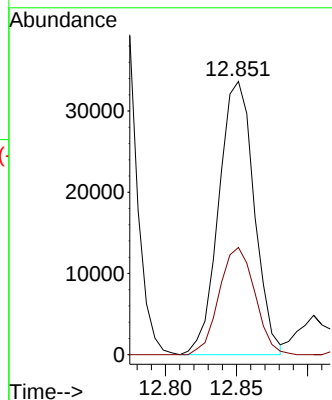
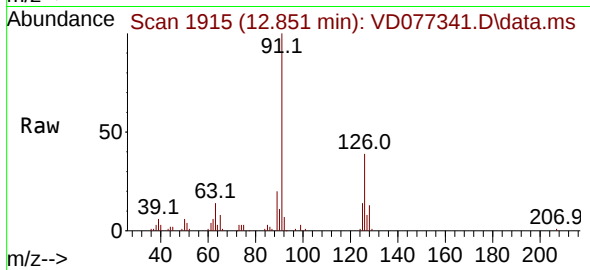
#79
2-Chlorotoluene
Concen: 9.319 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 5845
Ion Ratio Lower Upper
91 100
126 39.5 19.4 58.1

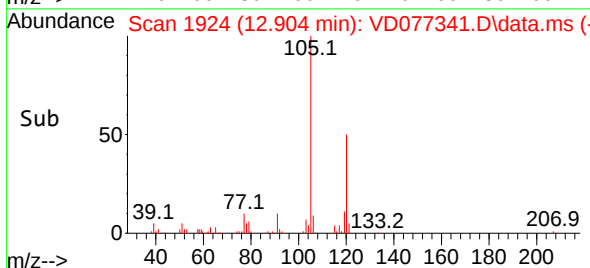
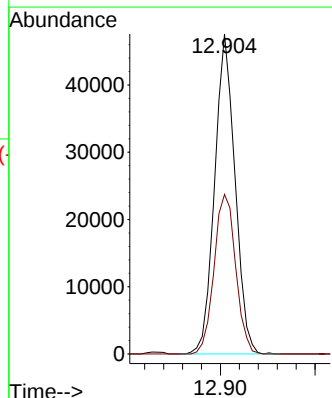
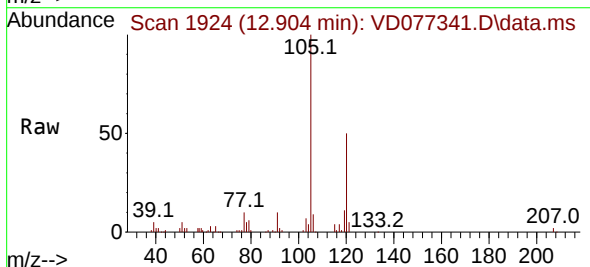
Manual Integrations
APPROVED

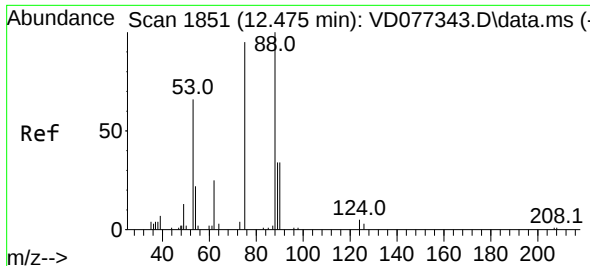
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.016 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:105 Resp: 71138
Ion Ratio Lower Upper
105 100
120 52.8 26.4 79.2





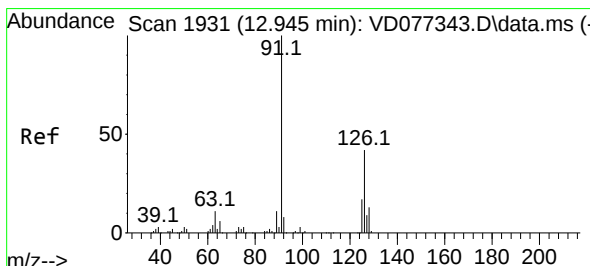
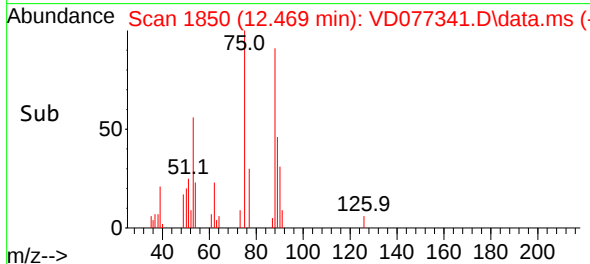
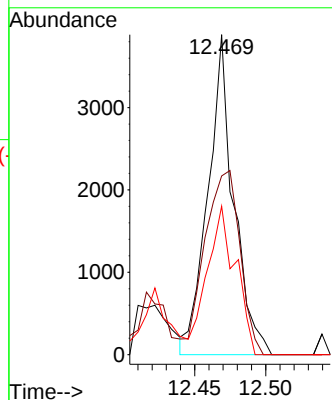
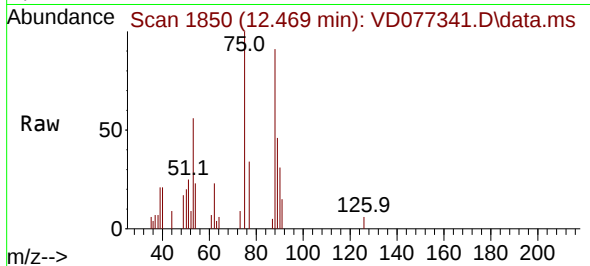
#81
trans-1,4-Dichloro-2-butene
Concen: 9.078 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 489
Ion Ratio Lower Upper
75 100
53 78.6 63.0 94.4
89 51.3 37.9 56.9

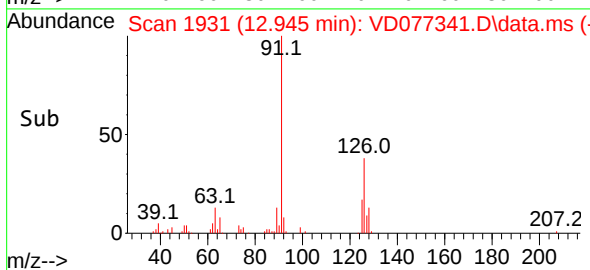
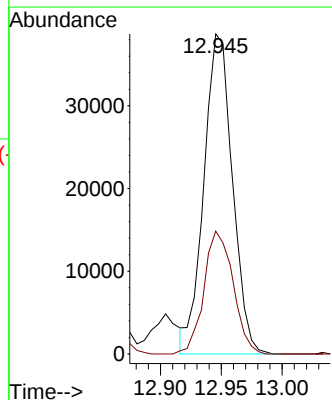
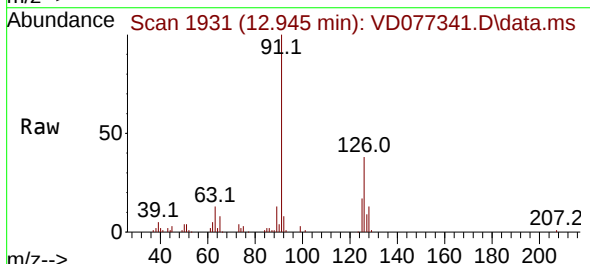
Manual Integrations
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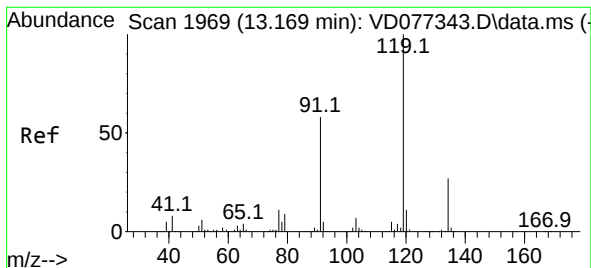
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#82
4-Chlorotoluene
Concen: 9.679 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 91 Resp: 63199
Ion Ratio Lower Upper
91 100
126 39.2 19.4 58.4





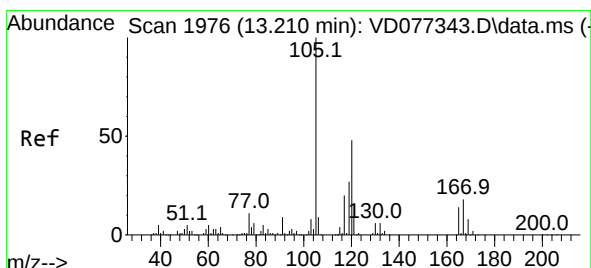
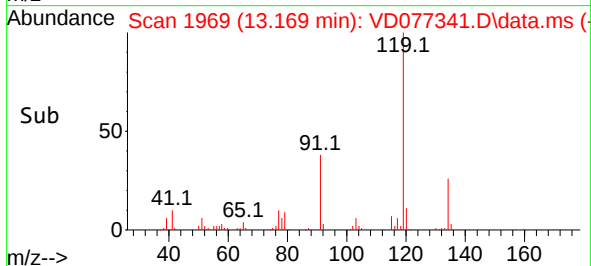
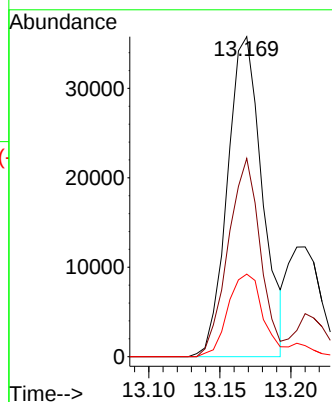
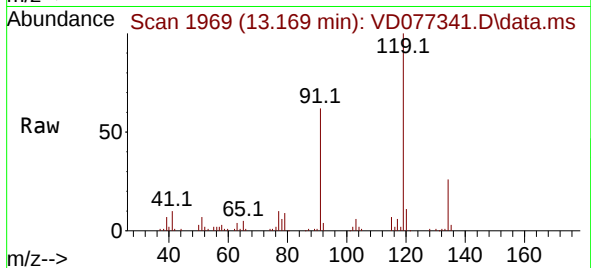
#83
tert-Butylbenzene
Concen: 8.750 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 61210
Ion Ratio Lower Upper
119 100
91 57.3 29.3 87.8
134 26.2 14.1 42.3

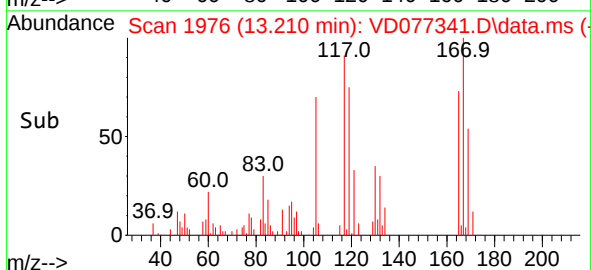
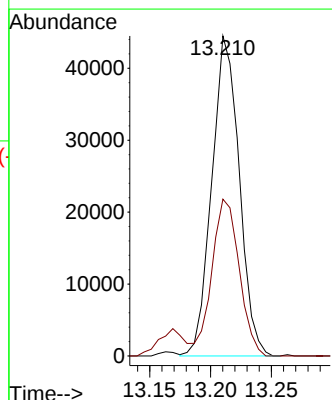
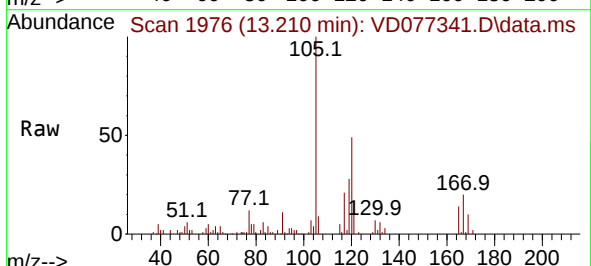
Manual Integrations
APPROVED

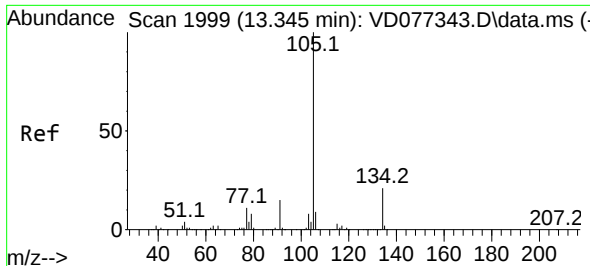
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 8.784 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion:105 Resp: 69779
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9





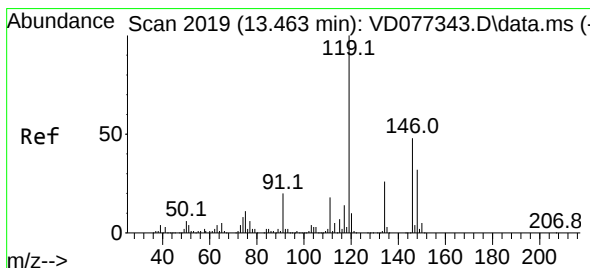
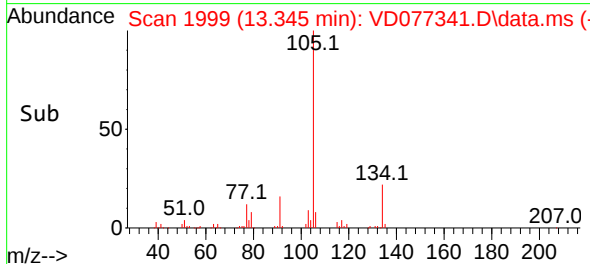
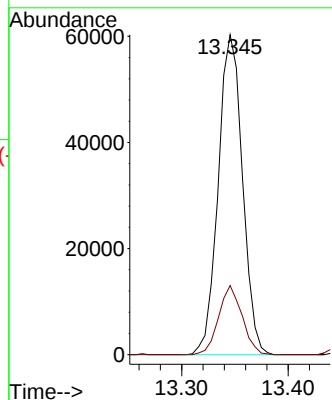
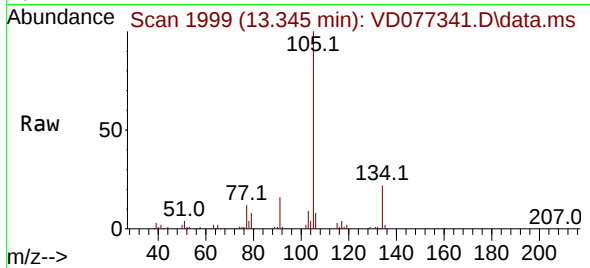
#85
 sec-Butylbenzene
 Concen: 9.055 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 95320
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.9 32.9

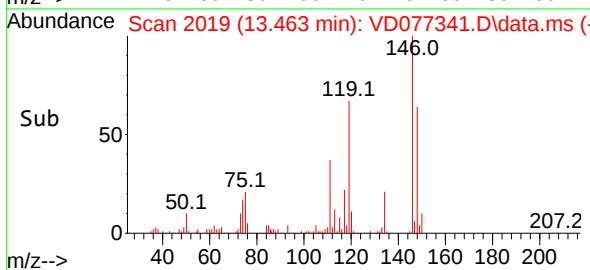
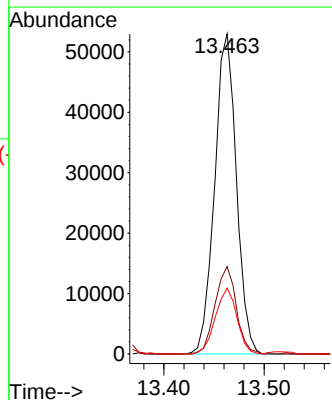
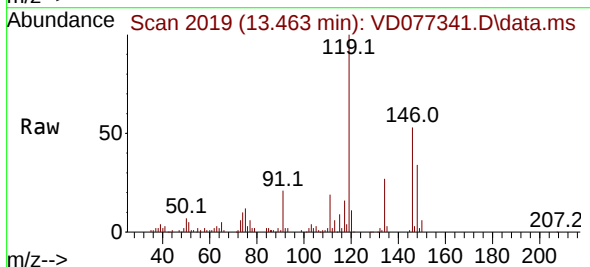
Manual Integrations
 APPROVED

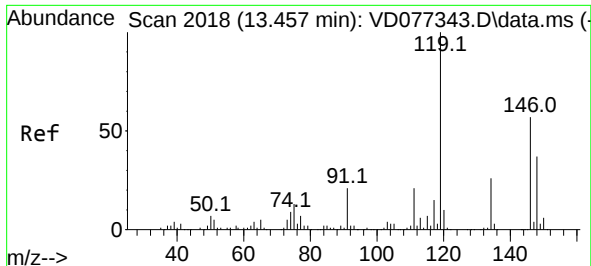
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 8.713 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077341.D
 Acq: 17 Oct 2023 15:03

Tgt Ion:119 Resp: 79680
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 20.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.356 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

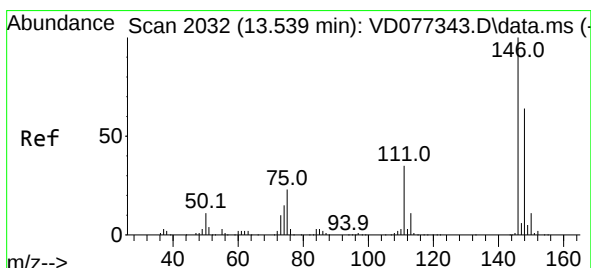
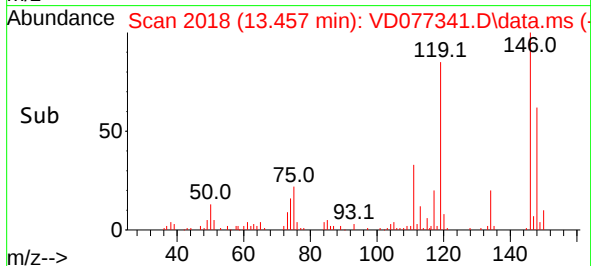
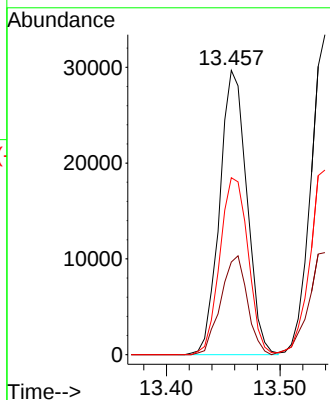
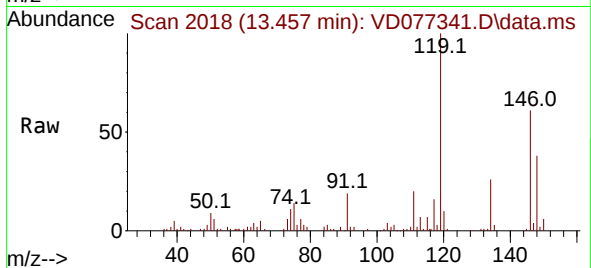
Tgt Ion:146 Resp: 49425

Ion	Ratio	Lower	Upper
146	100		
111	33.8	17.9	53.8
148	64.7	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 10.014 ug/l

RT: 13.539 min Scan# 2032

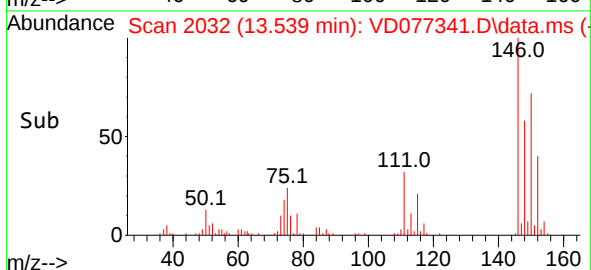
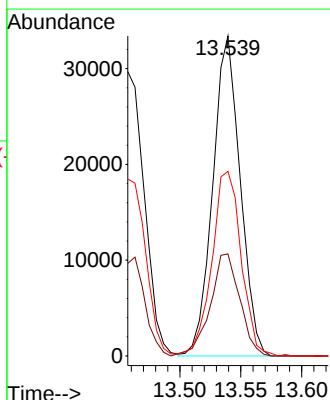
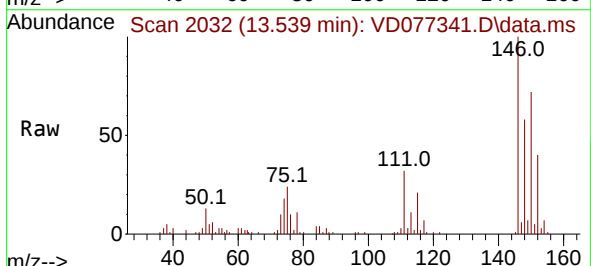
Delta R.T. 0.000 min

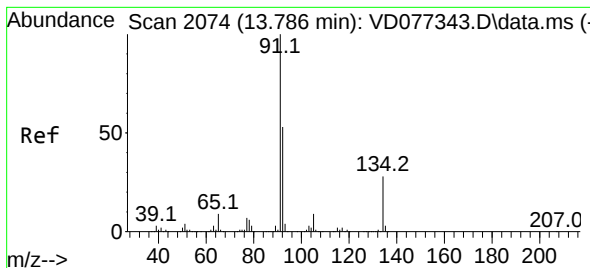
Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:146 Resp: 52420

Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.4	52.3
148	61.6	31.7	95.1





#89

n-Butylbenzene

Concen: 8.885 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

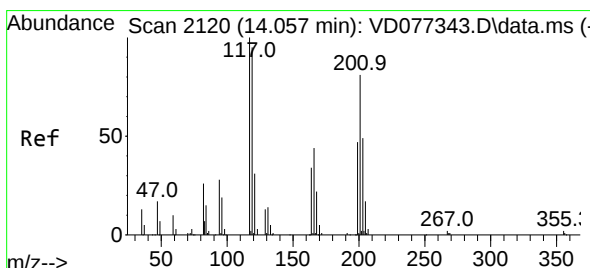
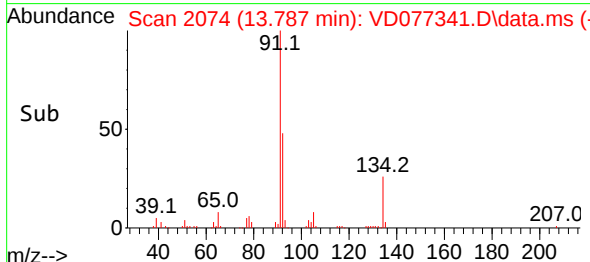
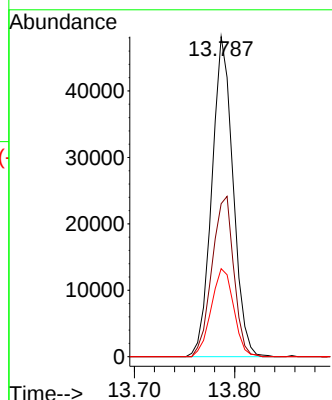
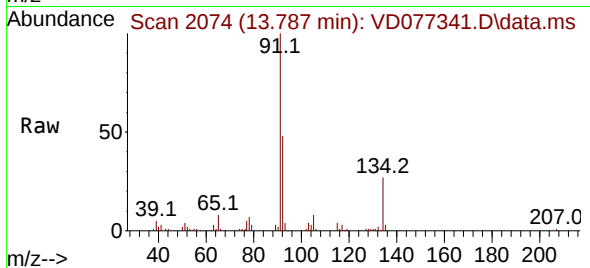
VSTDICC010

Tgt Ion:	91	Resp:	70750
Ion Ratio	Lower	Upper	
91	100		
92	51.6	26.5	79.5
134	29.2	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90

Hexachloroethane

Concen: 10.000 ug/l

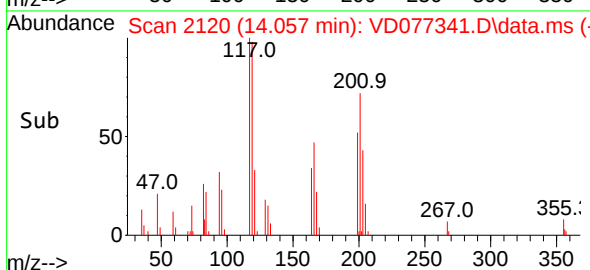
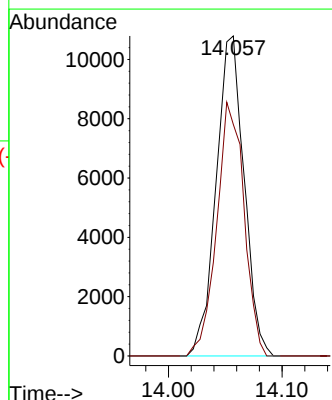
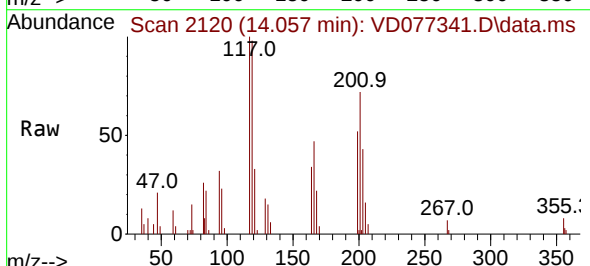
RT: 14.057 min Scan# 2120

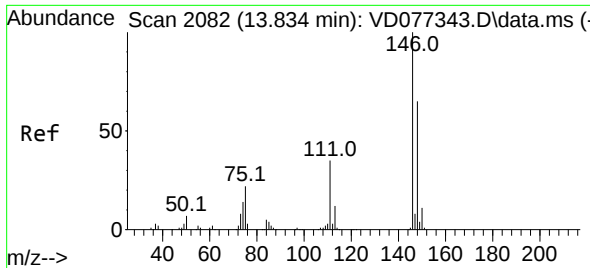
Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Tgt Ion:	117	Resp:	18485
Ion Ratio	Lower	Upper	
117	100		
201	77.3	38.5	115.5





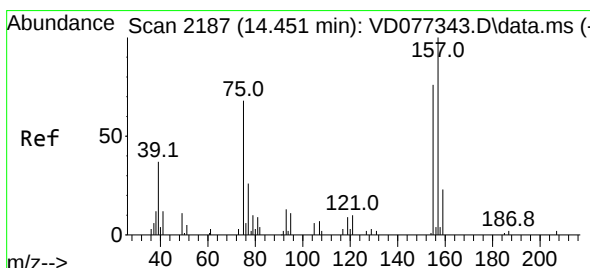
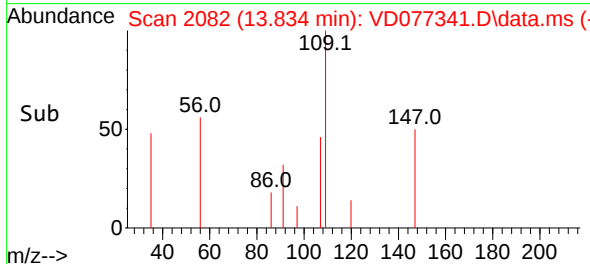
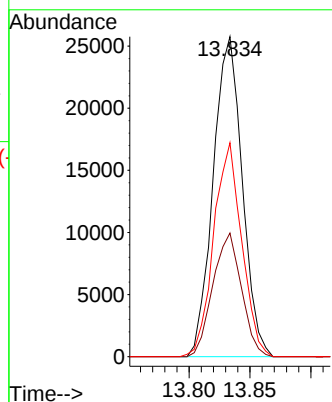
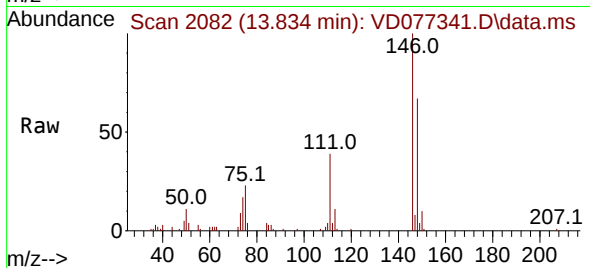
#91
1,2-Dichlorobenzene
Concen: 9.583 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 4276
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 64.5 31.6 94.7

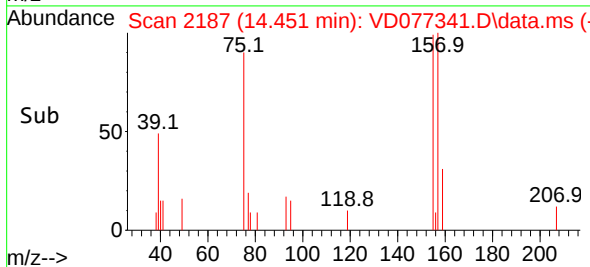
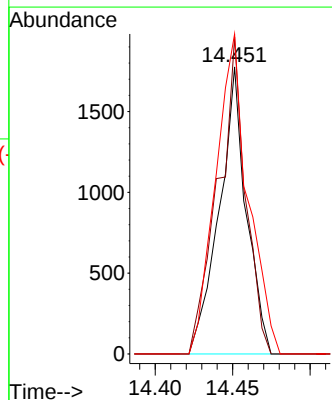
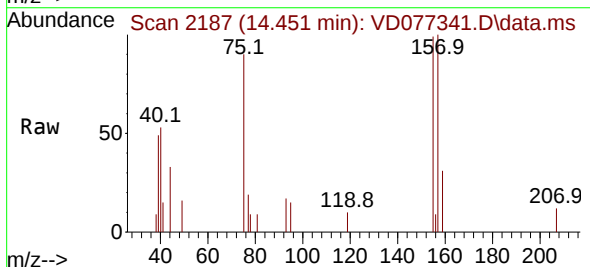
Manual Integrations
APPROVED

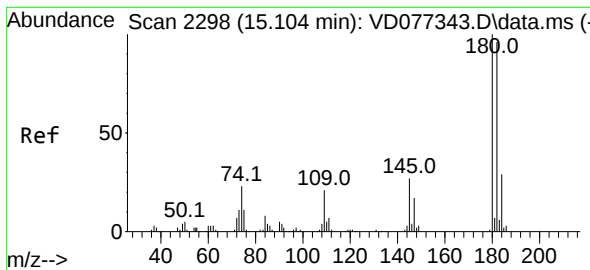
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.134 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

Tgt Ion: 75 Resp: 2155
Ion Ratio Lower Upper
75 100
155 112.3 47.9 143.8
157 133.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 8.896 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

Instrument :

MSVOA_D

ClientSampleId :

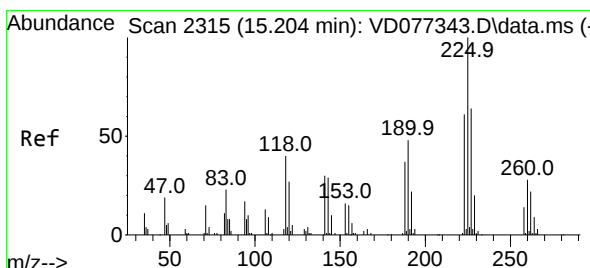
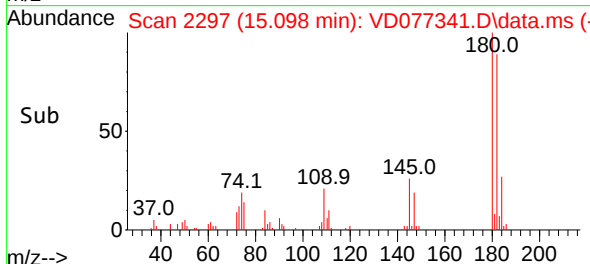
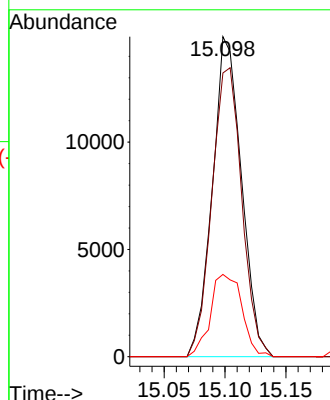
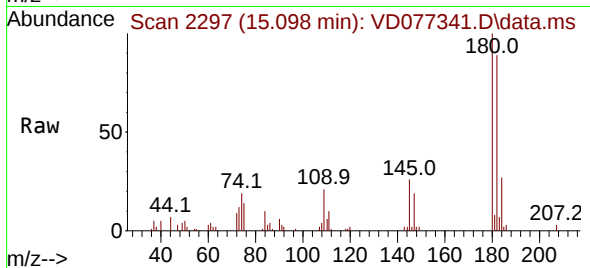
VSTDICC010

Tgt Ion:180	Resp:	24734
Ion Ratio	Lower	Upper
180	100	
182	93.1	48.5 145.6
145	27.9	14.2 42.6

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 9.050 ug/l

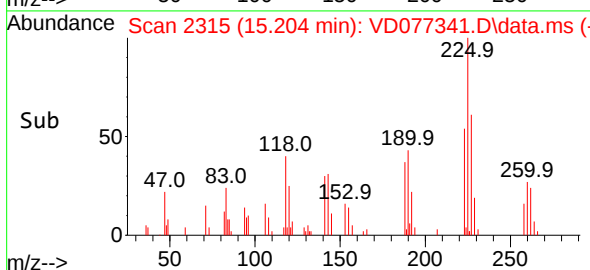
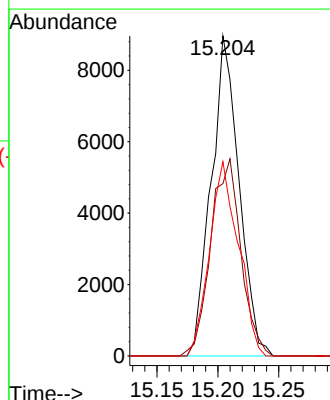
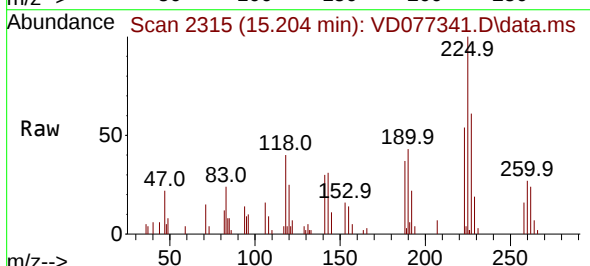
RT: 15.204 min Scan# 2315

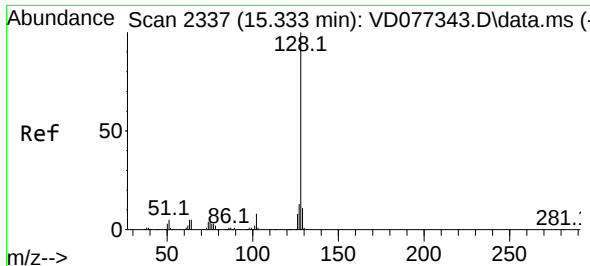
Delta R.T. 0.000 min

Lab File: VD077341.D

Acq: 17 Oct 2023 15:03

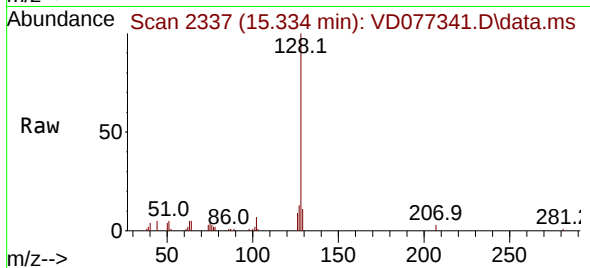
Tgt Ion:225	Resp:	14290
Ion Ratio	Lower	Upper
225	100	
223	66.6	31.6 94.8
227	63.0	31.7 95.1





#95
Naphthalene
Concen: 8.244 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03

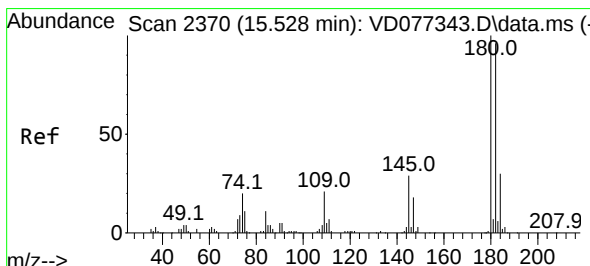
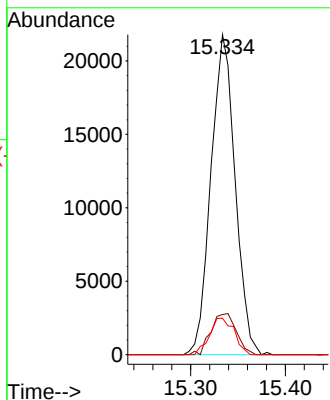
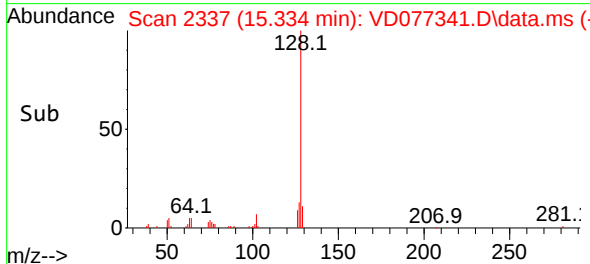
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



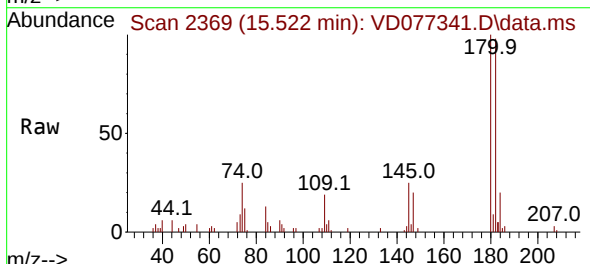
Tgt Ion:128 Resp: 3870
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 8.931 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077341.D
Acq: 17 Oct 2023 15:03



Tgt Ion:180 Resp: 21554
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 27.6 15.1 45.3

