

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
 Data File : VD077247.D
 Acq On : 29 Sep 2023 15:56
 Operator : JC/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 30 04:44:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	347042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	171097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	117084	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.804	113	128858	53.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.269	98	496255	57.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.680%
62) 4-Bromofluorobenzene	12.575	95	144479	54.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44947	22.062	ug/l	96
3) Chloromethane	2.146	50	66620	17.690	ug/l	95
4) Vinyl Chloride	2.281	62	74539	18.503	ug/l	98
5) Bromomethane	2.693	94	59676	20.340	ug/l	98
6) Chloroethane	2.834	64	54065	21.569	ug/l	98
7) Trichlorofluoromethane	3.175	101	82322	22.609	ug/l	99
8) Diethyl Ether	3.587	74	26804	22.809	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.957	101	49343	21.675	ug/l	98
10) Methyl Iodide	4.163	142	60101	18.471	ug/l #	87
11) Tert butyl alcohol	5.051	59	12922	113.916	ug/l	100
12) 1,1-Dichloroethene	3.940	96	48703	21.237	ug/l #	82
13) Acrolein	3.793	56	11460	138.278	ug/l	87
14) Allyl chloride	4.563	41	67221	24.025	ug/l #	90
15) Acrylonitrile	5.251	53	61270	124.336	ug/l	98
16) Acetone	4.016	43	56702	124.698	ug/l	92
17) Carbon Disulfide	4.269	76	156593	20.742	ug/l	99
18) Methyl Acetate	4.557	43	43883	25.522	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	112479	22.666	ug/l	94
20) Methylene Chloride	4.799	84	99831	31.627	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	58701	21.175	ug/l	88
22) Diisopropyl ether	6.222	45	149070	23.565	ug/l	93
23) Vinyl Acetate	6.157	43	356566	140.990	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	102171	22.503	ug/l	97
25) 2-Butanone	7.075	43	74401	124.370	ug/l	92
26) 2,2-Dichloropropane	7.075	77	82226	21.335	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	66068	21.200	ug/l	96
28) Bromochloromethane	7.428	49	29661	21.274	ug/l	83
29) Tetrahydrofuran	7.445	42	41813	119.563	ug/l	87
30) Chloroform	7.593	83	108351	22.143	ug/l	95
31) Cyclohexane	7.881	56	73024	20.980	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	89804	21.987	ug/l	98
36) 1,1-Dichloropropene	8.010	75	76978	21.204	ug/l	95
37) Ethyl Acetate	7.169	43	33089	23.757	ug/l #	93
38) Carbon Tetrachloride	7.992	117	71658	20.083	ug/l	95
39) Methylcyclohexane	9.275	83	82166	19.671	ug/l	92
40) Benzene	8.251	78	237950	21.186	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	16517	22.218	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	61397	22.048	ug/l	98
43) Isopropyl Acetate	8.357	43	59712	23.285	ug/l #	92
44) Trichloroethene	9.028	130	62073	19.968	ug/l	89
45) 1,2-Dichloropropane	9.304	63	61148	22.414	ug/l	96
46) Dibromomethane	9.392	93	33627	21.212	ug/l	93
47) Bromodichloromethane	9.581	83	82640	21.572	ug/l	98
48) Methyl methacrylate	9.381	41	26686	22.901	ug/l	84
49) 1,4-Dioxane	9.381	88	6024	420.983	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	156839	116.943	ug/l	88
52) Toluene	10.334	92	149384	20.790	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	76214	21.295	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	91697	21.385	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	46277	21.463	ug/l	95
56) Ethyl methacrylate	10.598	69	49834	21.513	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	76451	21.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	67687	77.838	ug/l	97
59) 2-Hexanone	10.922	43	115669	120.203	ug/l	88
60) Dibromochloromethane	11.075	129	53595	20.294	ug/l	94
61) 1,2-Dibromoethane	11.181	107	44022	21.119	ug/l	99
64) Tetrachloroethene	10.810	164	50773	19.556	ug/l	93
65) Chlorobenzene	11.610	112	159798	20.357	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	57118	19.889	ug/l	98
67) Ethyl Benzene	11.686	91	271803	20.144	ug/l	95
68) m/p-Xylenes	11.792	106	216272	40.033	ug/l	92
69) o-Xylene	12.122	106	97673	19.698	ug/l	92
70) Styrene	12.133	104	173267	20.510	ug/l	98
71) Bromoform	12.298	173	32368	20.333	ug/l #	97
73) Isopropylbenzene	12.422	105	248627	19.666	ug/l	97
74) N-amyl acetate	12.233	43	53443	22.504	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	52395	21.961	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	63723	46.691	ug/l #	100
77) Bromobenzene	12.704	156	61356	19.491	ug/l	87
78) n-propylbenzene	12.763	91	317037	20.516	ug/l	96
79) 2-Chlorotoluene	12.851	91	177293	20.805	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	208483	19.746	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	16597	23.018	ug/l	98
82) 4-Chlorotoluene	12.945	91	184464	20.596	ug/l	96
83) tert-Butylbenzene	13.169	119	177239	19.649	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	214501	20.035	ug/l	96
85) sec-Butylbenzene	13.345	105	268571	19.841	ug/l	96
86) p-Isopropyltoluene	13.463	119	224355	19.538	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	124458	19.224	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	127859	20.073	ug/l	97
89) n-Butylbenzene	13.786	91	208737	19.705	ug/l	99
90) Hexachloroethane	14.057	117	44140	19.382	ug/l	94
91) 1,2-Dichlorobenzene	13.827	146	108932	19.625	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7036	22.086	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	65553	19.142	ug/l	98
94) Hexachlorobutadiene	15.204	225	34374	18.942	ug/l	99
95) Naphthalene	15.333	128	122436	19.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	59754	19.631	ug/l	99

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QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

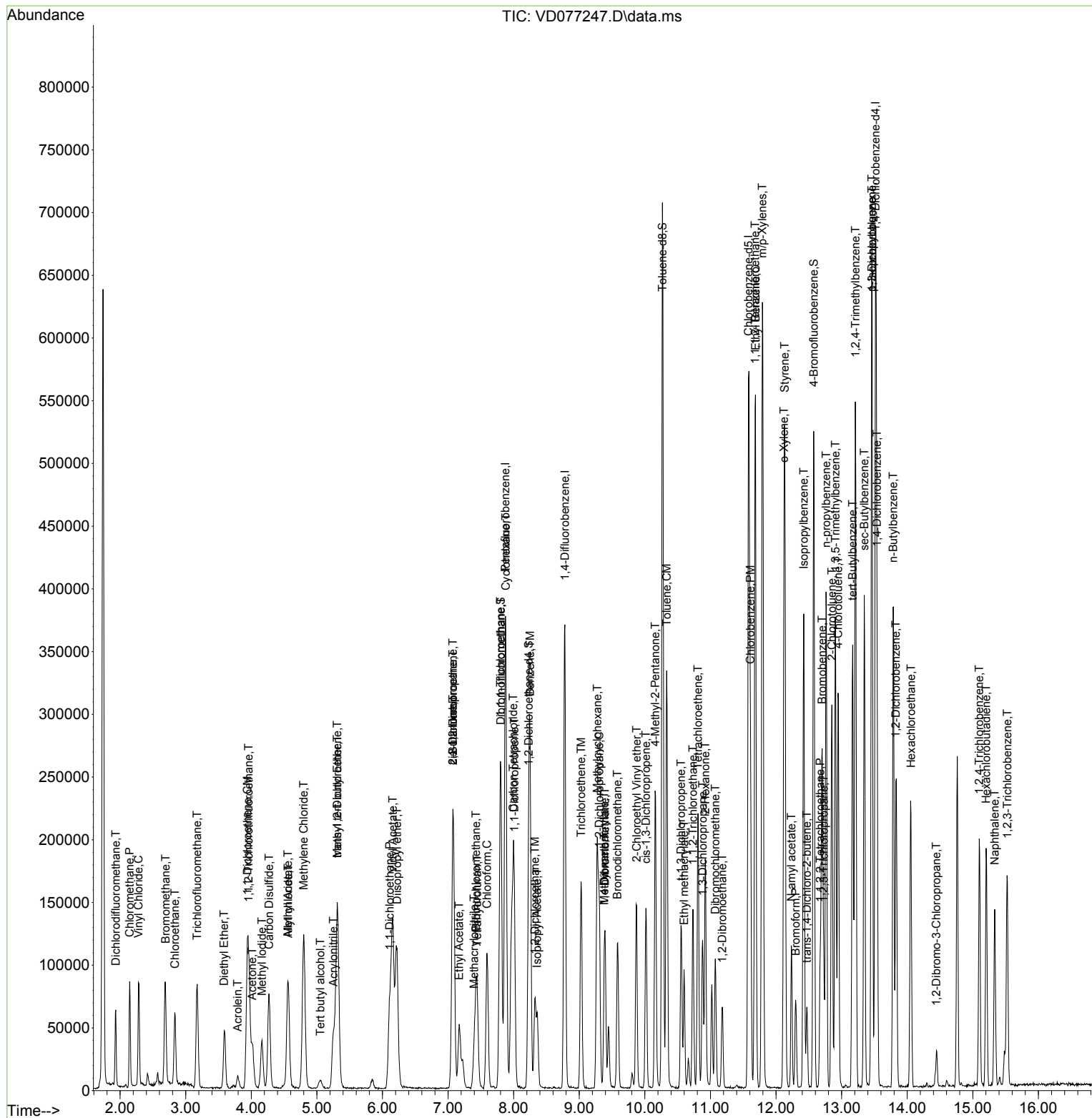
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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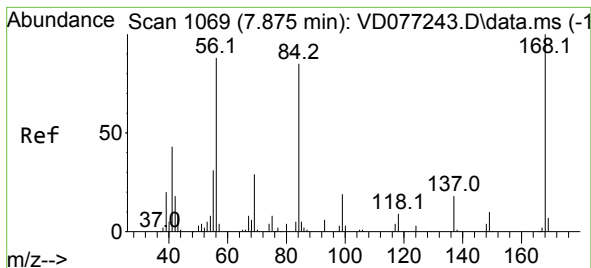
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077247.D

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Instrument :

MSVOA_D

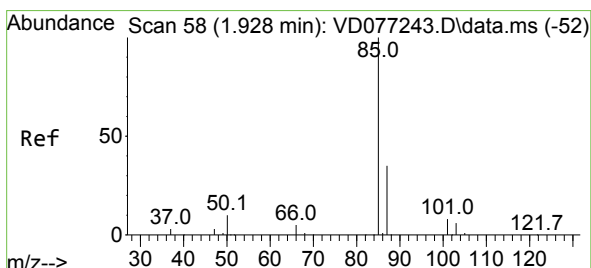
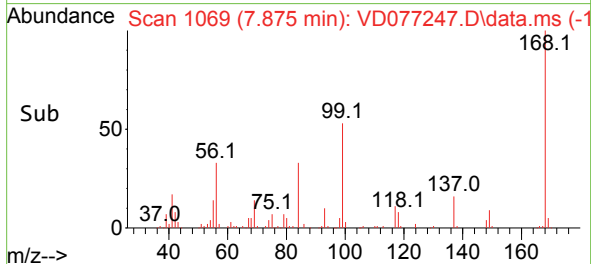
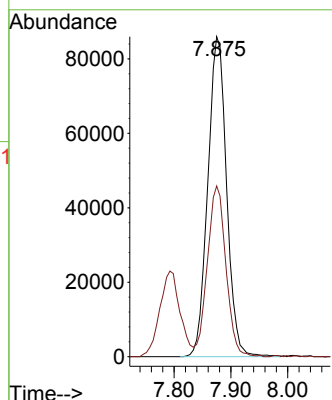
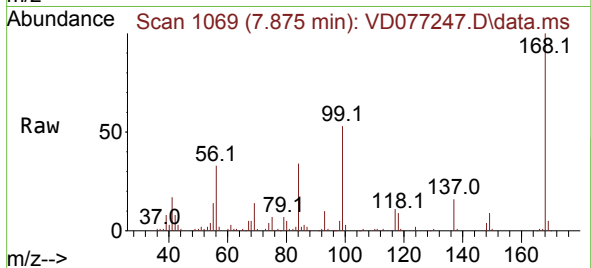
ClientSampleId :

Tgt Ion:168 Resp: 197138

Ion Ratio Lower Upper

168 100

99 53.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 22.062 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD077247.D

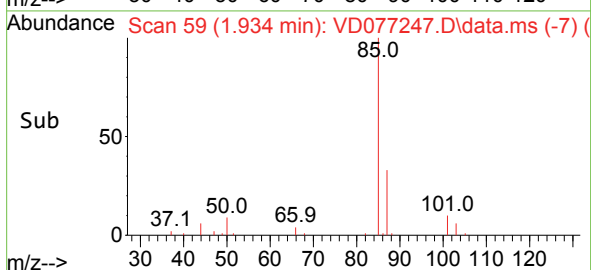
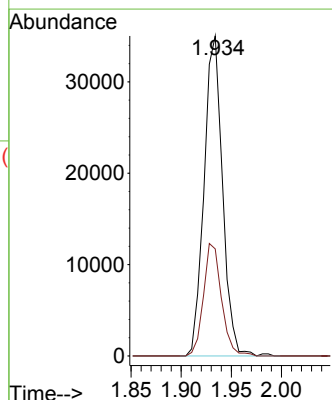
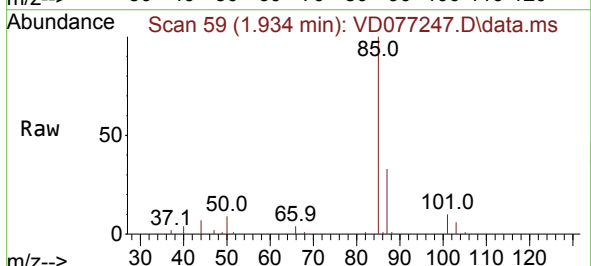
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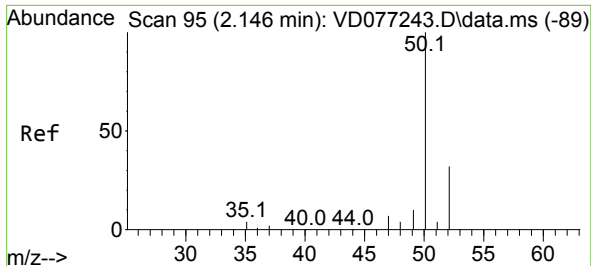
Tgt Ion: 85 Resp: 44947

Ion Ratio Lower Upper

85 100

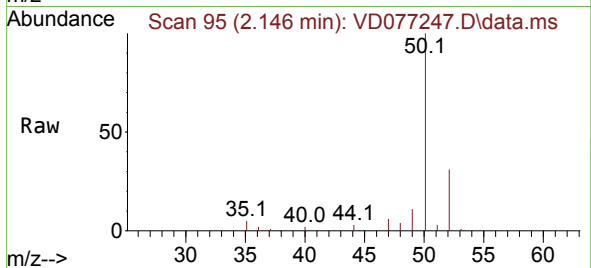
87 33.5 15.7 47.0



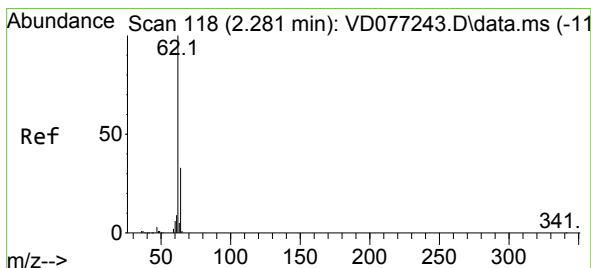
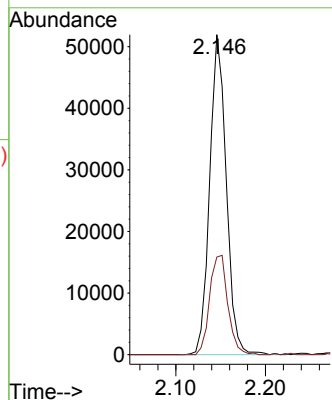
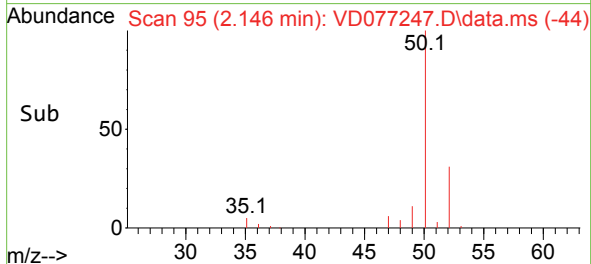


#3
Chloromethane
Concen: 17.690 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077247.D
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Instrument :
MSVOA_D
ClientSampleId :

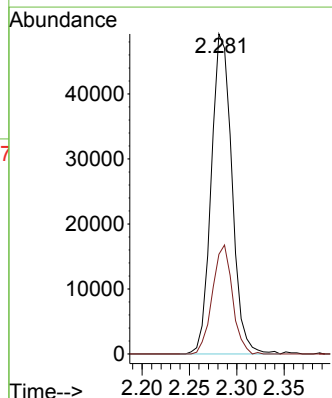
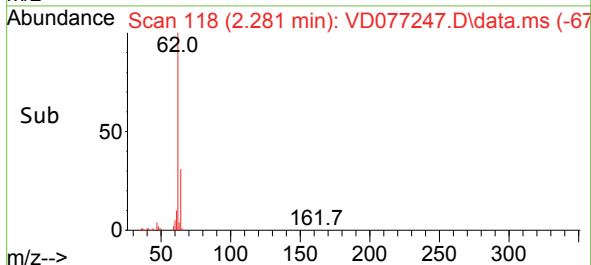
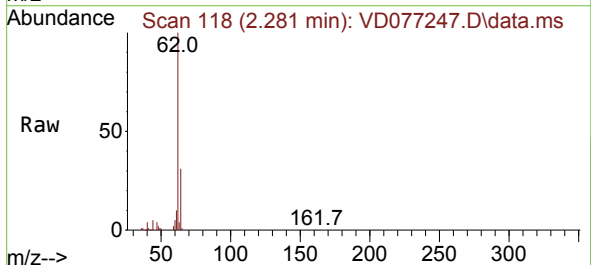


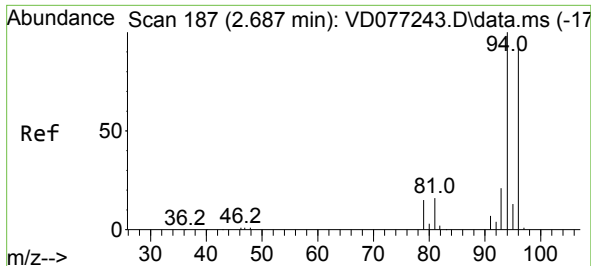
Tgt Ion: 50 Resp: 66620
Ion Ratio Lower Upper
50 100
52 30.5 26.6 40.0



#4
Vinyl Chloride
Concen: 18.503 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 62 Resp: 74539
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

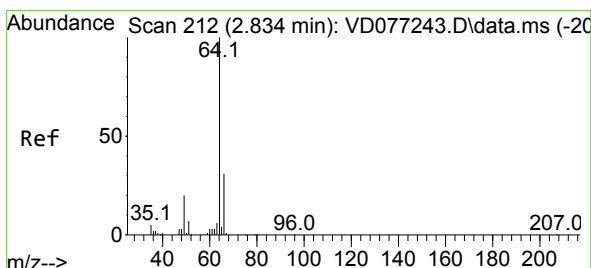
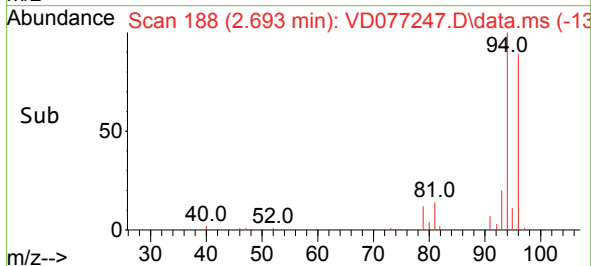
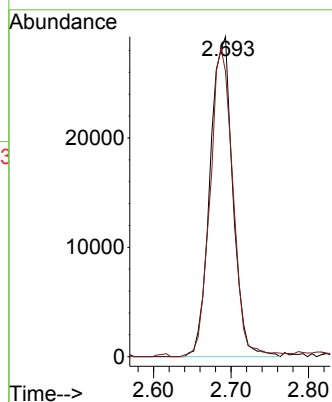
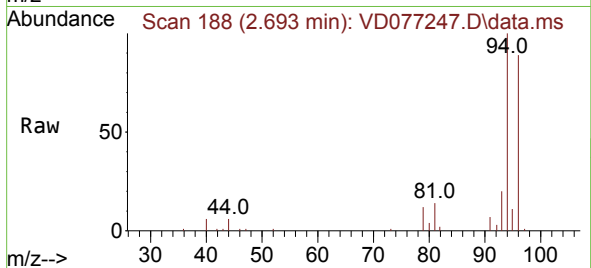




#5
Bromomethane
Concen: 20.340 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

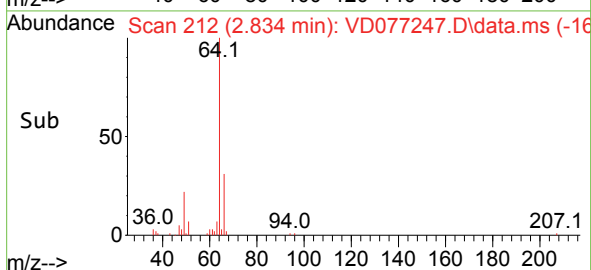
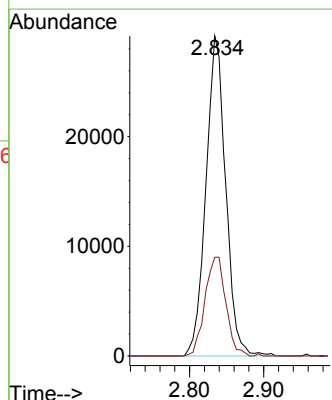
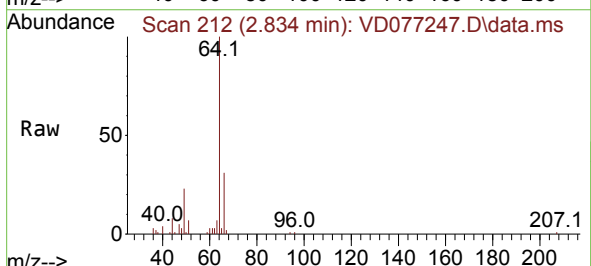
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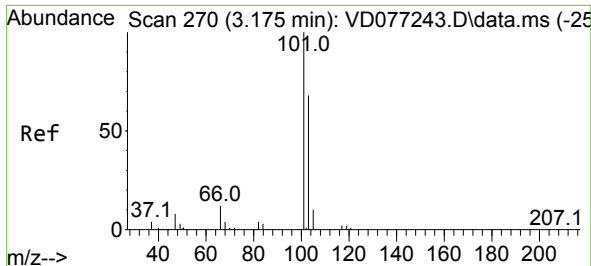
Tgt Ion: 94 Resp: 59676
Ion Ratio Lower Upper
94 100
96 96.9 75.8 113.8



#6
Chloroethane
Concen: 21.569 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 64 Resp: 54065
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

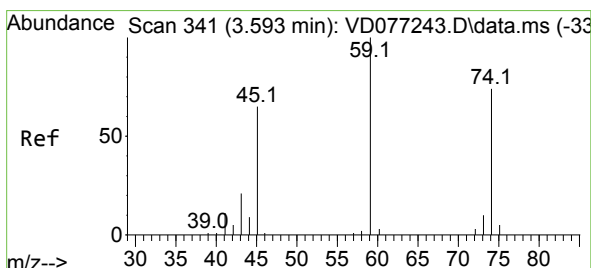
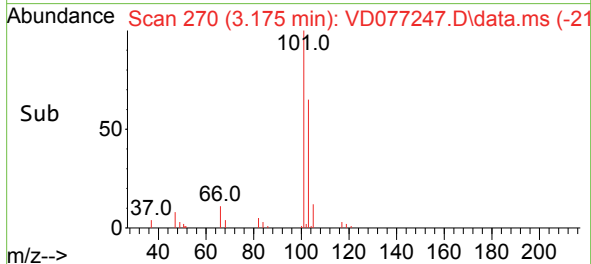
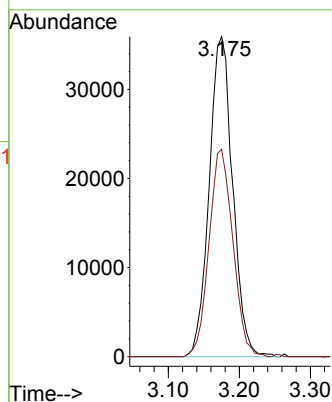
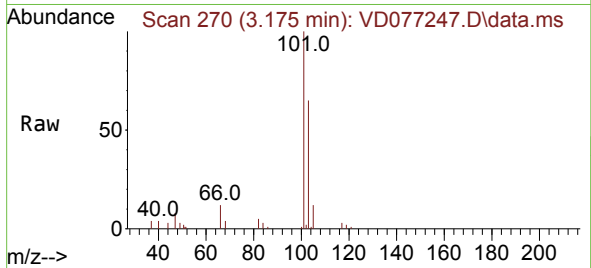




#7
 Trichlorofluoromethane
 Concen: 22.609 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

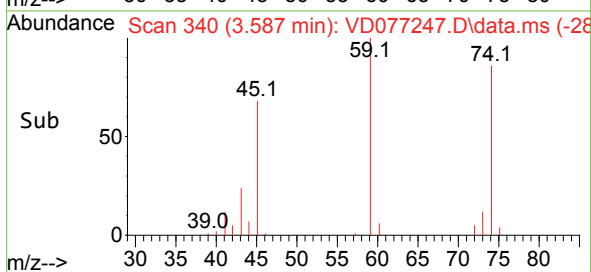
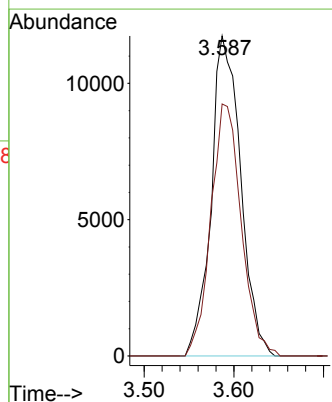
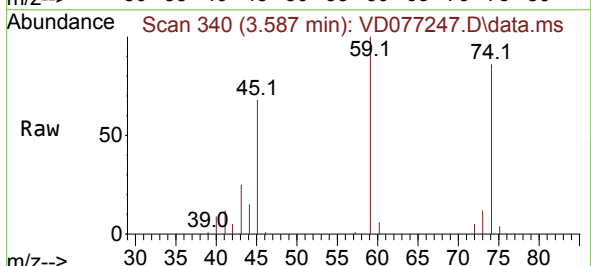
Instrument :
 MSVOA_D
 ClientSampleId :

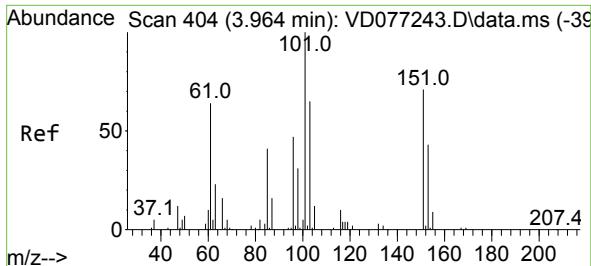
Tgt Ion:101 Resp: 82322
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.809 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD077247.D
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Tgt Ion: 74 Resp: 26804
 Ion Ratio Lower Upper
 74 100
 45 81.0 37.5 112.7

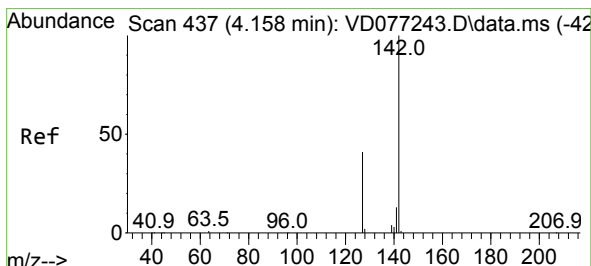
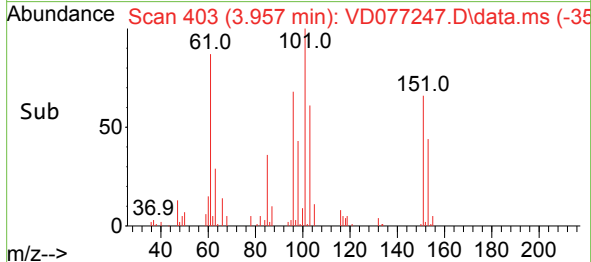
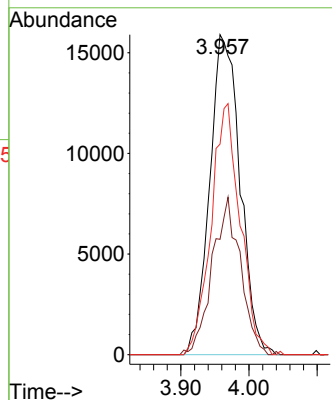
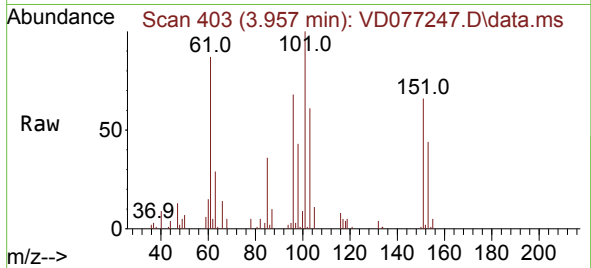




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.675 ug/l
RT: 3.957 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

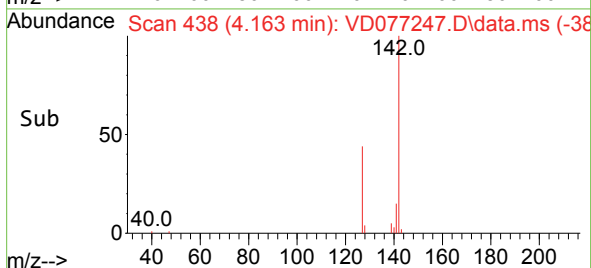
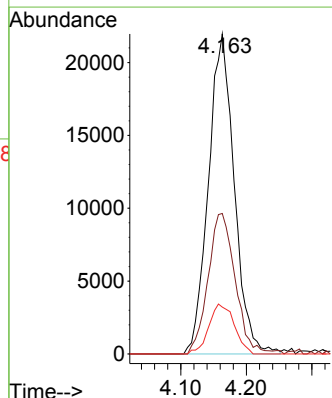
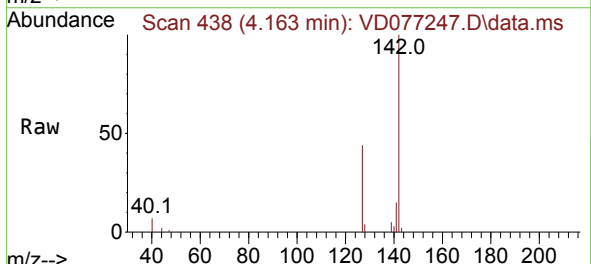
Instrument :
MSVOA_D
ClientSampleId :

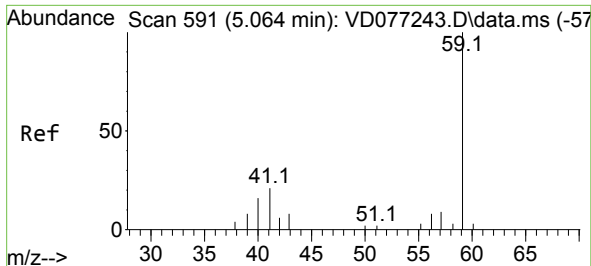
Tgt Ion:101 Resp: 49343
Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 74.9 59.8 89.6



#10
Methyl Iodide
Concen: 18.471 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:142 Resp: 60101
Ion Ratio Lower Upper
142 100
127 46.2 29.4 44.0#
141 15.4 11.1 16.7

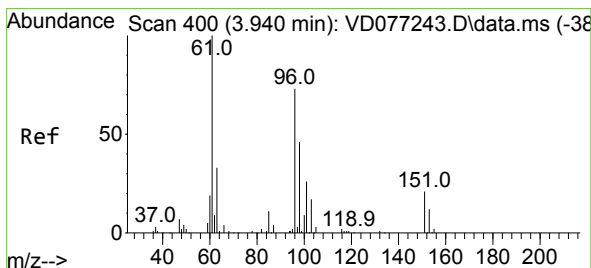
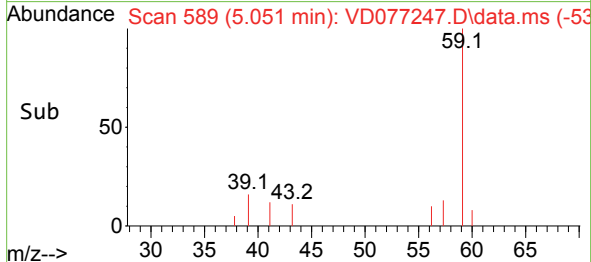
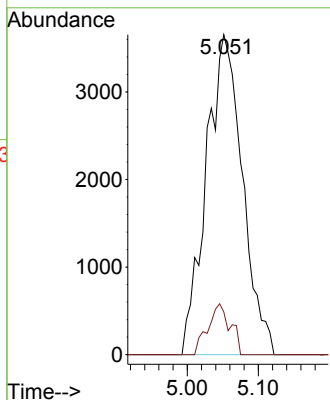
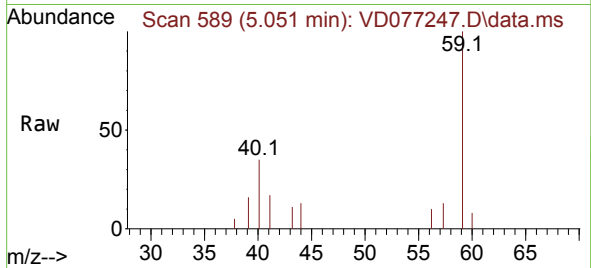




#11
Tert butyl alcohol
Concen: 113.916 ug/l
RT: 5.051 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

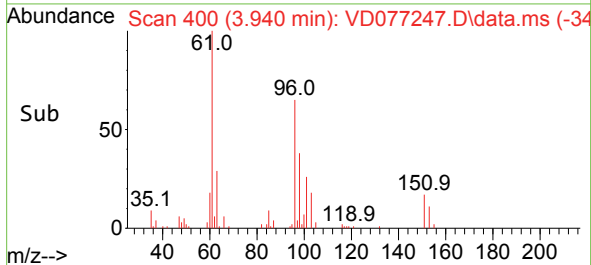
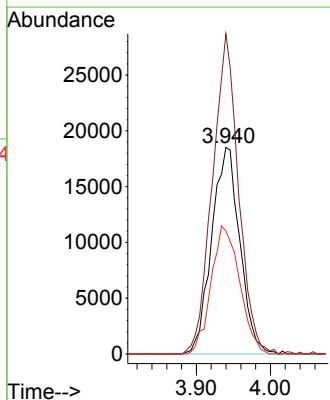
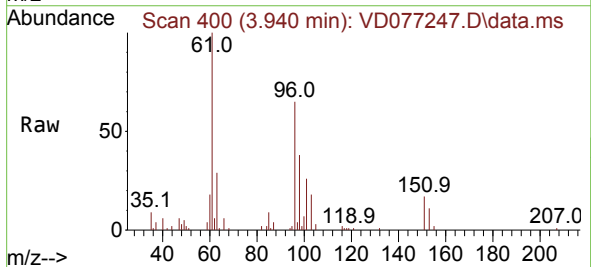
Instrument :
MSVOA_D
ClientSampleId :

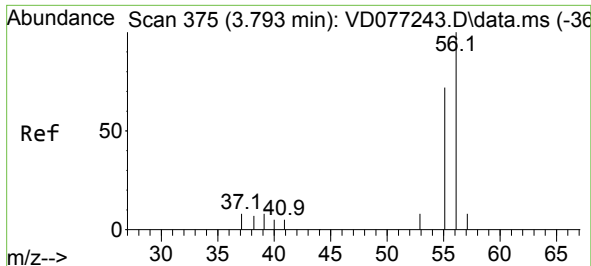
Tgt Ion: 59 Resp: 12922
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.237 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 96 Resp: 48703
Ion Ratio Lower Upper
96 100
61 154.9 100.6 150.8#
98 59.6 50.2 75.2





#13

Acrolein

Concen: 138.278 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

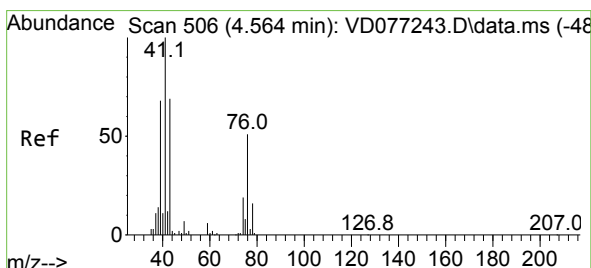
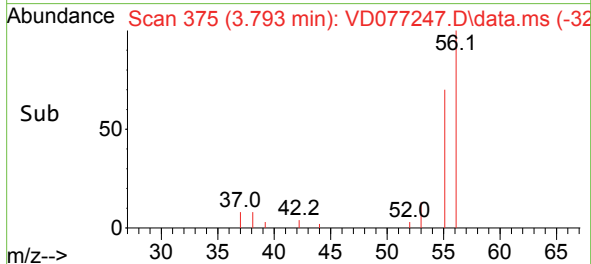
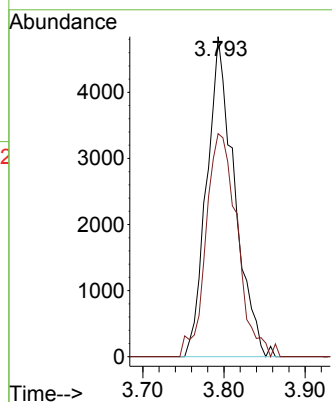
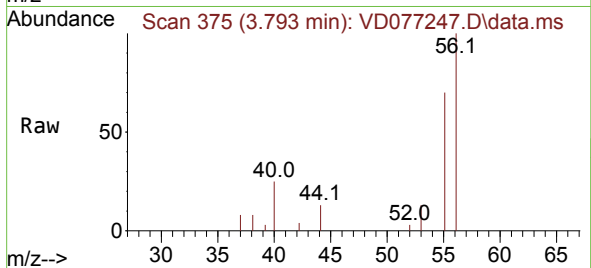
ClientSampleId :

Tgt Ion: 56 Resp: 11460

Ion Ratio Lower Upper

56 100

55 79.2 55.1 82.7



#14

Allyl chloride

Concen: 24.025 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

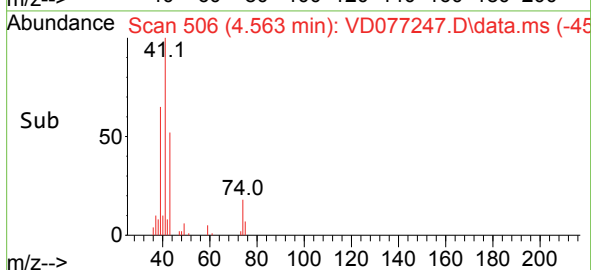
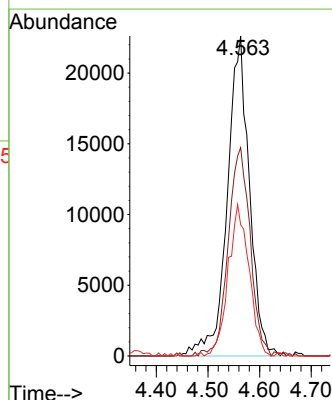
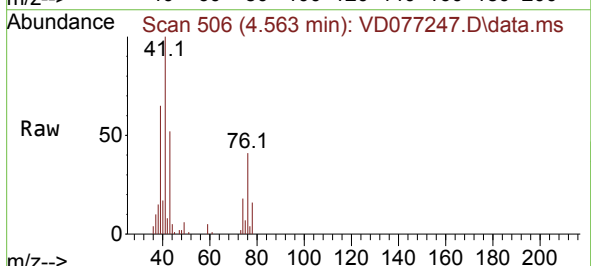
Tgt Ion: 41 Resp: 67221

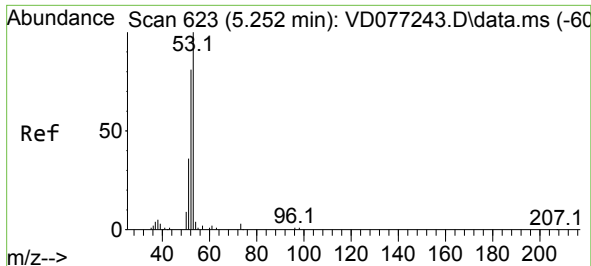
Ion Ratio Lower Upper

41 100

39 64.8 53.8 80.6

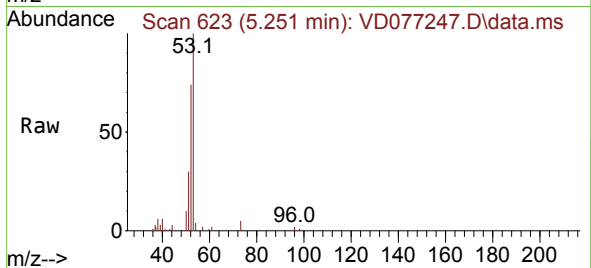
76 44.5 45.8 68.8#



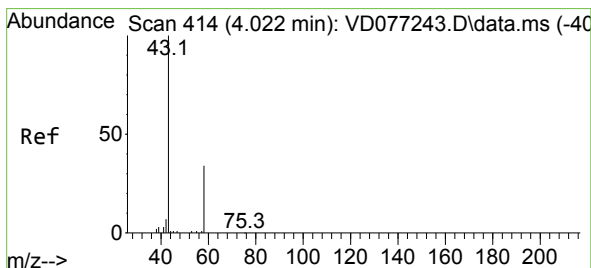
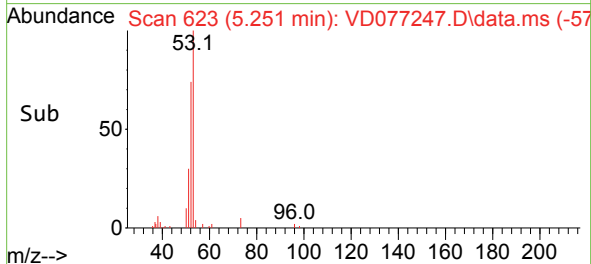
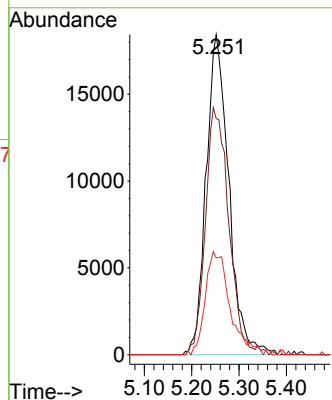


#15
Acrylonitrile
Concen: 124.336 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Instrument :
MSVOA_D
ClientSampleId :

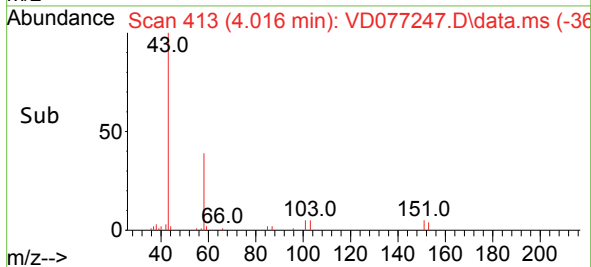
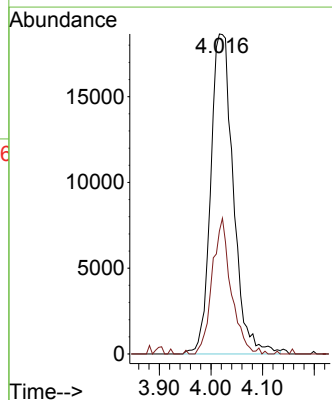
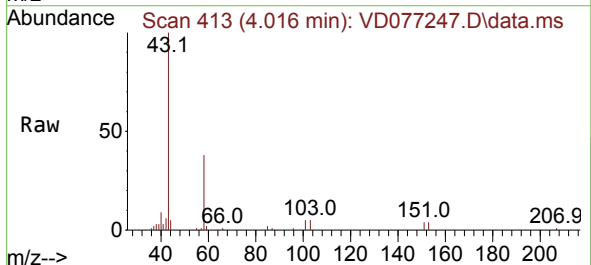


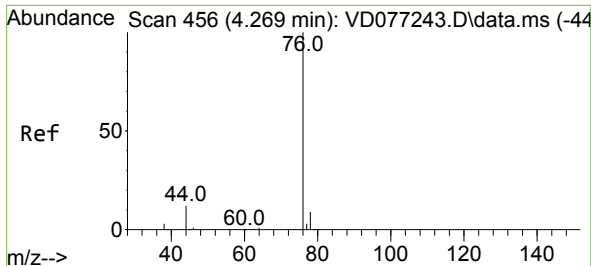
Tgt Ion: 53 Resp: 61270
Ion Ratio Lower Upper
53 100
52 79.0 65.0 97.4
51 34.9 28.3 42.5



#16
Acetone
Concen: 124.698 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 43 Resp: 56702
Ion Ratio Lower Upper
43 100
58 38.4 34.7 52.1

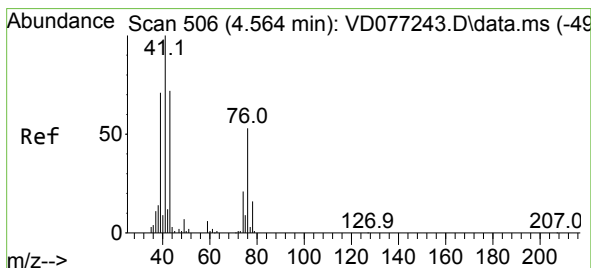
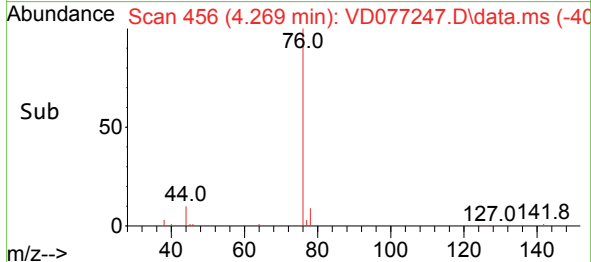
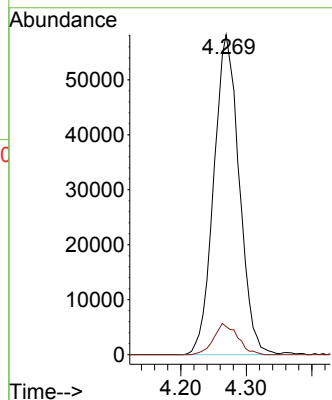
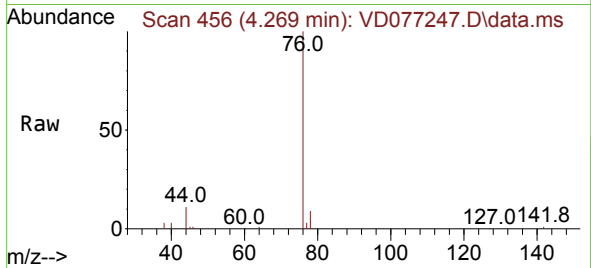




#17
Carbon Disulfide
Concen: 20.742 ug/l
RT: 4.269 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

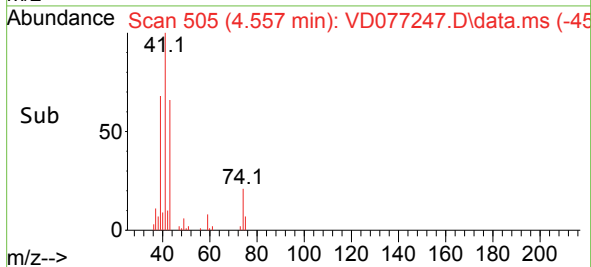
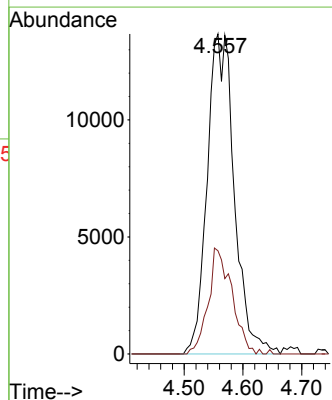
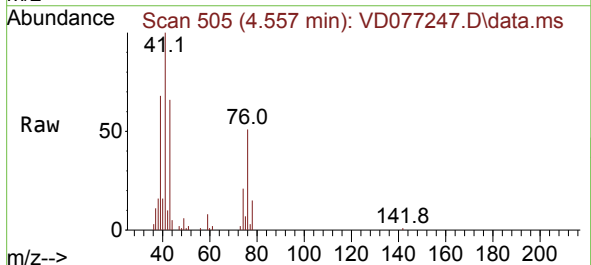
Instrument :
MSVOA_D
ClientSampleId :

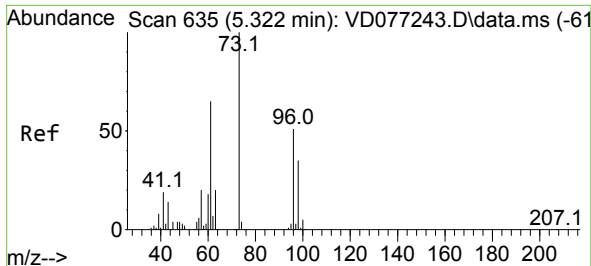
Tgt Ion: 76 Resp: 156593
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 25.522 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 43 Resp: 43883
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.666 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

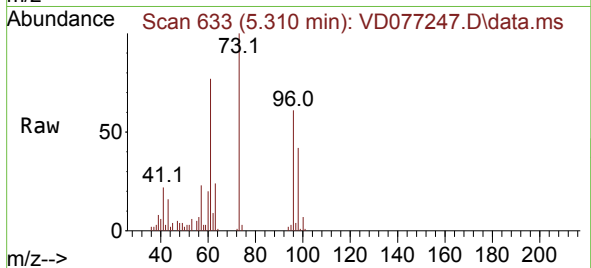
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

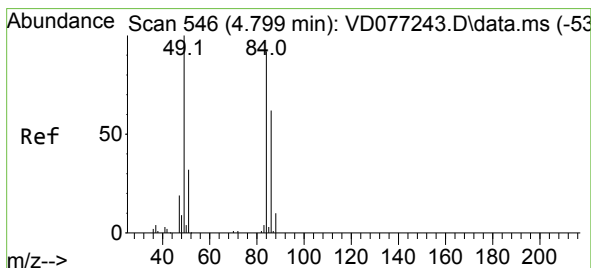
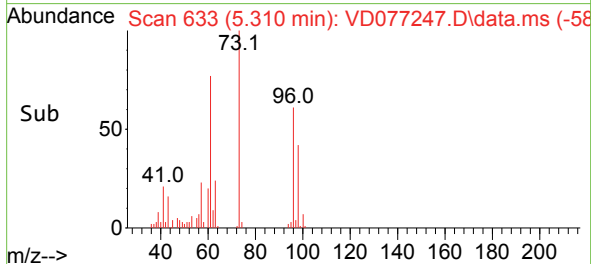
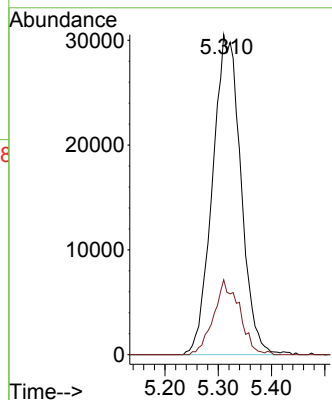


Tgt Ion: 73 Resp: 112479

Ion Ratio Lower Upper

73 100

57 23.4 16.6 25.0



#20

Methylene Chloride

Concen: 31.627 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Tgt Ion: 84 Resp: 99831

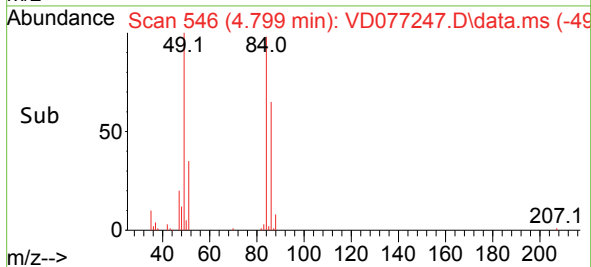
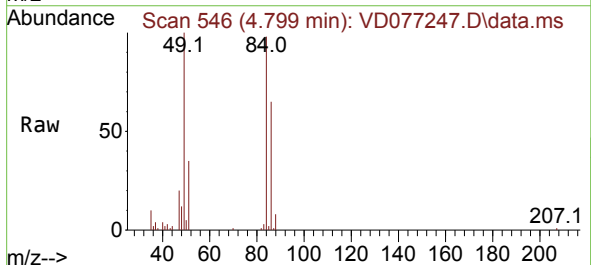
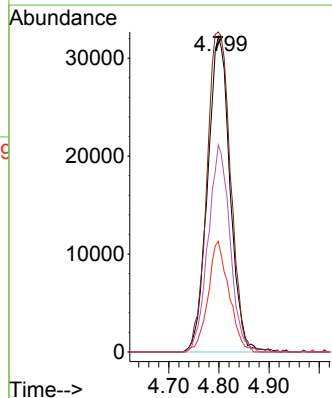
Ion Ratio Lower Upper

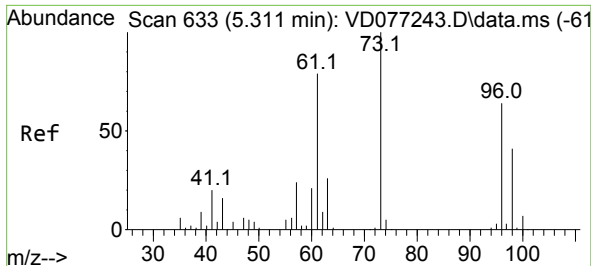
84 100

49 101.5 71.4 107.2

51 35.1 24.5 36.7

86 65.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 21.175 ug/l

RT: 5.310 min Scan# 61

Delta R.T. 0.006 min

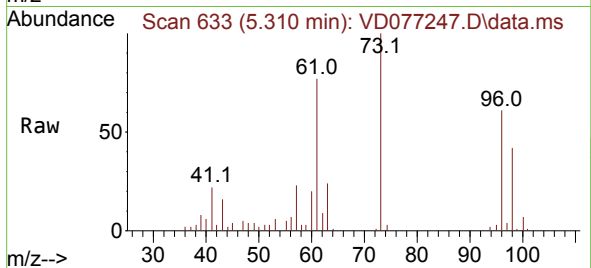
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



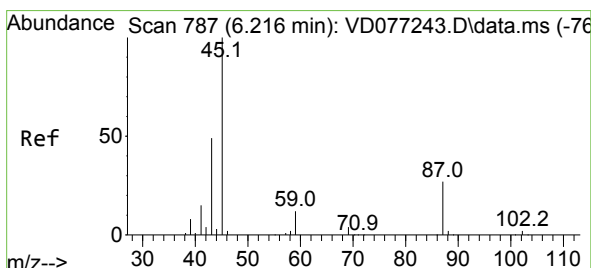
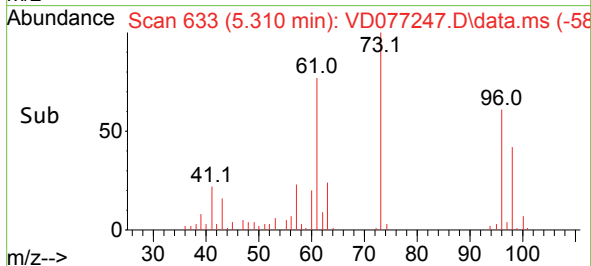
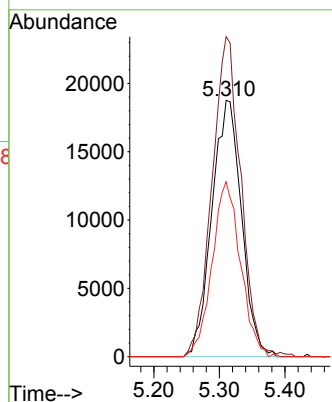
Tgt Ion: 96 Resp: 58701

Ion Ratio Lower Upper

96 100

61 124.9 89.3 133.9

98 68.2 48.6 73.0



#22

Diisopropyl ether

Concen: 23.565 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Tgt Ion: 45 Resp: 149070

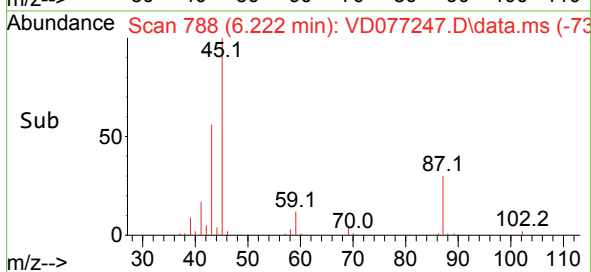
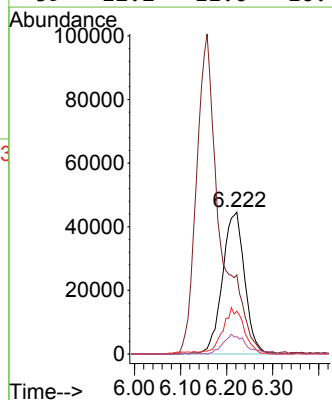
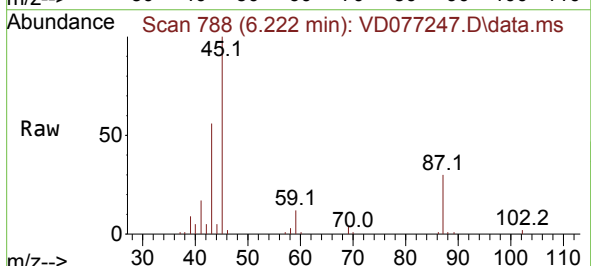
Ion Ratio Lower Upper

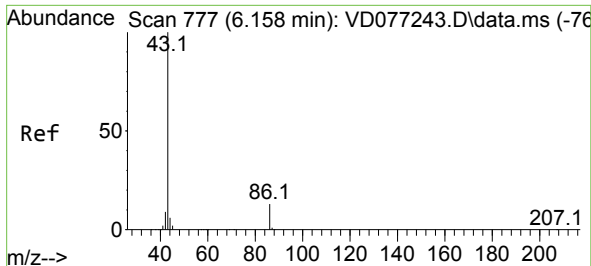
45 100

43 54.5 40.0 60.0

87 30.1 28.2 42.4

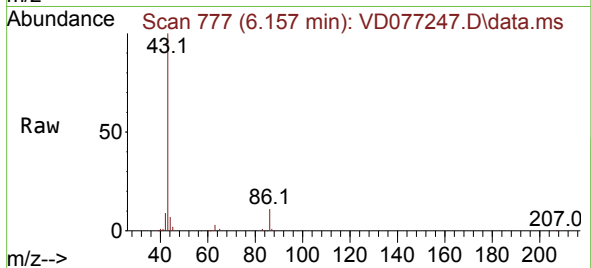
59 12.2 11.0 16.4



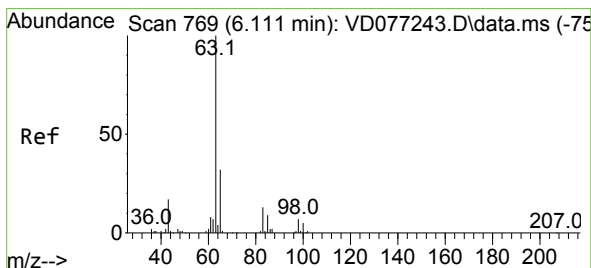
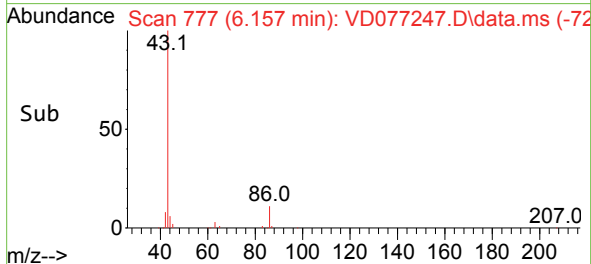
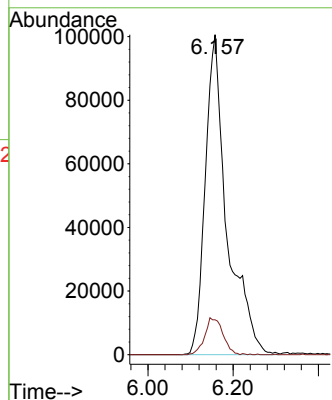


#23
 Vinyl Acetate
 Concen: 140.990 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Instrument :
 MSVOA_D
 ClientSampleId :

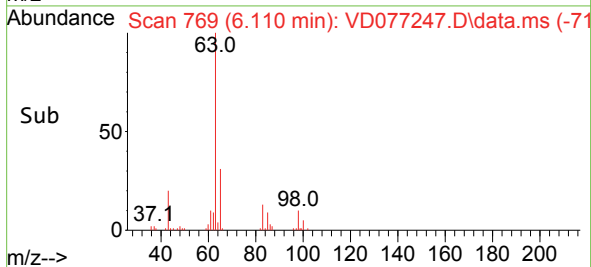
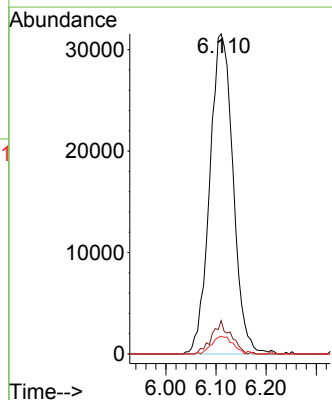
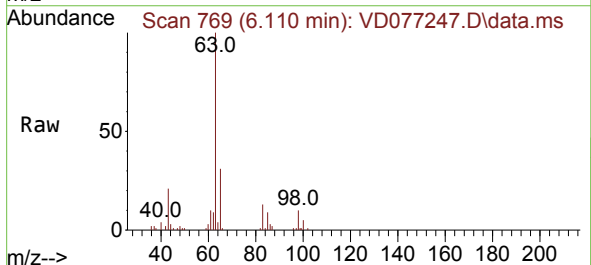


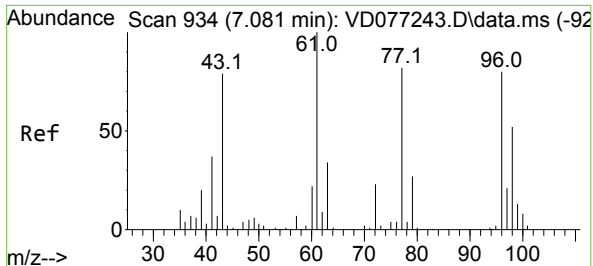
Tgt Ion: 43 Resp: 356566
 Ion Ratio Lower Upper
 43 100
 86 10.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 22.503 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Tgt Ion: 63 Resp: 102171
 Ion Ratio Lower Upper
 63 100
 98 10.4 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 124.370 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

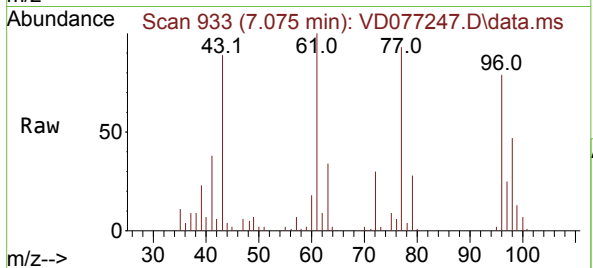
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

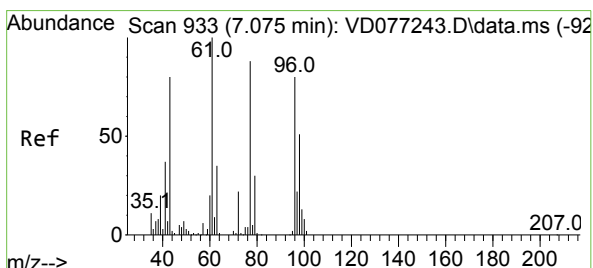
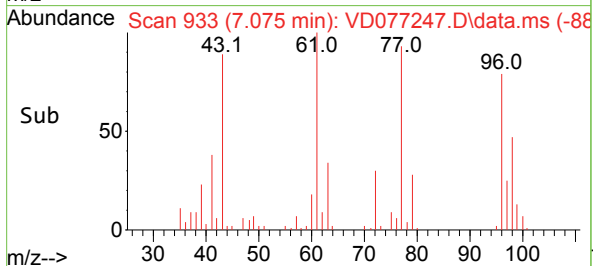
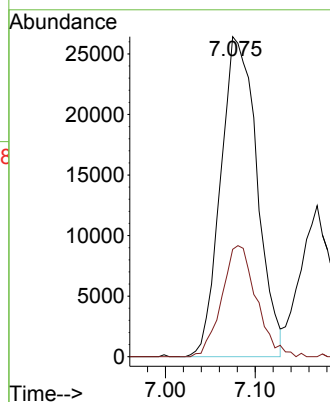


Tgt Ion: 43 Resp: 74401

Ion Ratio Lower Upper

43 100

72 33.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 21.335 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077247.D

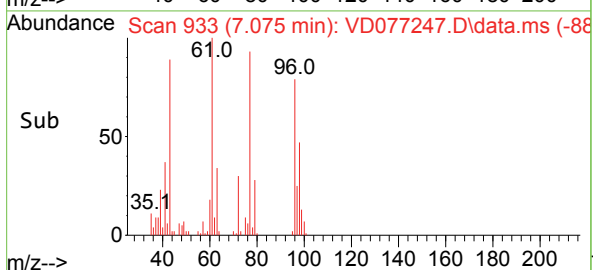
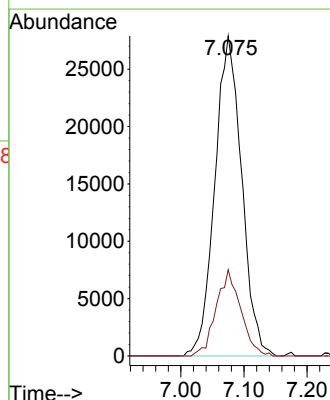
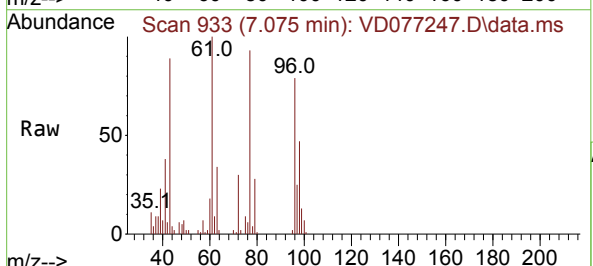
Acq: 29 Sep 2023 15:56

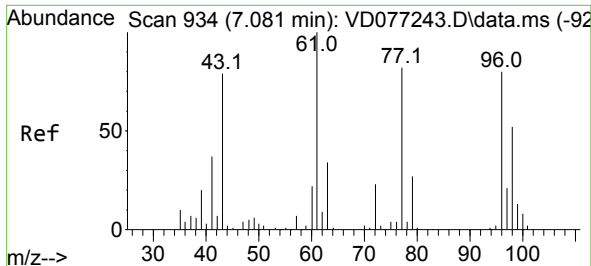
Tgt Ion: 77 Resp: 82226

Ion Ratio Lower Upper

77 100

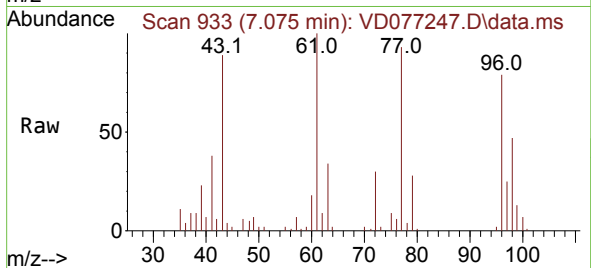
97 24.7 13.2 39.6



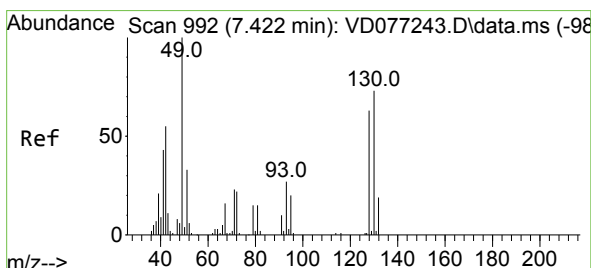
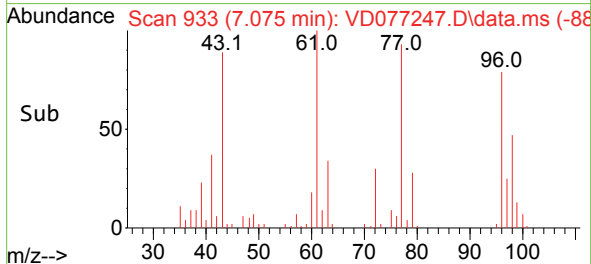
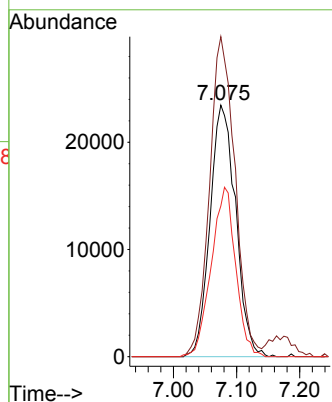


#27
cis-1,2-Dichloroethene
Concen: 21.200 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Instrument :
MSVOA_D
ClientSampleId :

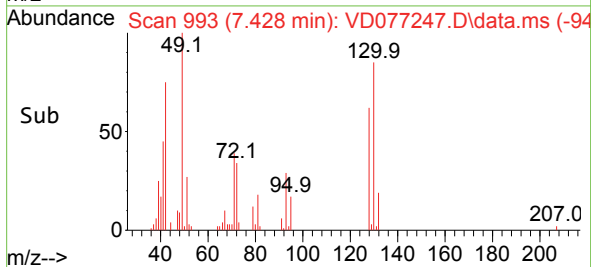
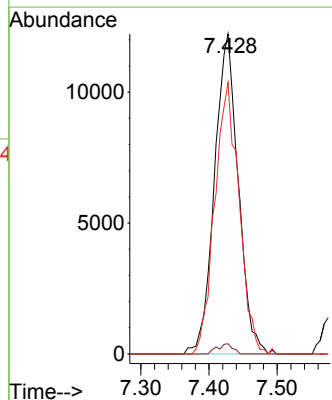
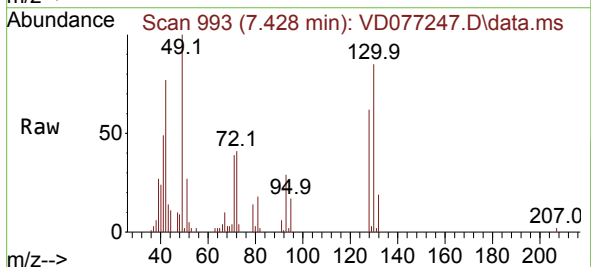


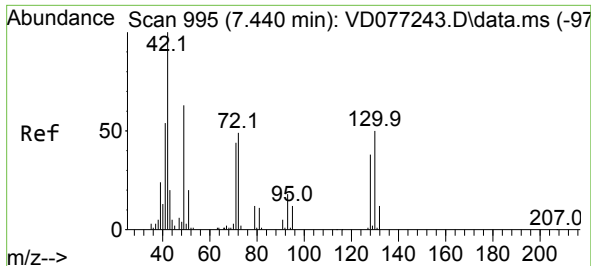
Tgt Ion: 96 Resp: 66068
Ion Ratio Lower Upper
96 100
61 126.9 0.0 239.2
98 64.2 0.0 128.6



#28
Bromochloromethane
Concen: 21.274 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 49 Resp: 29661
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 86.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 119.563 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.006 min

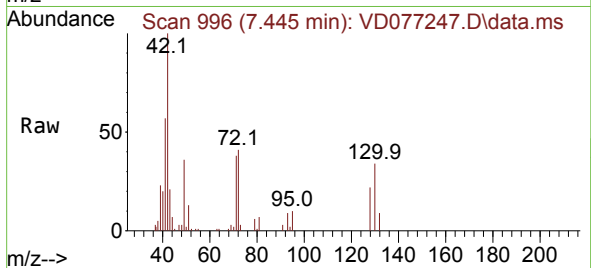
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



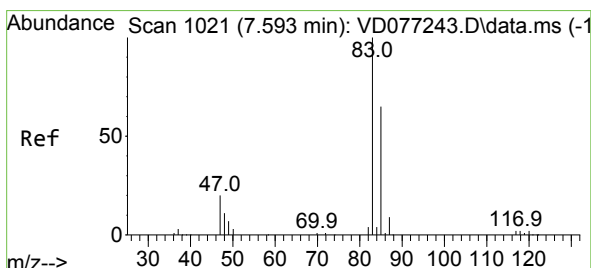
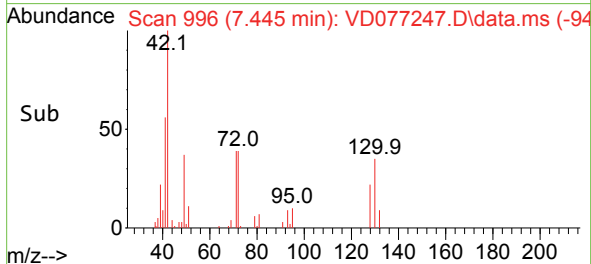
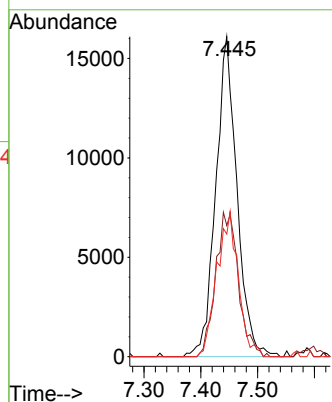
Tgt Ion: 42 Resp: 41813

Ion Ratio Lower Upper

42 100

72 48.5 46.5 69.7

71 45.9 44.5 66.7



#30

Chloroform

Concen: 22.143 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077247.D

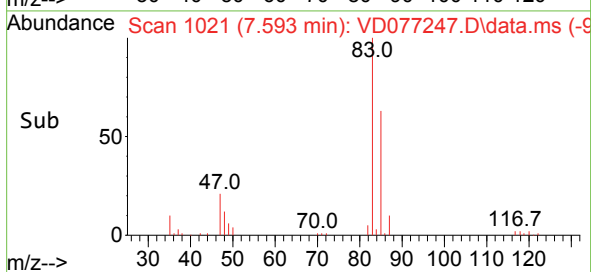
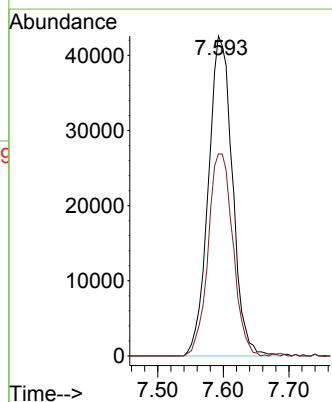
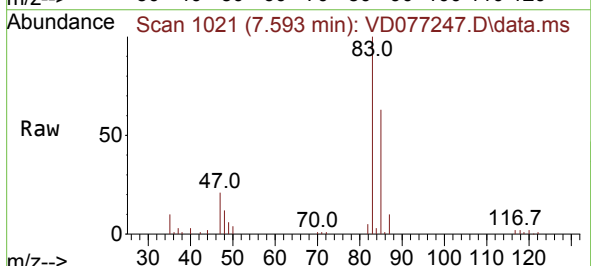
Acq: 29 Sep 2023 15:56

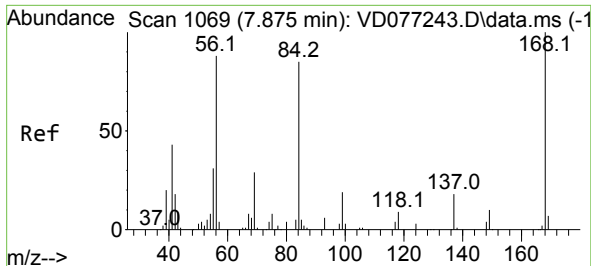
Tgt Ion: 83 Resp: 108351

Ion Ratio Lower Upper

83 100

85 63.2 53.4 80.2





#31

Cyclohexane

Concen: 20.980 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.000 min

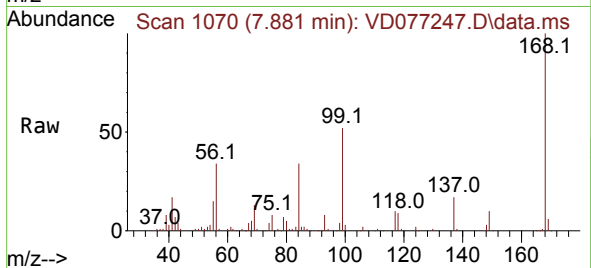
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



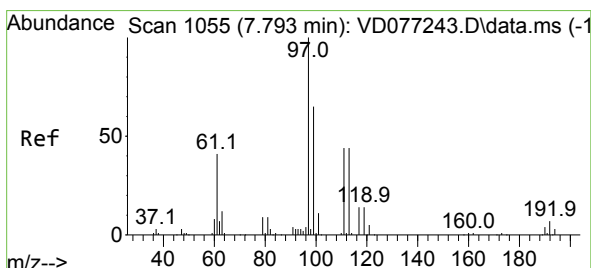
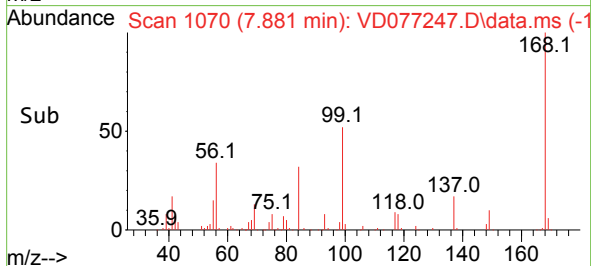
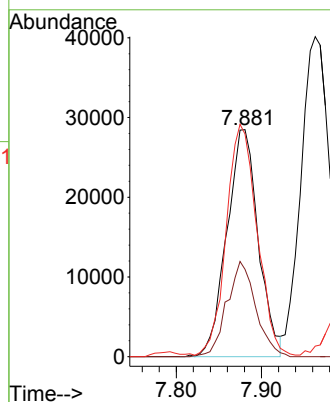
Tgt Ion: 56 Resp: 73024

Ion Ratio Lower Upper

56 100

69 38.5 28.6 43.0

84 97.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.987 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

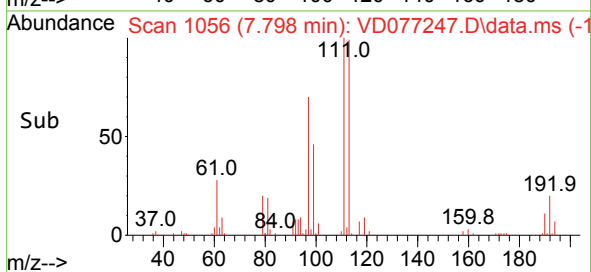
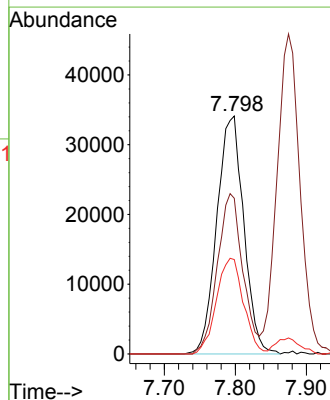
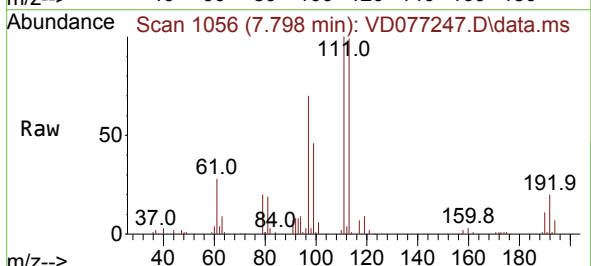
Tgt Ion: 97 Resp: 89804

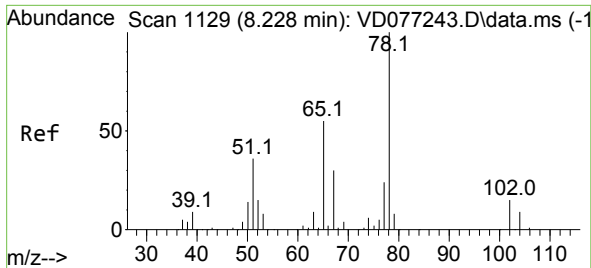
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 40.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.850 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

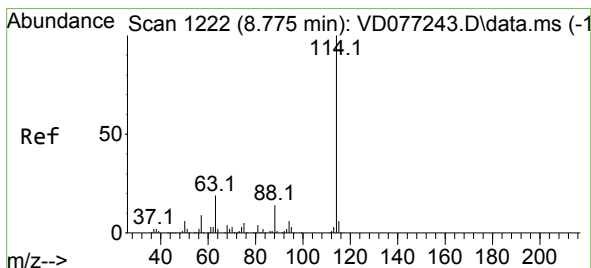
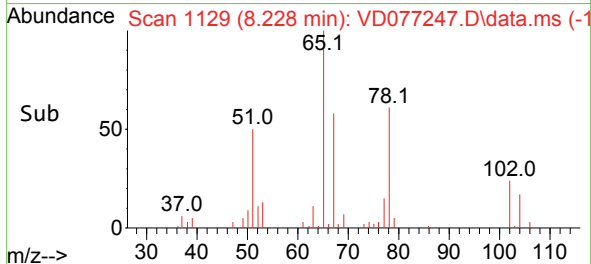
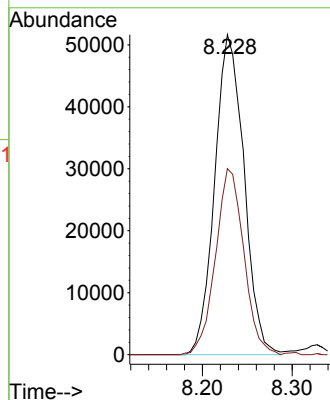
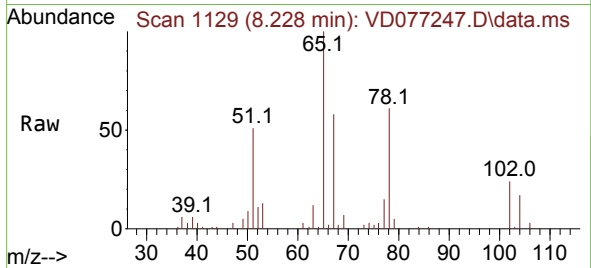
ClientSampleId :

Tgt Ion: 65 Resp: 117084

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

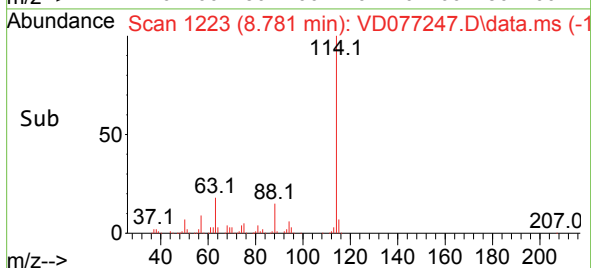
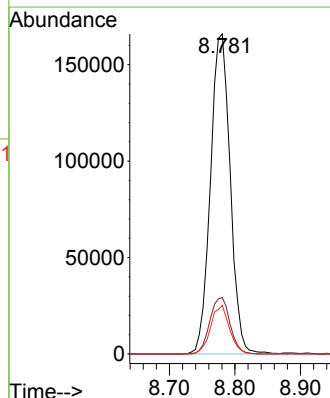
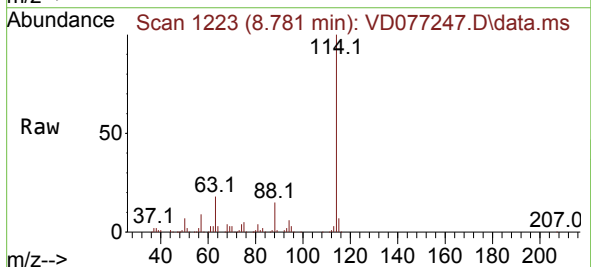
Tgt Ion: 114 Resp: 347042

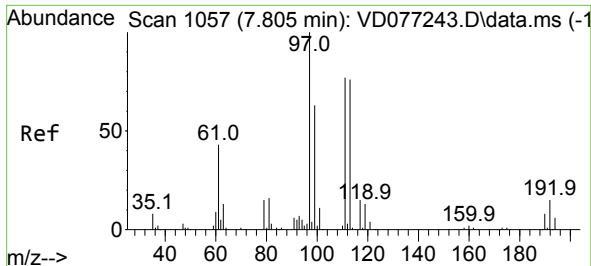
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 15.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.456 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

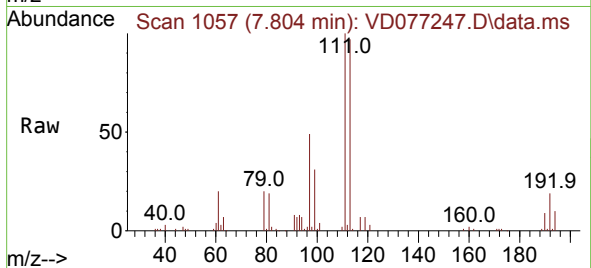
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



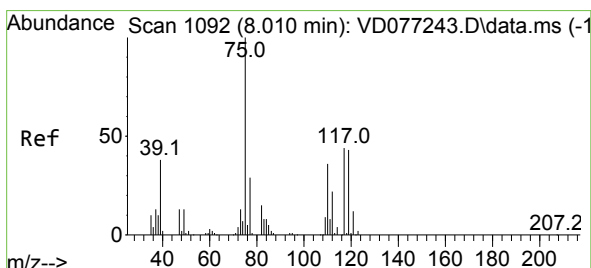
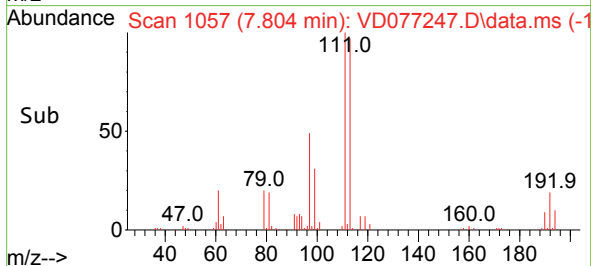
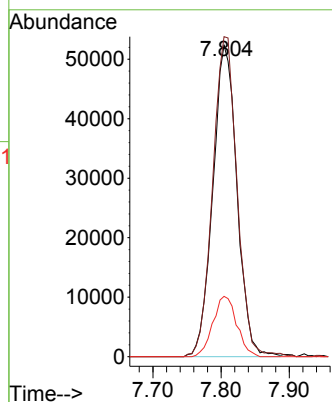
Tgt Ion:113 Resp: 128858

Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 19.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.204 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

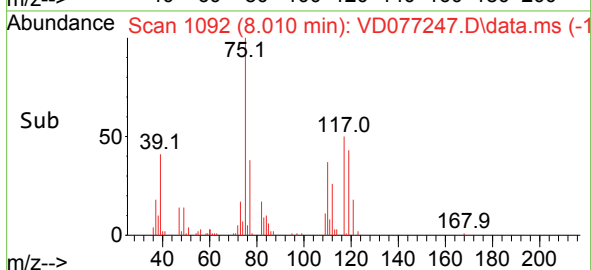
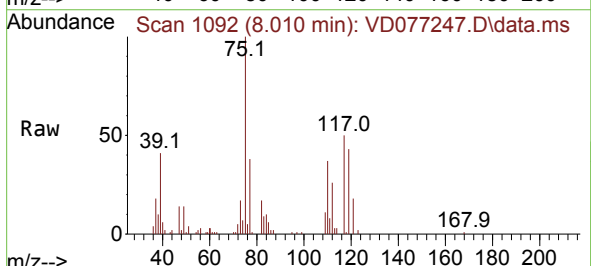
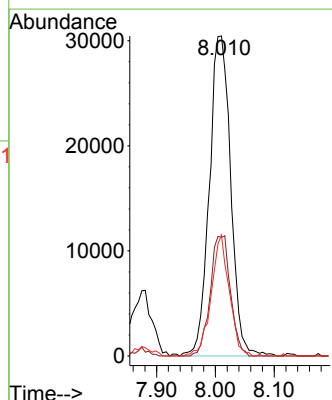
Tgt Ion: 75 Resp: 76978

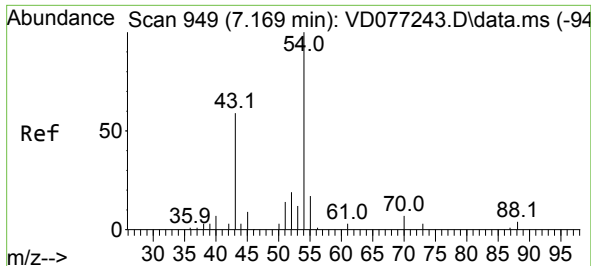
Ion Ratio Lower Upper

75 100

110 35.5 19.9 59.6

77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 23.757 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

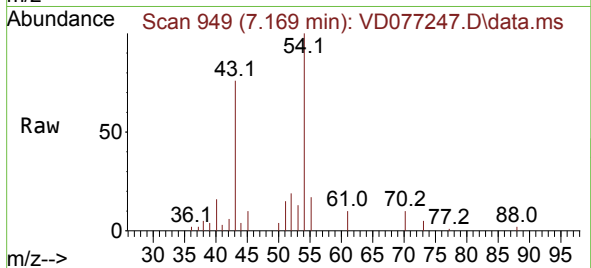
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



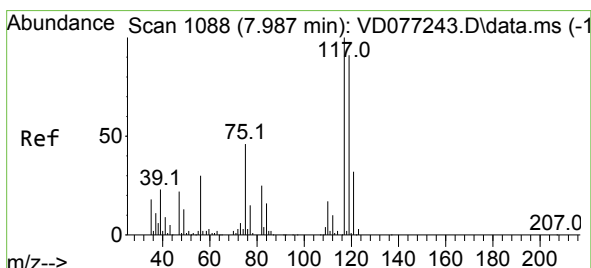
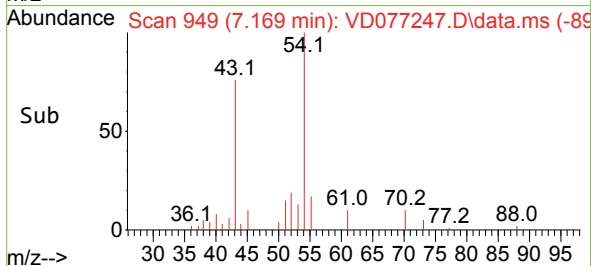
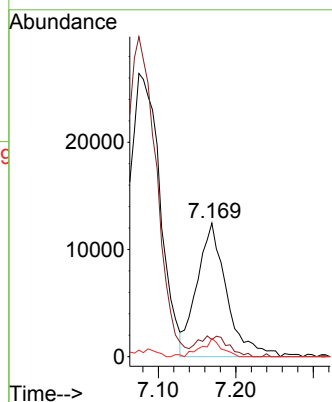
Tgt Ion: 43 Resp: 33089

Ion Ratio Lower Upper

43 100

61 15.9 14.9 22.3

70 9.5 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.083 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

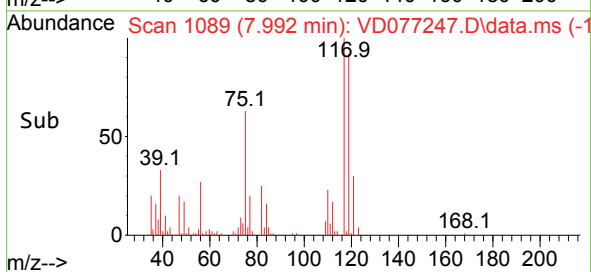
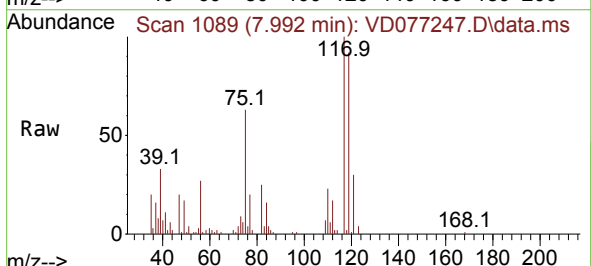
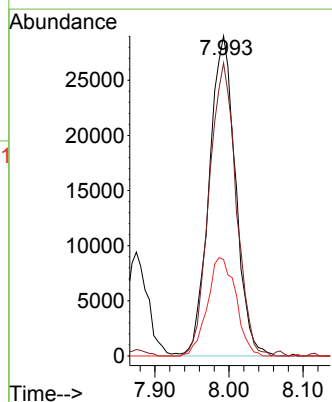
Tgt Ion: 117 Resp: 71658

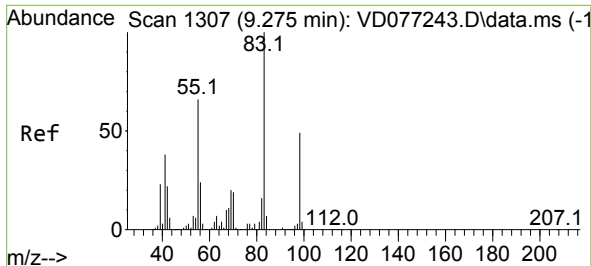
Ion Ratio Lower Upper

117 100

119 91.5 78.0 117.0

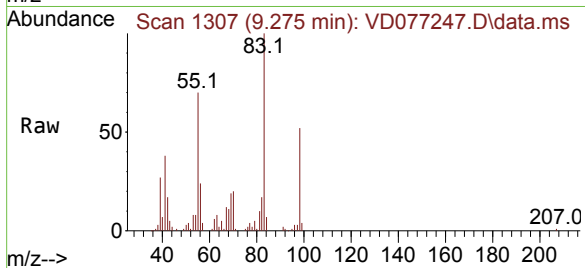
121 30.1 24.2 36.2



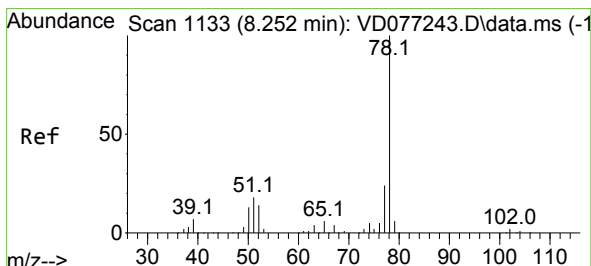
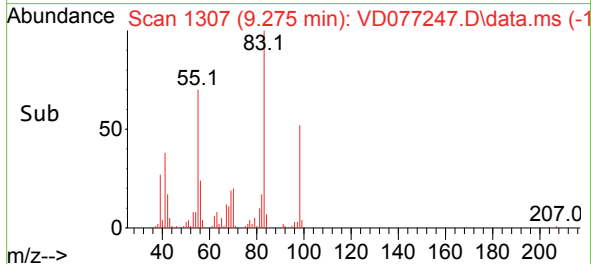
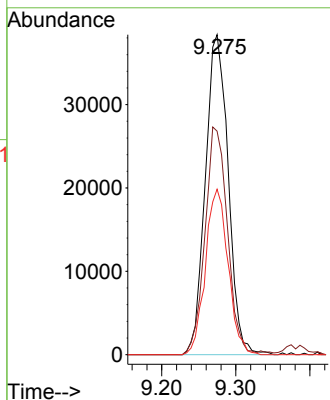


#39
Methylcyclohexane
Concen: 19.671 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Instrument :
MSVOA_D
ClientSampleId :

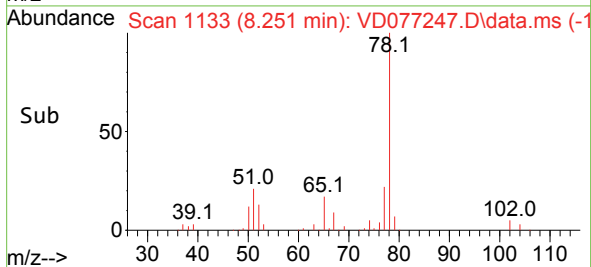
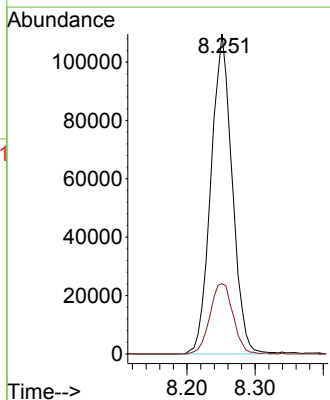
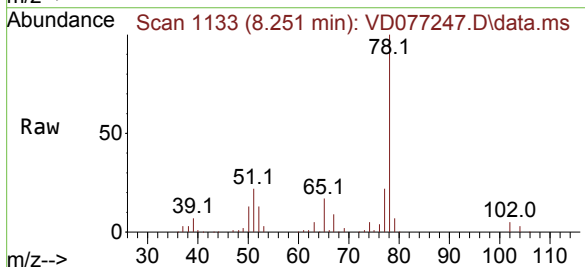


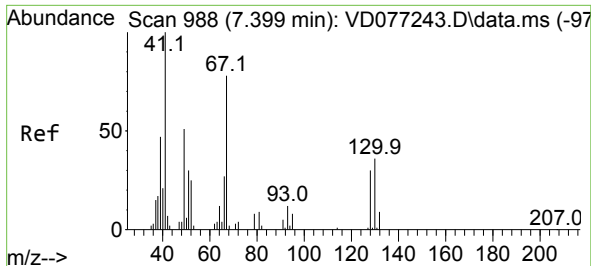
Tgt Ion: 83 Resp: 82166
Ion Ratio Lower Upper
83 100
55 69.9 49.4 74.0
98 51.7 38.4 57.6



#40
Benzene
Concen: 21.186 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

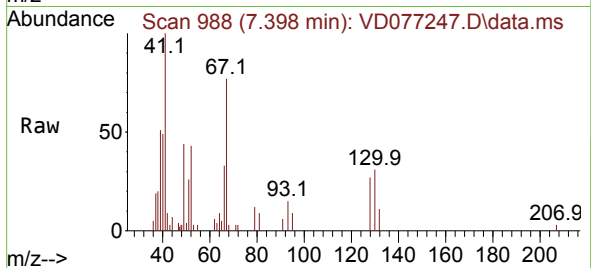
Tgt Ion: 78 Resp: 237950
Ion Ratio Lower Upper
78 100
77 22.0 19.4 29.0



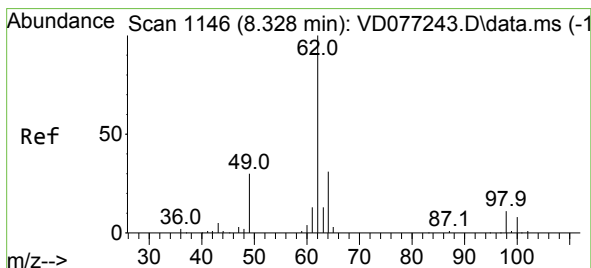
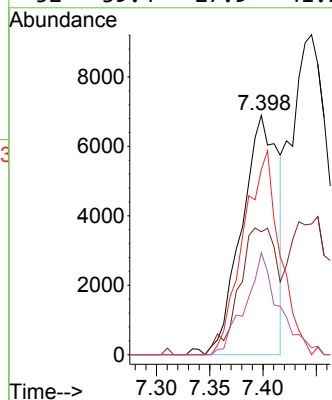
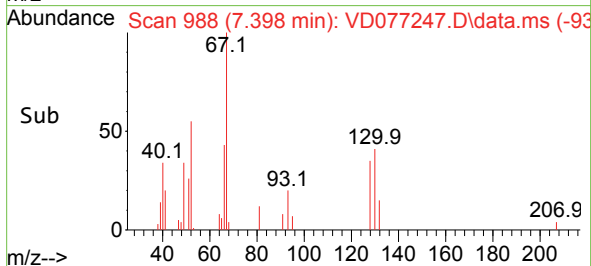


#41
Methacrylonitrile
Concen: 22.218 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

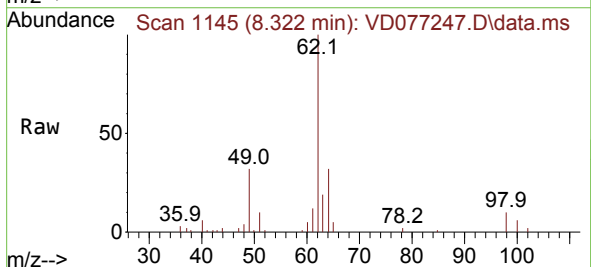
Instrument :
MSVOA_D
ClientSampleId :



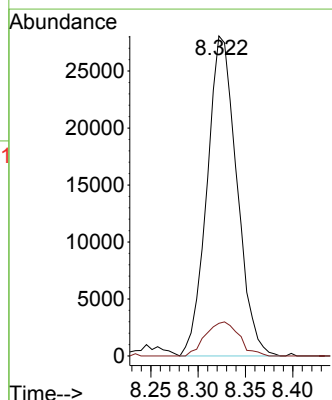
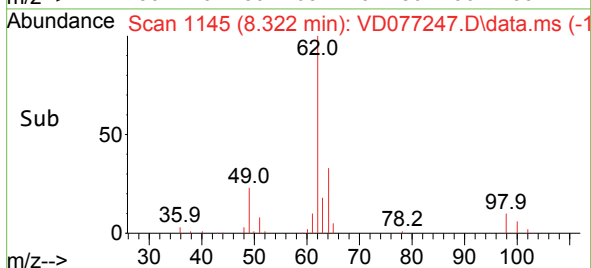
Tgt Ion: 41 Resp: 16517
Ion Ratio Lower Upper
41 100
39 54.4 34.0 51.0#
67 85.4 77.0 115.4
52 39.4 27.9 41.9

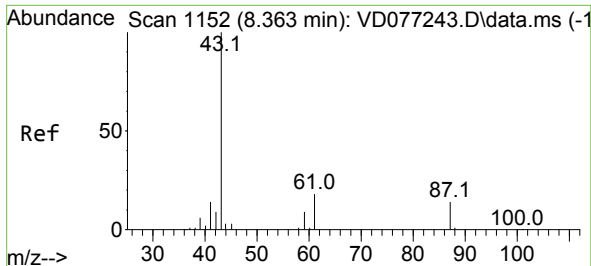


#42
1,2-Dichloroethane
Concen: 22.048 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56



Tgt Ion: 62 Resp: 61397
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4

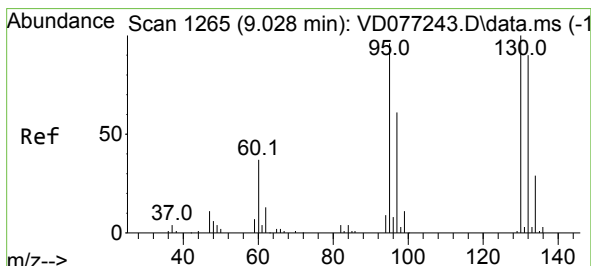
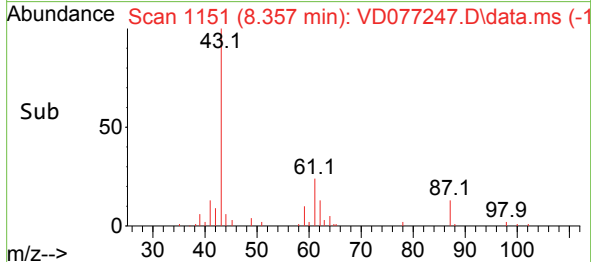
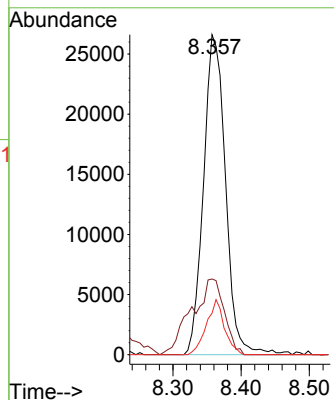
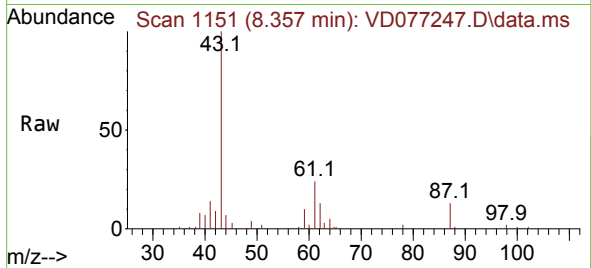




#43
Isopropyl Acetate
Concen: 23.285 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

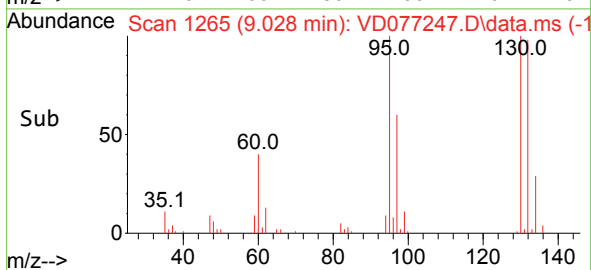
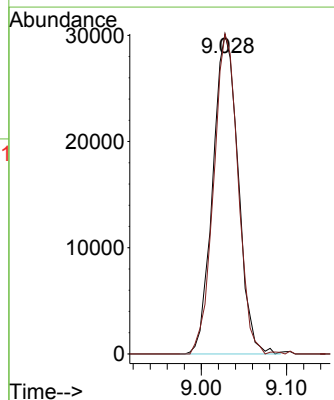
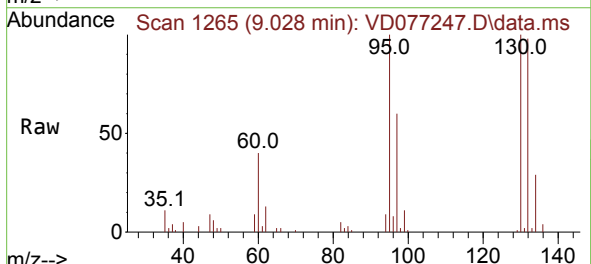
Instrument :
MSVOA_D
ClientSampleId :

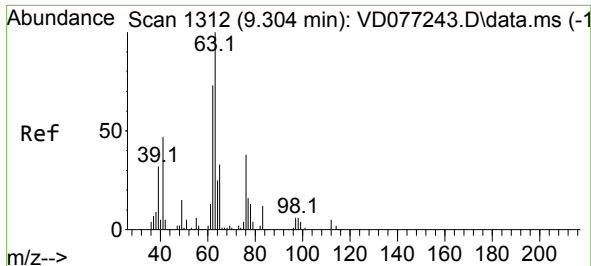
Tgt Ion: 43 Resp: 59712
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 19.968 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:130 Resp: 62073
Ion Ratio Lower Upper
130 100
95 100.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.414 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

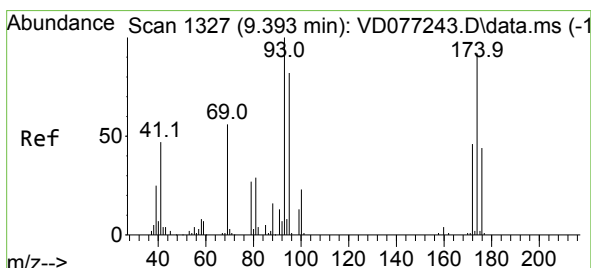
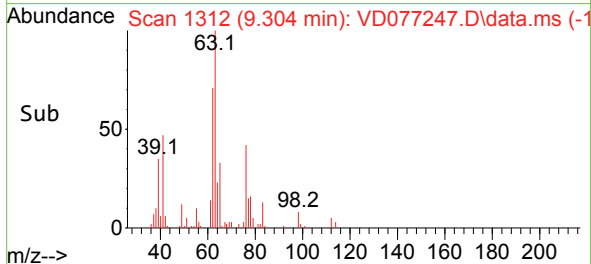
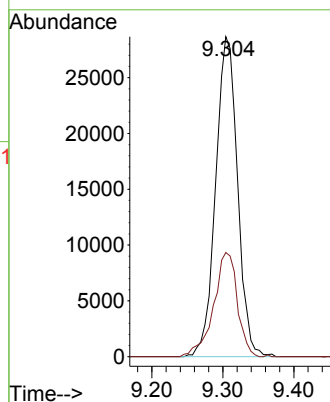
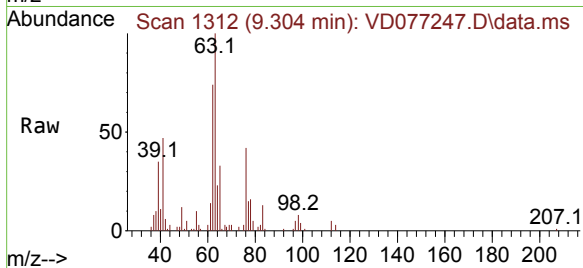
ClientSampleId :

Tgt Ion: 63 Resp: 61148

Ion Ratio Lower Upper

63 100

65 32.6 24.5 36.7



#46

Dibromomethane

Concen: 21.212 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

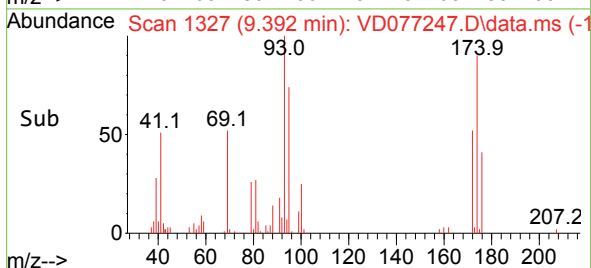
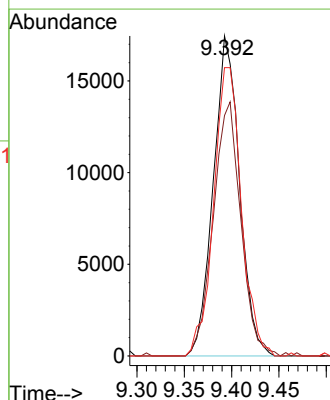
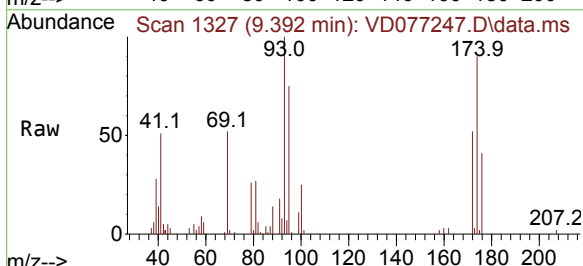
Tgt Ion: 93 Resp: 33627

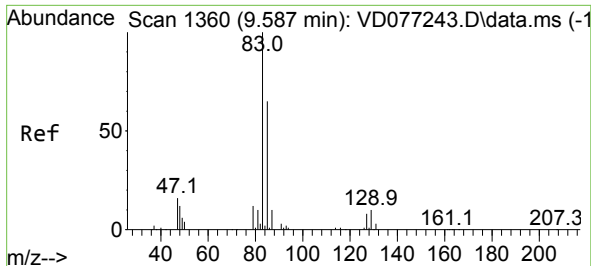
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 95.2 85.4 128.2

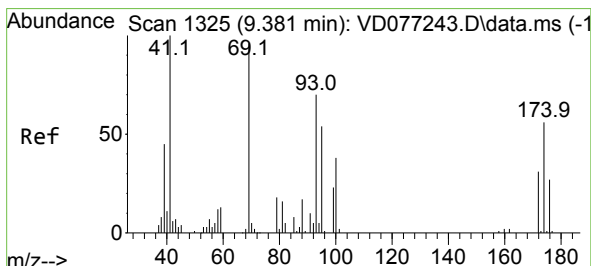
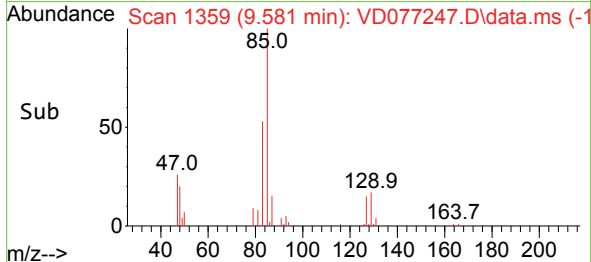
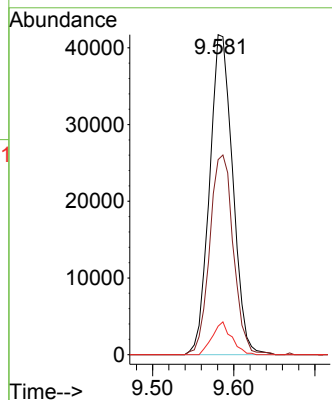
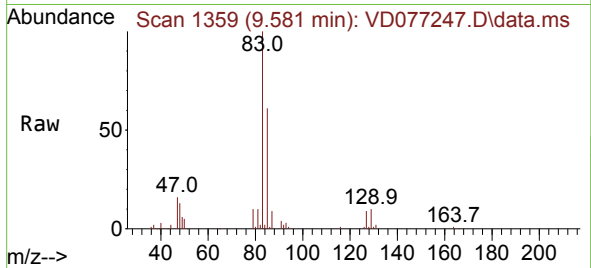




#47
Bromodichloromethane
Concen: 21.572 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

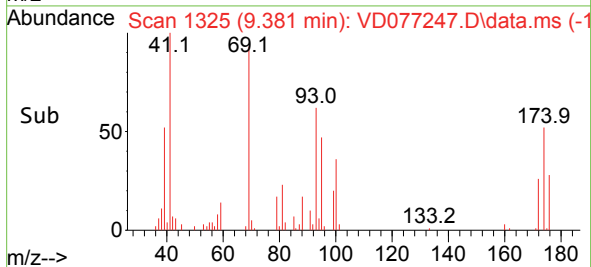
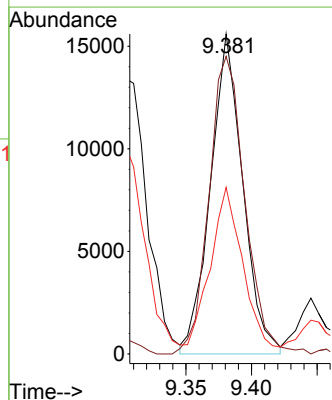
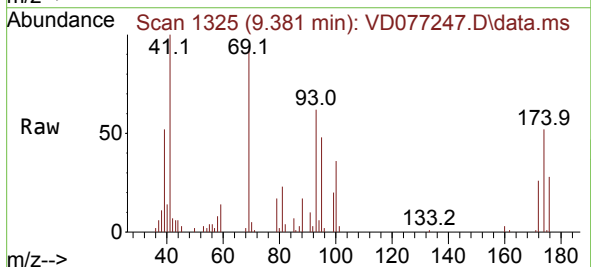
Instrument :
MSVOA_D
ClientSampleId :

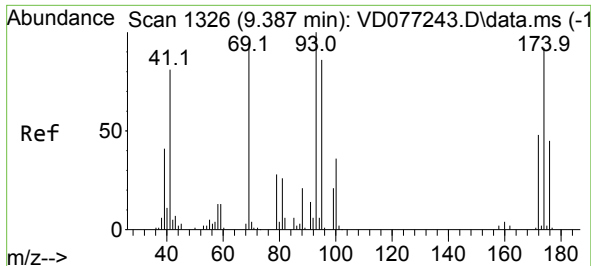
Tgt Ion: 83 Resp: 82640
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 22.901 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 41 Resp: 26686
Ion Ratio Lower Upper
41 100
69 103.2 102.2 153.2
39 49.4 41.4 62.2





#49

1,4-Dioxane

Concen: 420.983 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

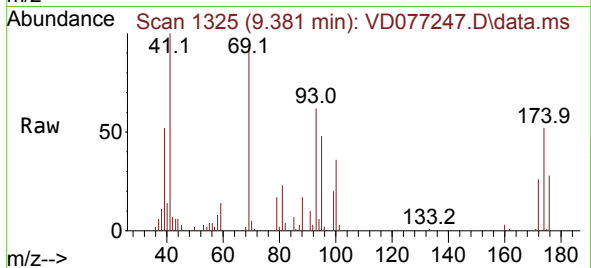
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



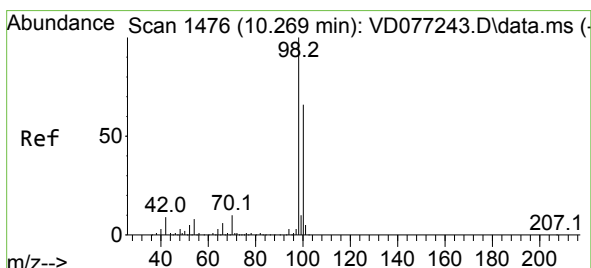
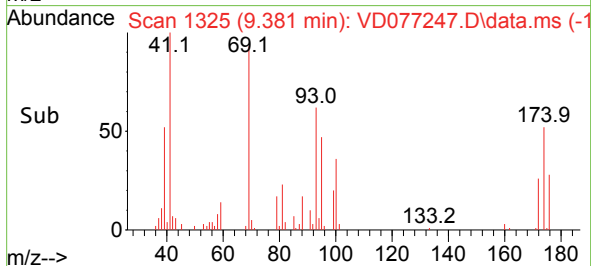
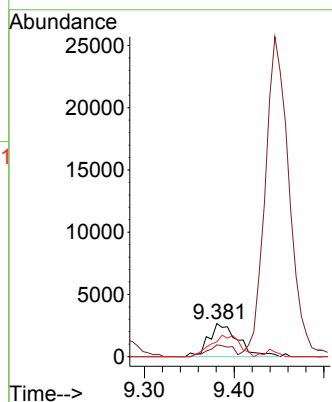
Tgt Ion: 88 Resp: 6024

Ion Ratio Lower Upper

88 100

43 29.6 19.0 28.6#

58 62.9 43.5 65.3



#50

Toluene-d8

Concen: 57.838 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077247.D

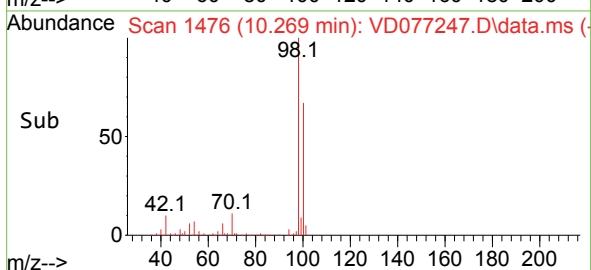
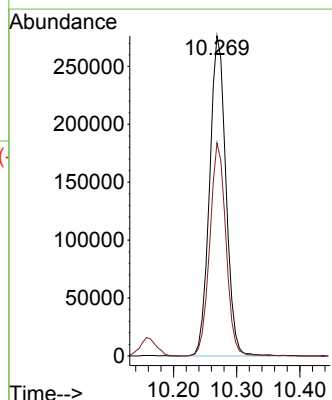
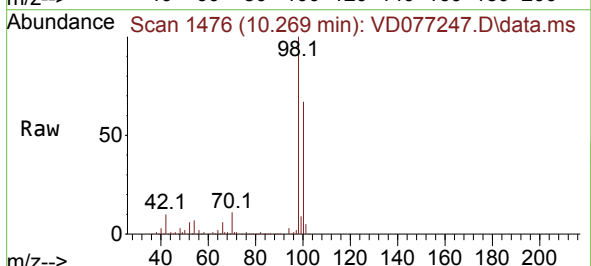
Acq: 29 Sep 2023 15:56

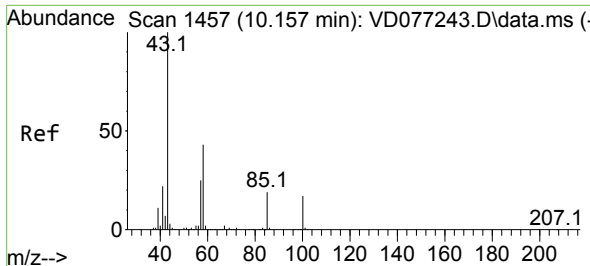
Tgt Ion: 98 Resp: 496255

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5

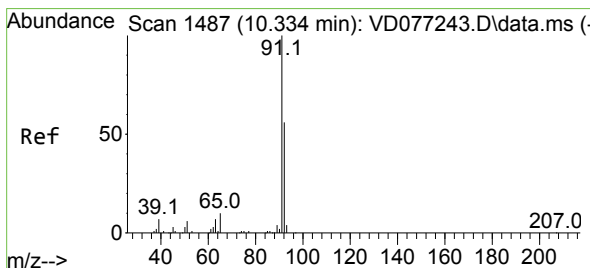
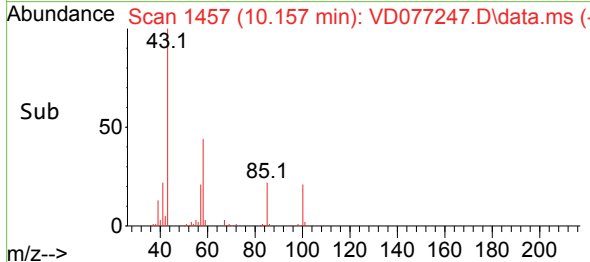
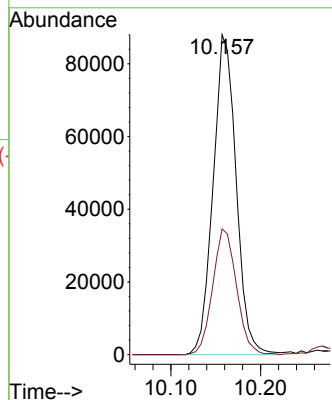
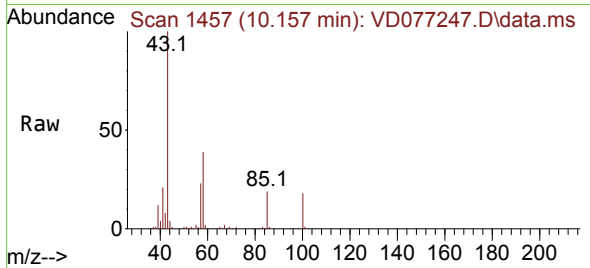




#51
4-Methyl-2-Pentanone
Concen: 116.943 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

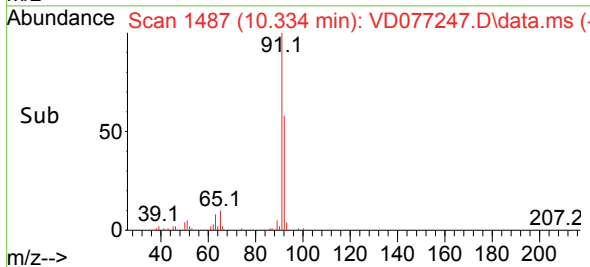
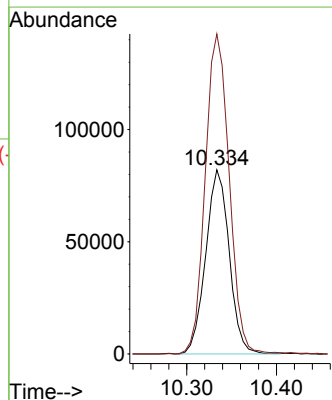
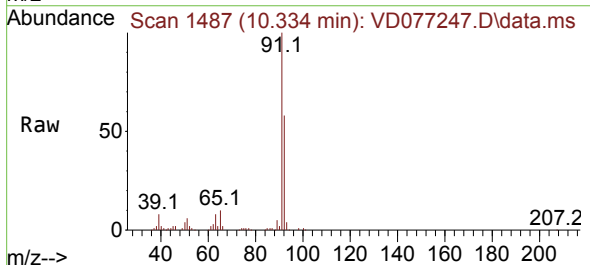
Instrument :
MSVOA_D
ClientSampleId :

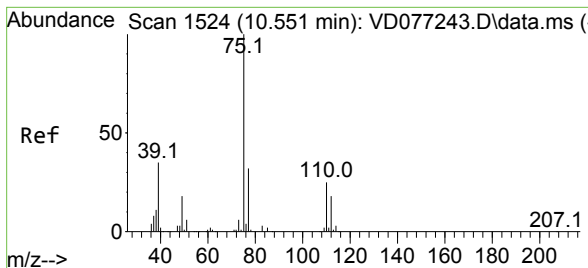
Tgt Ion: 43 Resp: 156839
Ion Ratio Lower Upper
43 100
58 40.7 38.9 58.3



#52
Toluene
Concen: 20.790 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 92 Resp: 149384
Ion Ratio Lower Upper
92 100
91 177.3 143.0 214.4

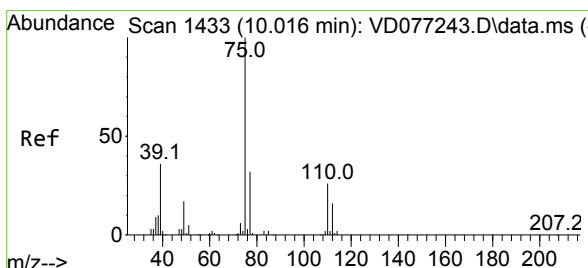
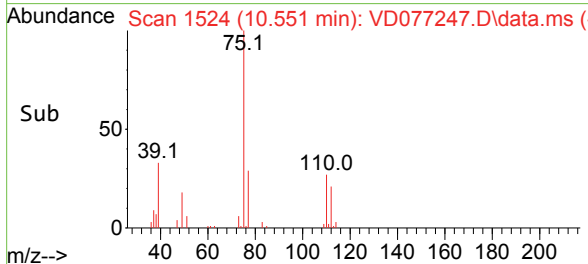
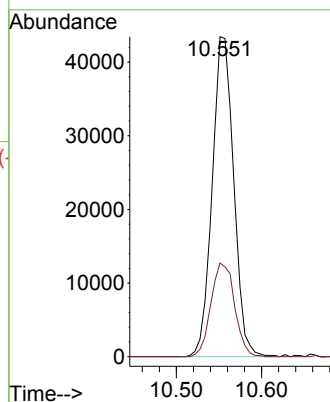
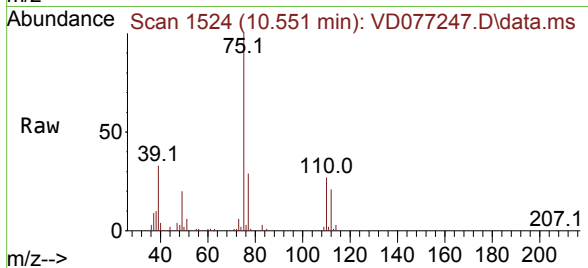




#53
 t-1,3-Dichloropropene
 Concen: 21.295 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

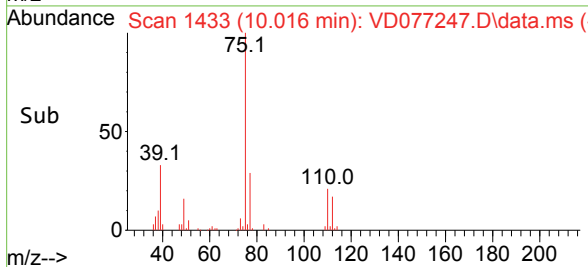
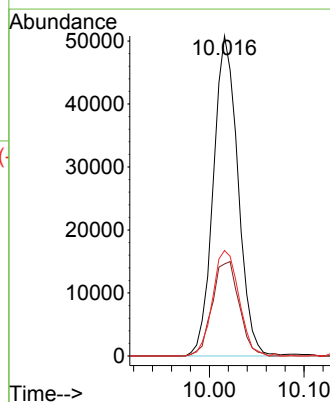
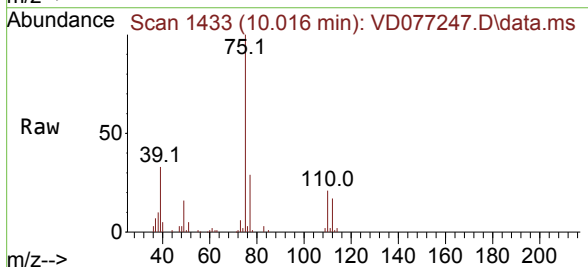
Instrument :
 MSVOA_D
 ClientSampleId :

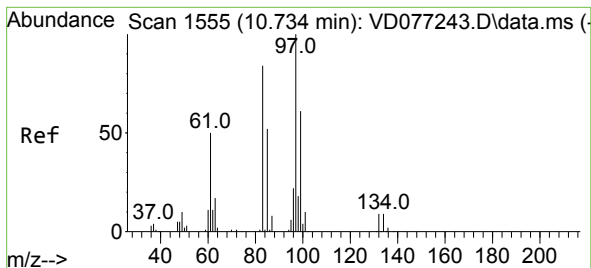
Tgt Ion: 75 Resp: 76214
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.385 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Tgt Ion: 75 Resp: 91697
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.5 38.3
 39 33.0 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 21.463 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

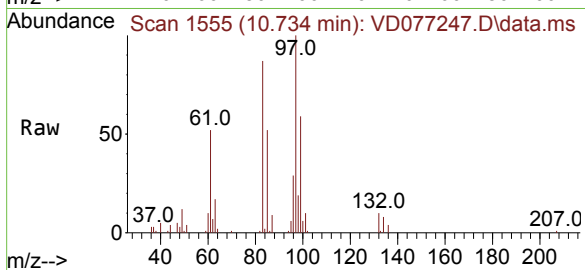
Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 46277

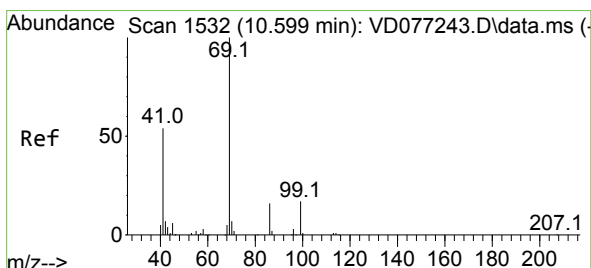
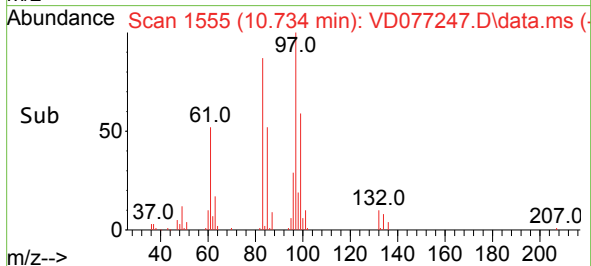
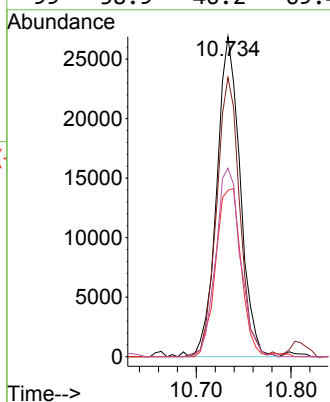
Ion Ratio Lower Upper

97 100

83 87.2 65.8 98.6

85 52.0 45.7 68.5

99 58.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.513 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

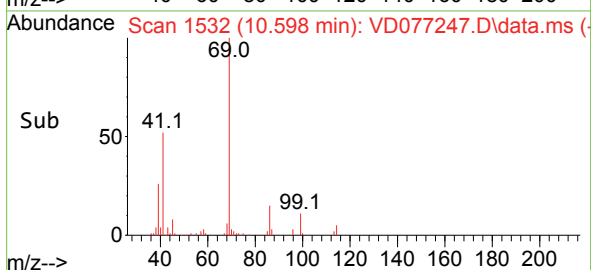
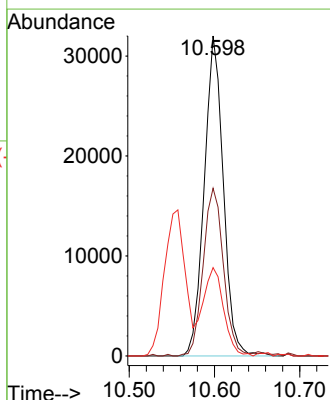
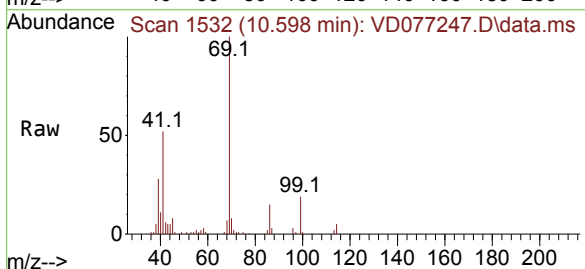
Tgt Ion: 69 Resp: 49834

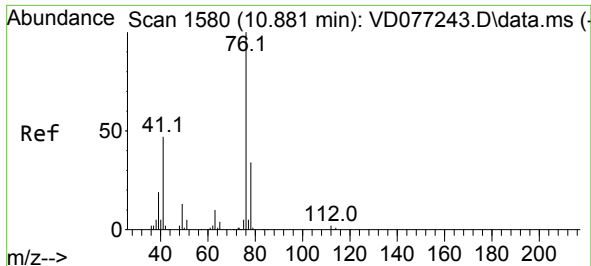
Ion Ratio Lower Upper

69 100

41 55.6 39.1 58.7

39 30.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.903 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

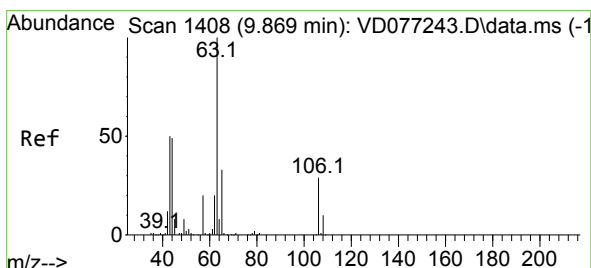
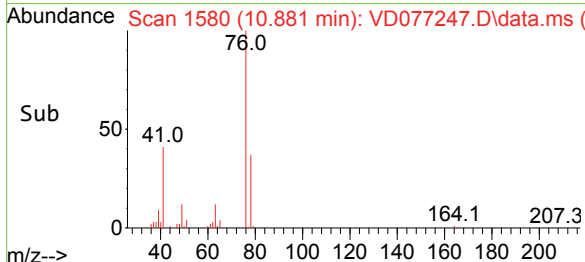
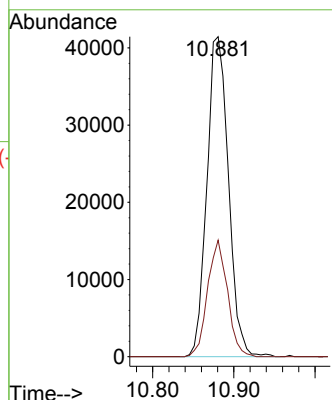
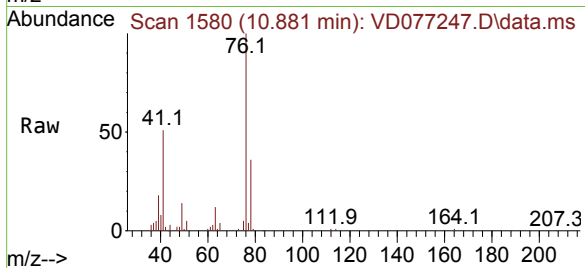
ClientSampleId :

Tgt Ion: 76 Resp: 76451

Ion Ratio Lower Upper

76 100

78 33.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 77.838 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077247.D

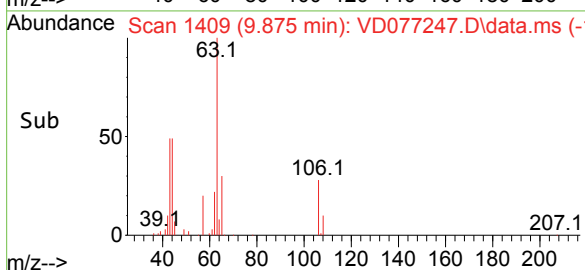
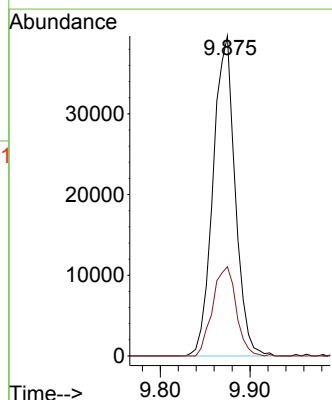
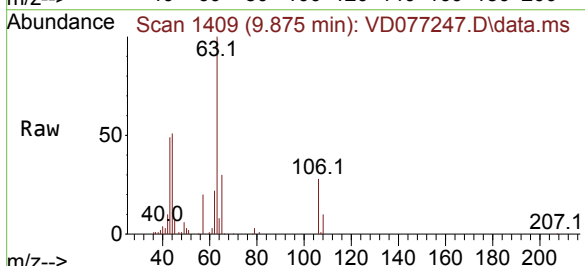
Acq: 29 Sep 2023 15:56

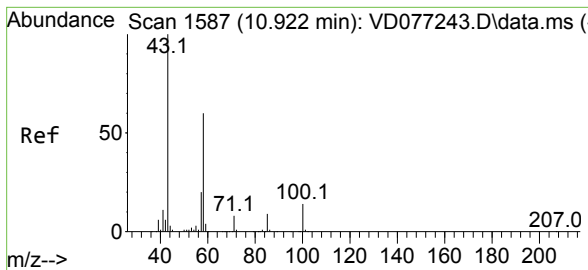
Tgt Ion: 63 Resp: 67687

Ion Ratio Lower Upper

63 100

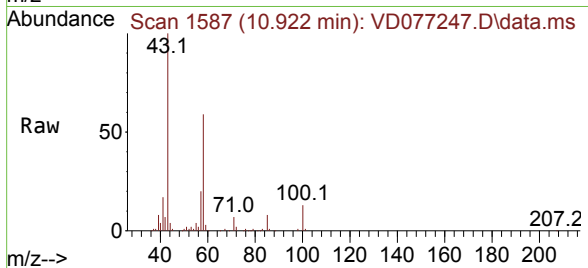
106 29.8 25.3 37.9



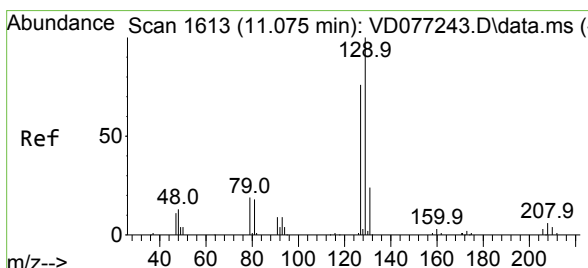
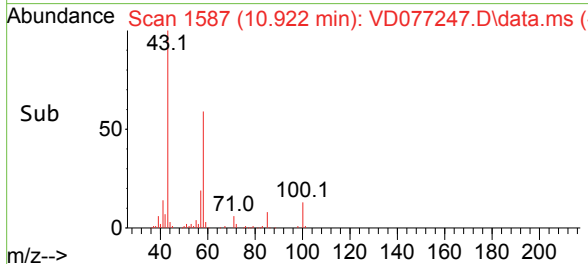
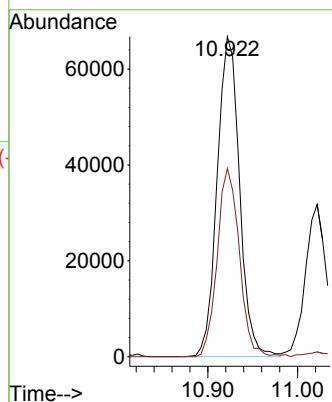


#59
2-Hexanone
Concen: 120.203 ug/l
RT: 10.922 min Scan# 115669
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Instrument :
MSVOA_D
ClientSampleId :

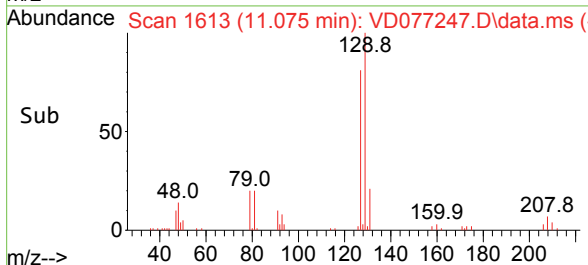
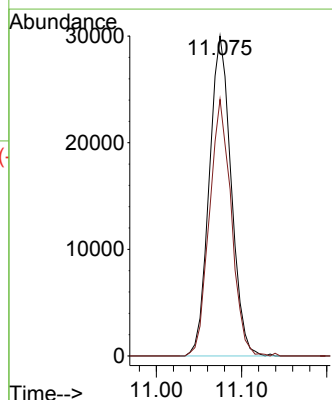
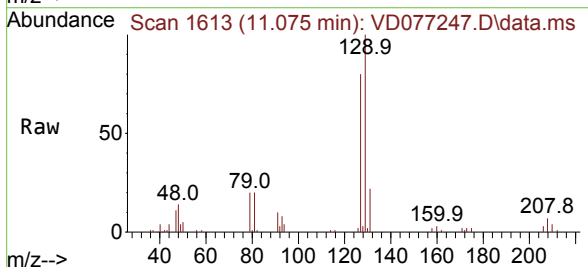


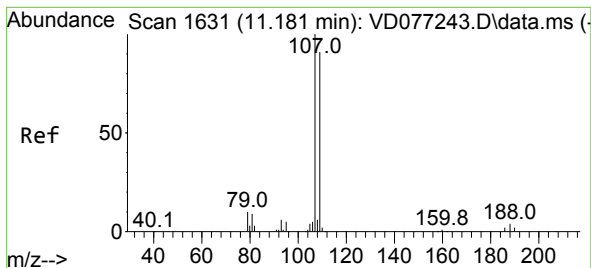
Tgt Ion: 43 Resp: 115669
Ion Ratio Lower Upper
43 100
58 58.1 34.1 102.2



#60
Dibromochloromethane
Concen: 20.294 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:129 Resp: 53595
Ion Ratio Lower Upper
129 100
127 79.7 37.1 111.5

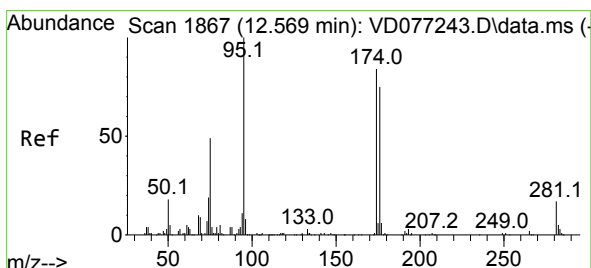
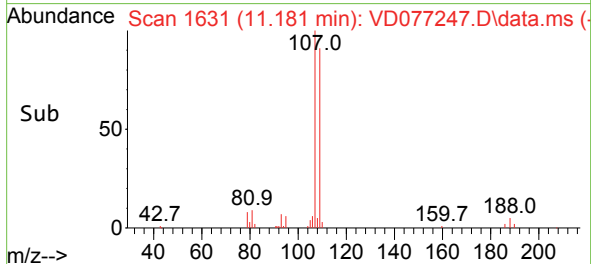
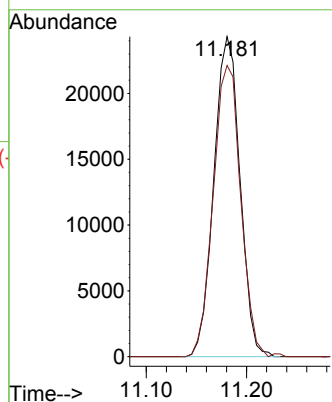
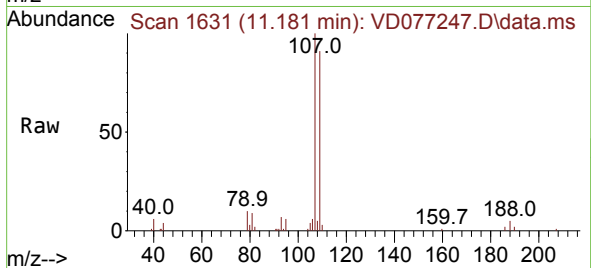




#61
1,2-Dibromoethane
Concen: 21.119 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

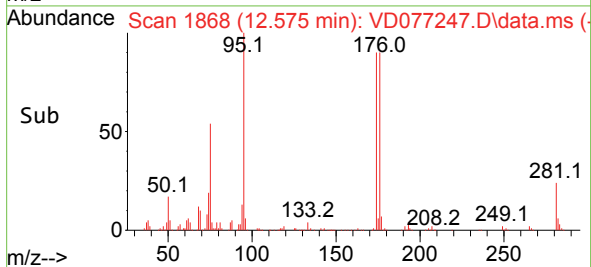
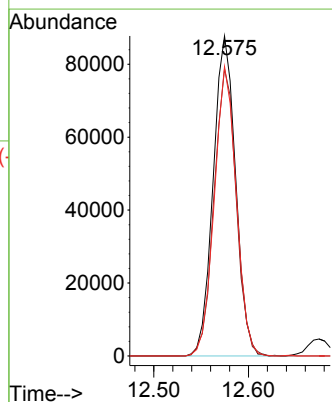
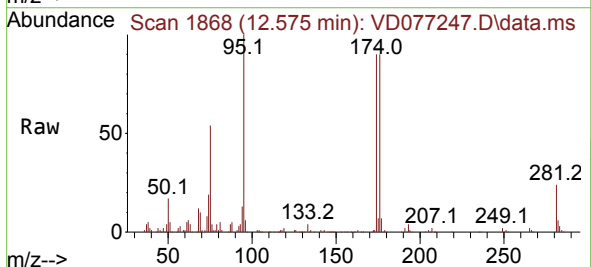
Instrument :
MSVOA_D
ClientSampleId :

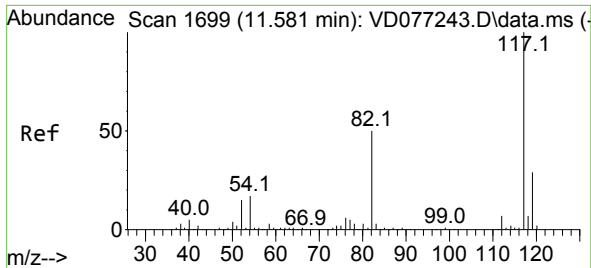
Tgt Ion:107 Resp: 44022
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.329 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 95 Resp: 144479
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 88.5 0.0 191.8

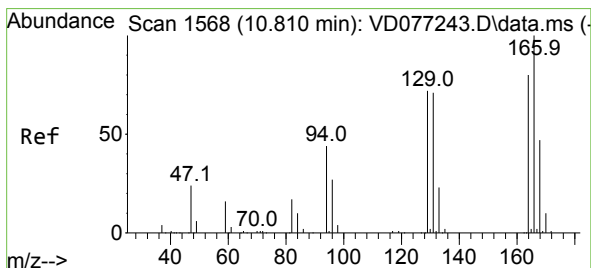
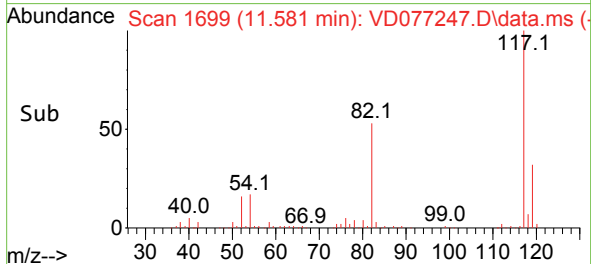
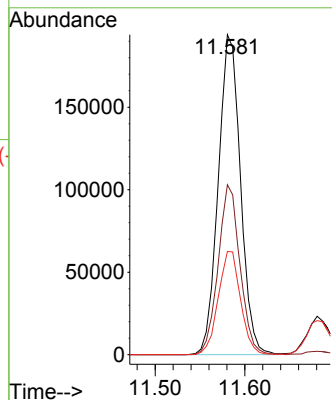
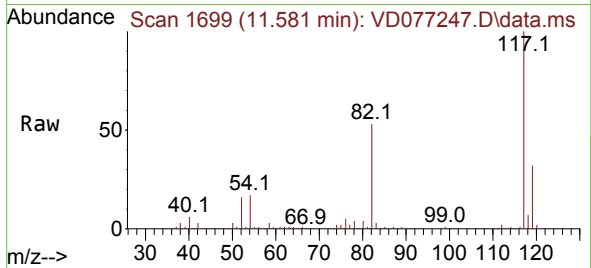




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

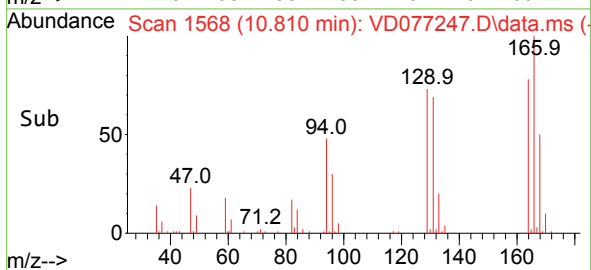
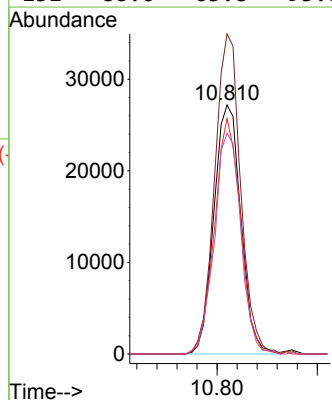
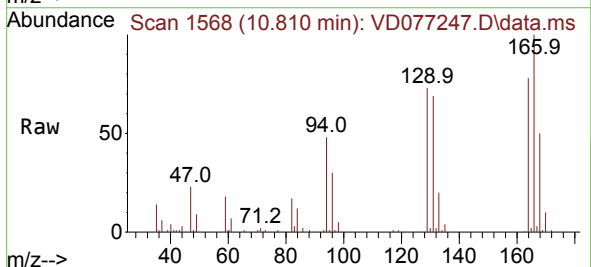
Instrument :
MSVOA_D
ClientSampleId :

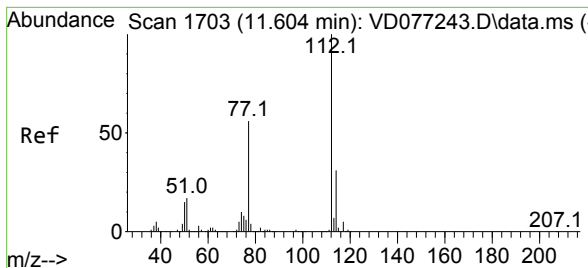
Tgt Ion:117 Resp: 333688
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 19.556 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:164 Resp: 50773
Ion Ratio Lower Upper
164 100
166 128.5 99.2 148.8
129 94.4 68.4 102.6
131 88.6 63.8 95.8

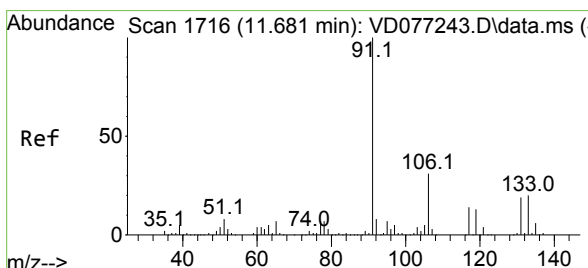
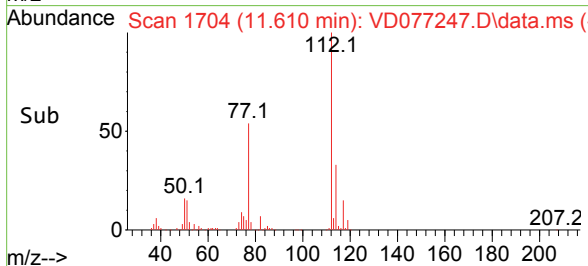
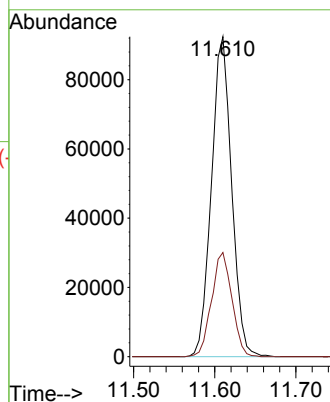
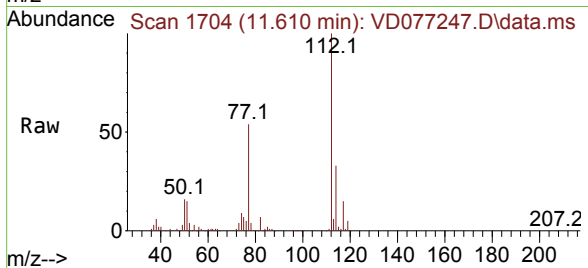




#65
Chlorobenzene
Concen: 20.357 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

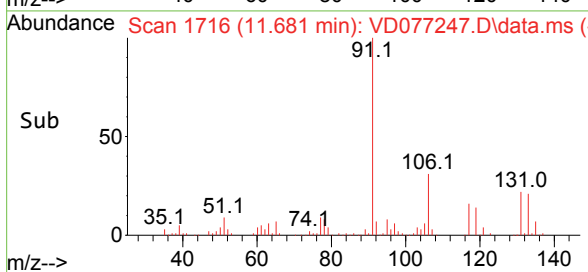
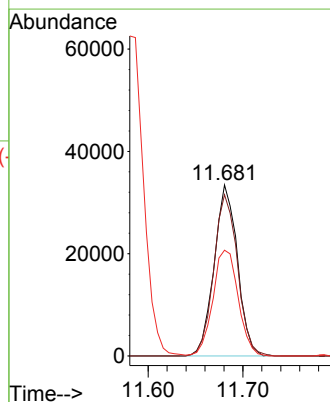
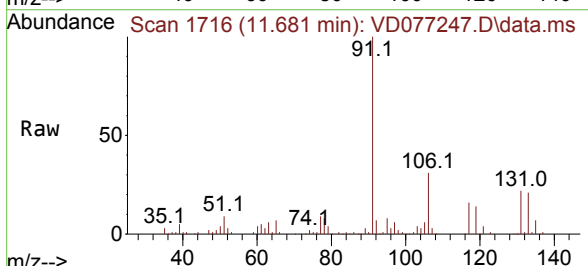
Instrument :
MSVOA_D
ClientSampleId :

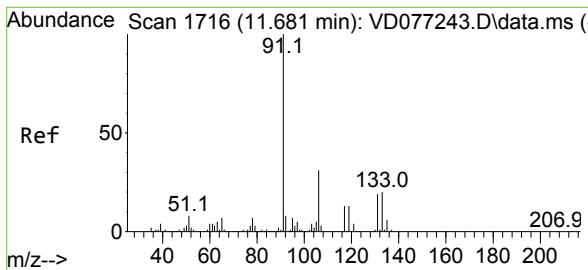
Tgt Ion:112 Resp: 159798
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.889 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:131 Resp: 57118
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.5
119 67.4 35.6 106.9

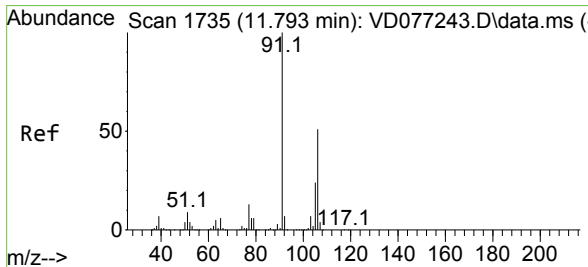
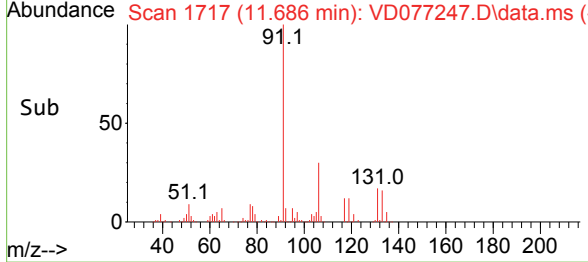
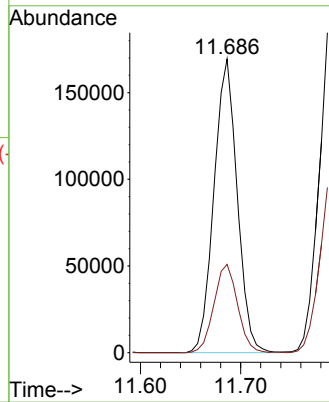
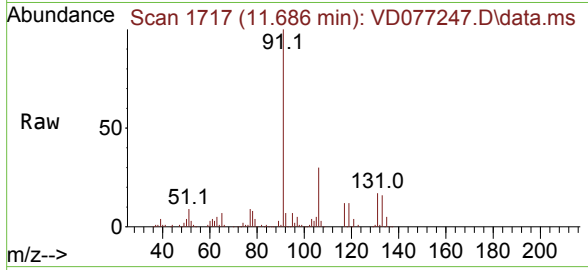




#67
Ethyl Benzene
Concen: 20.144 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

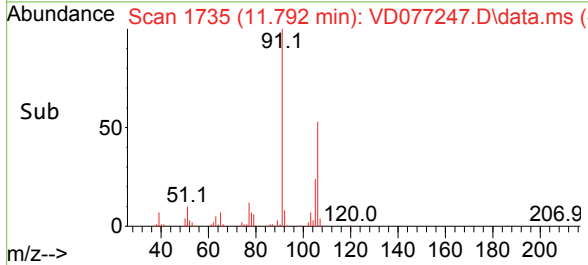
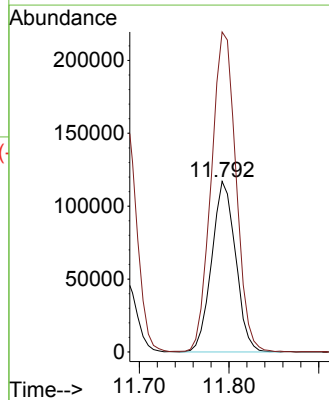
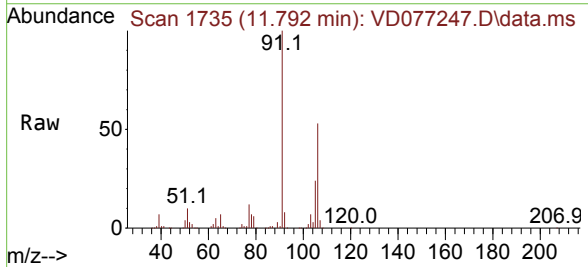
Instrument :
MSVOA_D
ClientSampleId :

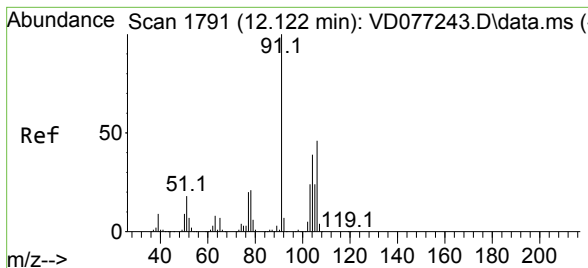
Tgt Ion: 91 Resp: 271803
Ion Ratio Lower Upper
91 100
106 30.1 26.5 39.7



#68
m/p-Xylenes
Concen: 40.033 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:106 Resp: 216272
Ion Ratio Lower Upper
106 100
91 194.7 147.0 220.6





#69

o-Xylene

Concen: 19.698 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

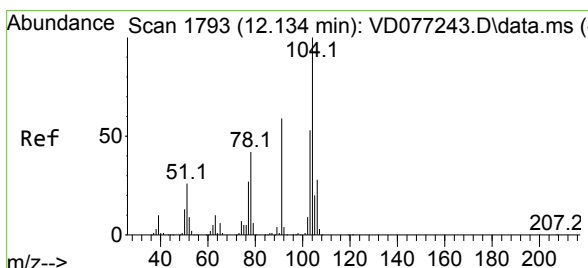
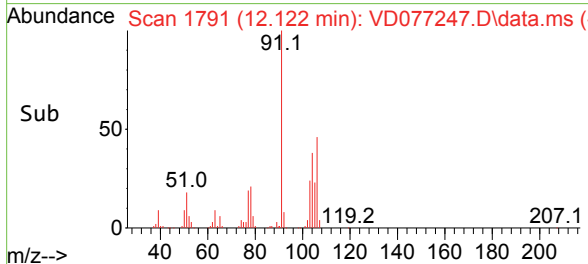
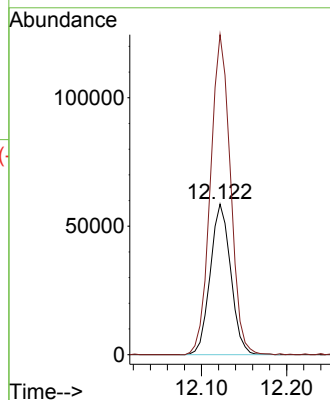
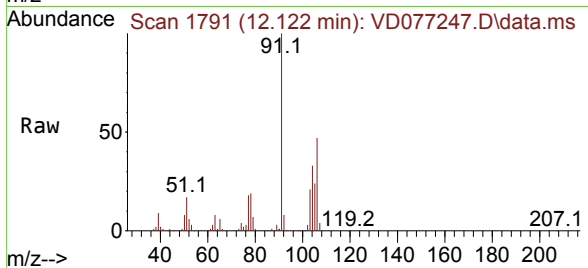
ClientSampleId :

Tgt Ion:106 Resp: 97673

Ion Ratio Lower Upper

106 100

91 208.4 97.9 293.6



#70

Styrene

Concen: 20.510 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

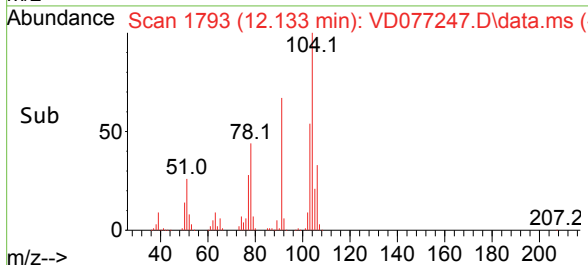
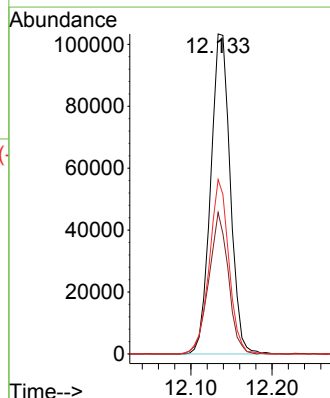
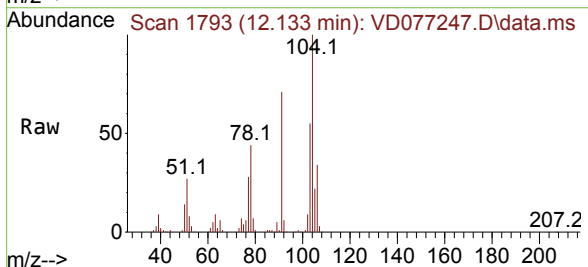
Tgt Ion:104 Resp: 173267

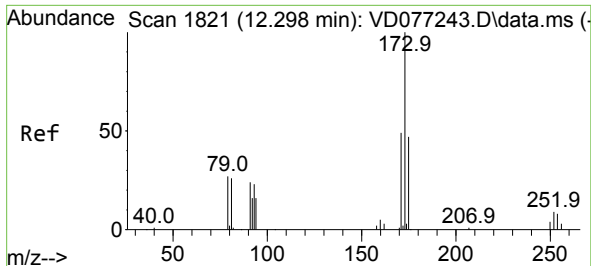
Ion Ratio Lower Upper

104 100

78 44.1 33.2 49.8

103 54.5 43.6 65.4

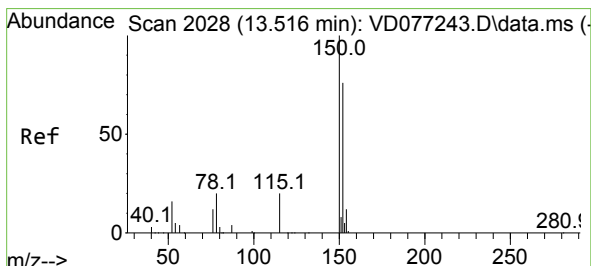
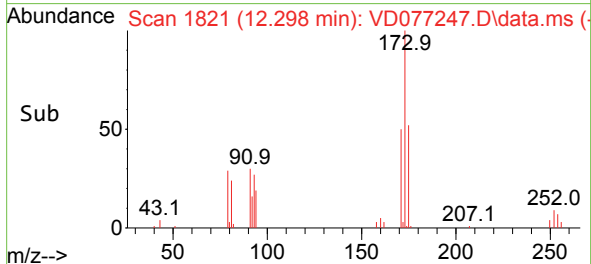
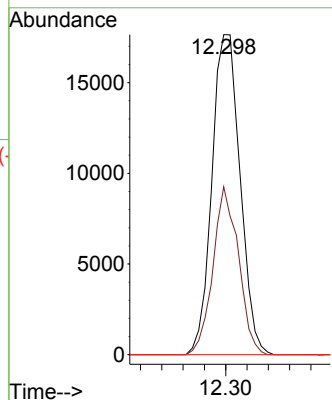
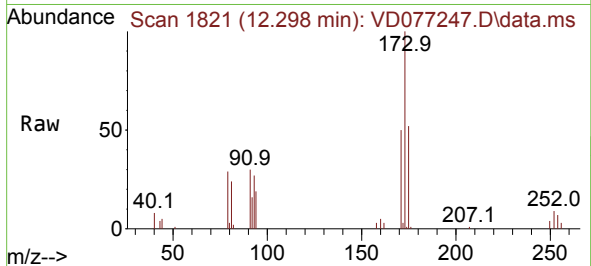




#71
Bromoform
Concen: 20.333 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

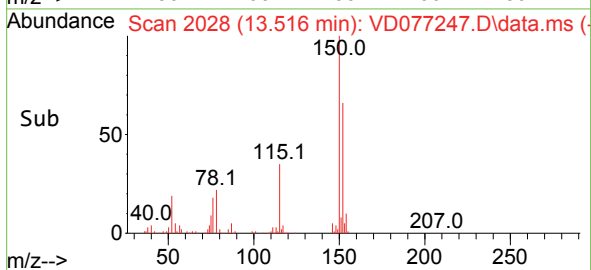
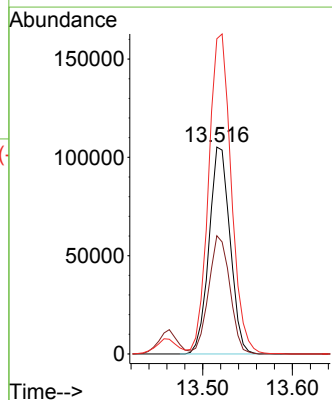
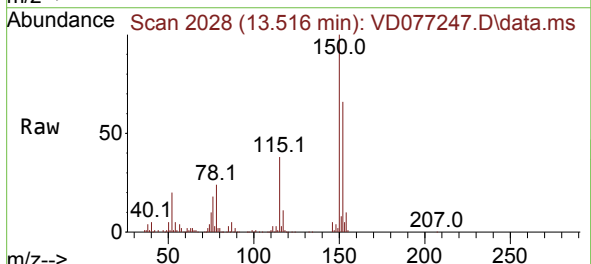
Instrument :
MSVOA_D
ClientSampleId :

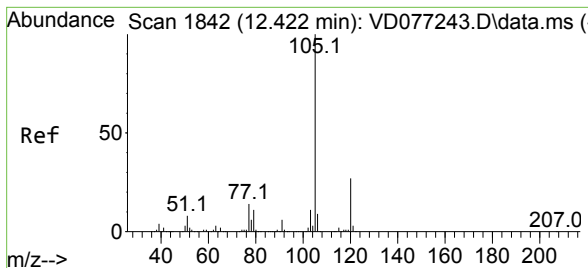
Tgt Ion:173 Resp: 32368
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:152 Resp: 171097
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 166.8 0.0 353.6





#73

Isopropylbenzene

Concen: 19.666 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

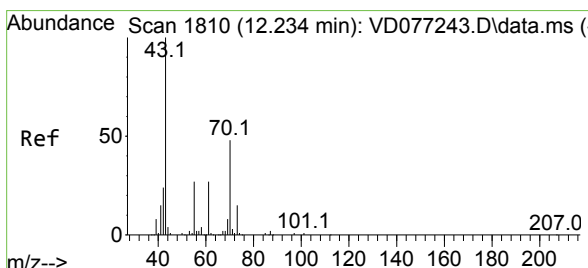
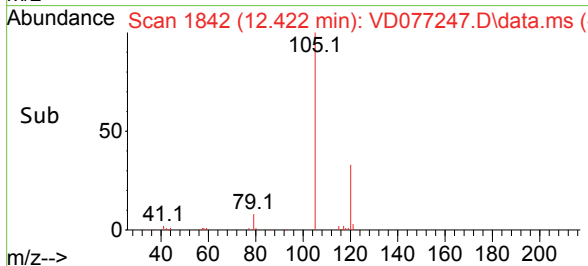
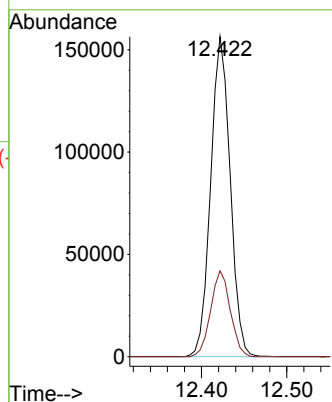
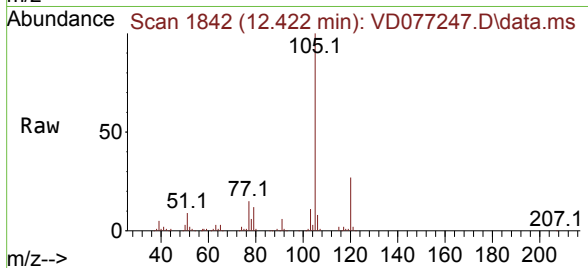
ClientSampleId :

Tgt Ion:105 Resp: 248627

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 22.504 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Tgt Ion: 43 Resp: 53443

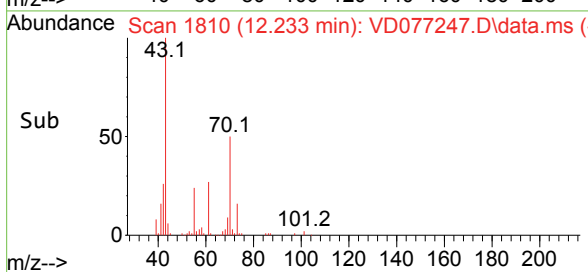
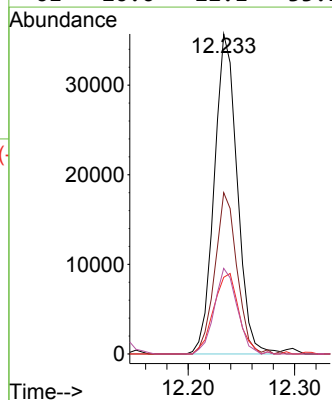
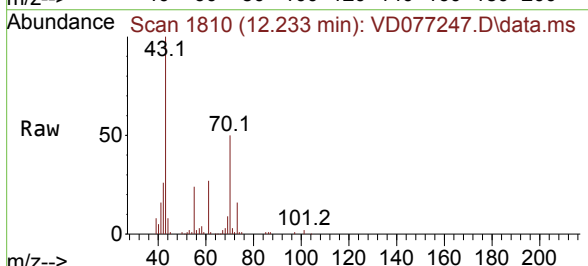
Ion Ratio Lower Upper

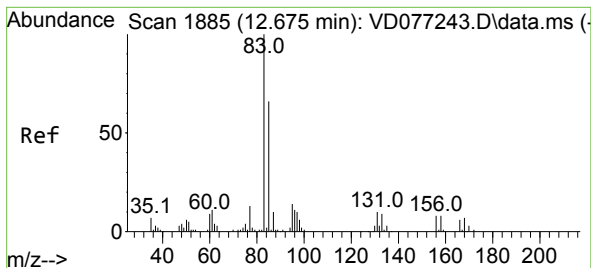
43 100

70 48.6 45.0 67.4

55 27.6 23.8 35.6

61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.961 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077247.D

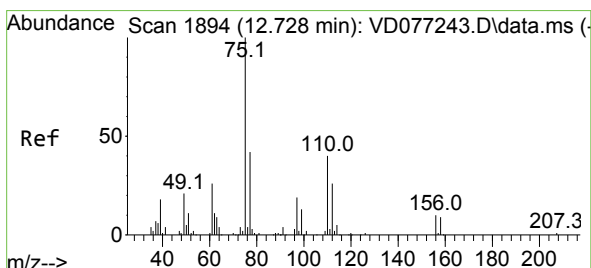
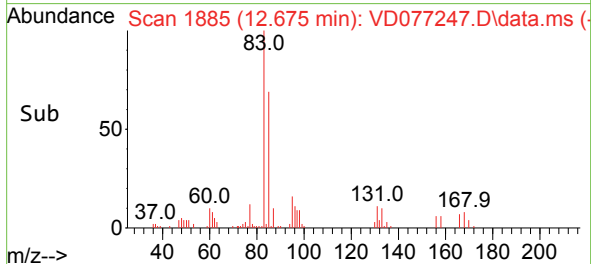
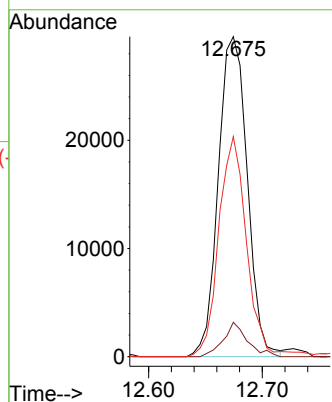
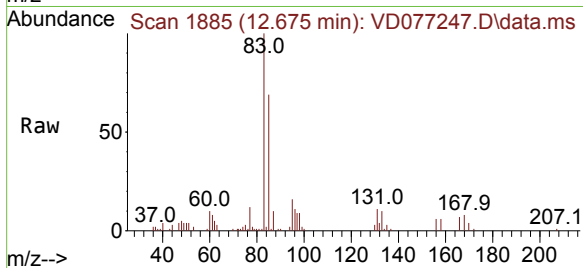
Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	52395
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.1	15.3
85	66.3	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 46.691 ug/l

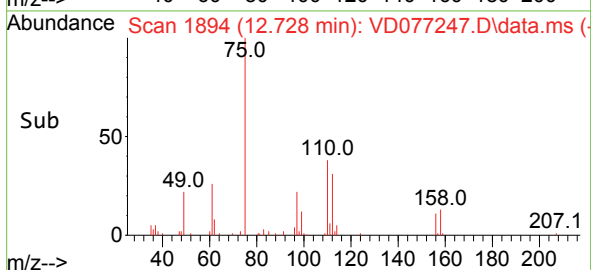
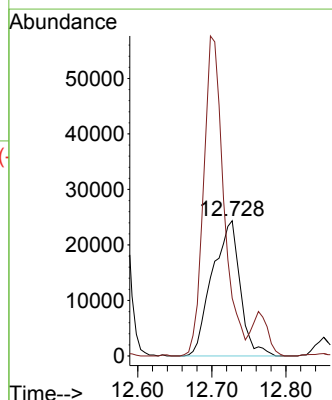
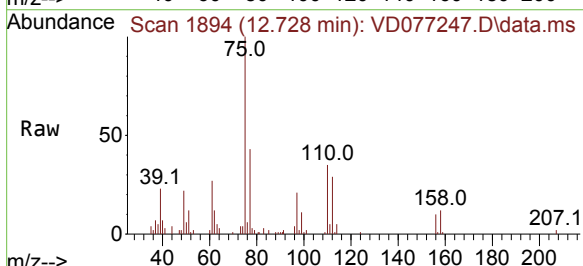
RT: 12.728 min Scan# 1894

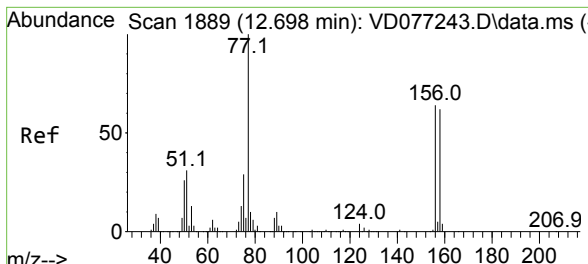
Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Tgt Ion:	75	Resp:	63723
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

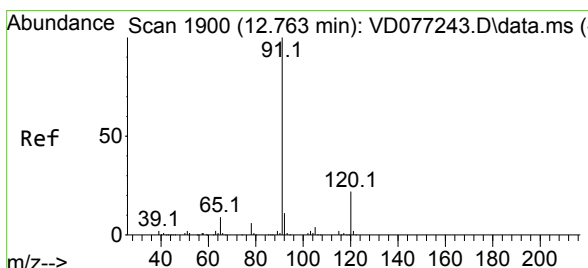
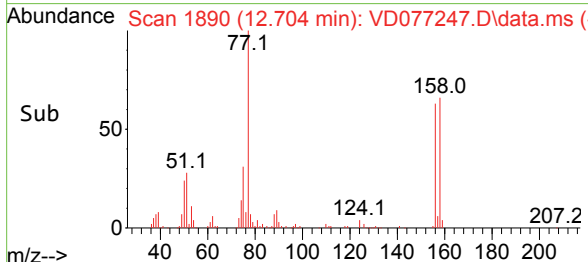
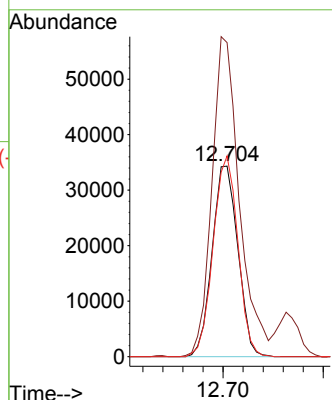
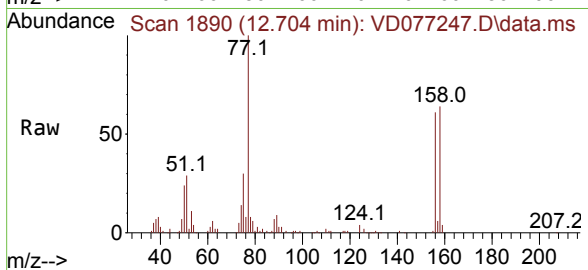




#77
Bromobenzene
Concen: 19.491 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

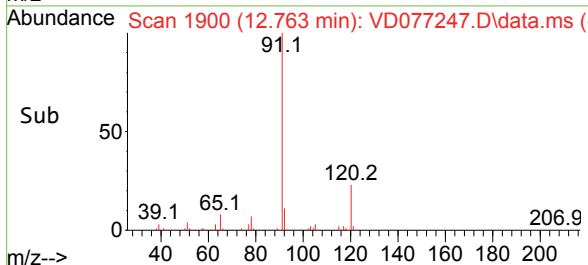
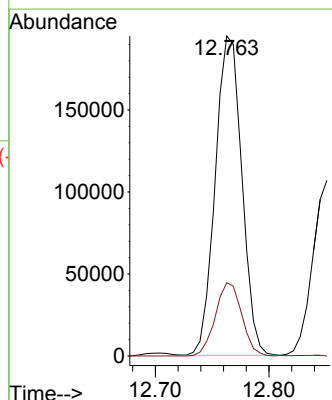
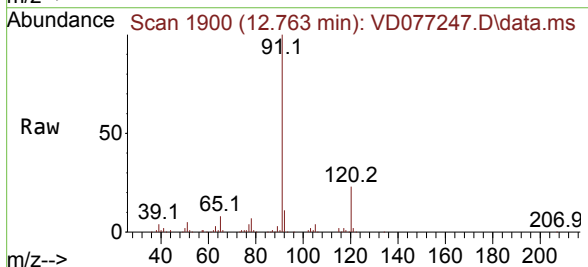
Instrument :
MSVOA_D
ClientSampleId :

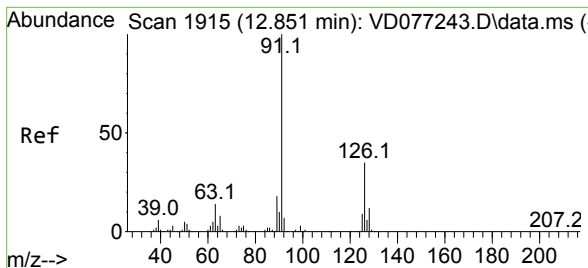
Tgt Ion:156 Resp: 61356
Ion Ratio Lower Upper
156 100
77 178.4 76.8 230.4
158 101.2 48.6 145.9



#78
n-propylbenzene
Concen: 20.516 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 91 Resp: 317037
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.805 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

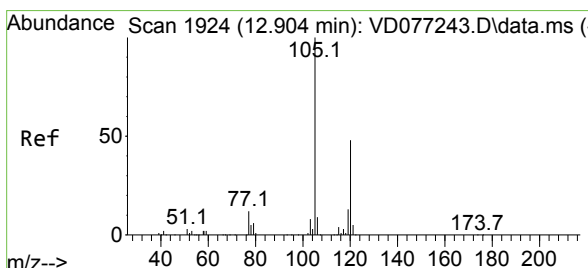
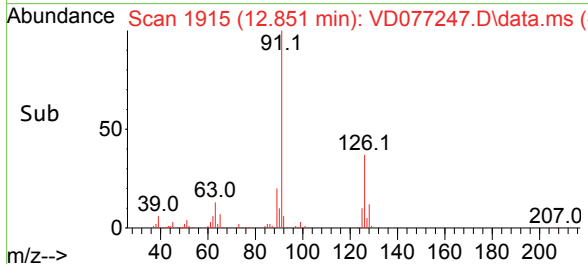
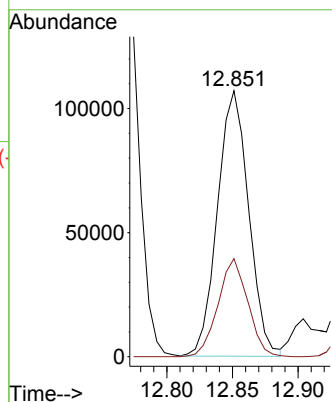
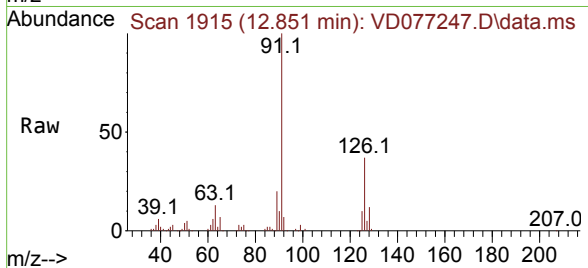
ClientSampleId :

Tgt Ion: 91 Resp: 177293

Ion Ratio Lower Upper

91 100

126 35.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.746 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077247.D

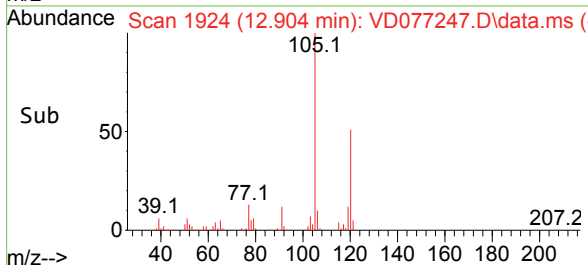
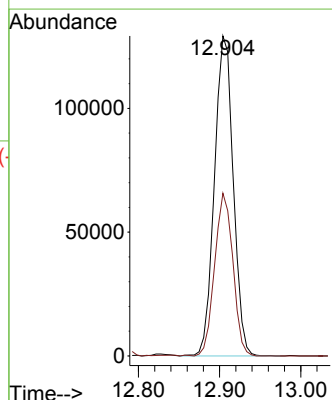
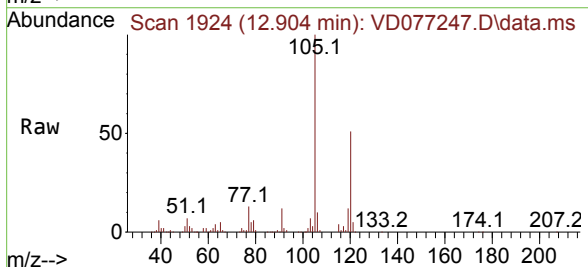
Acq: 29 Sep 2023 15:56

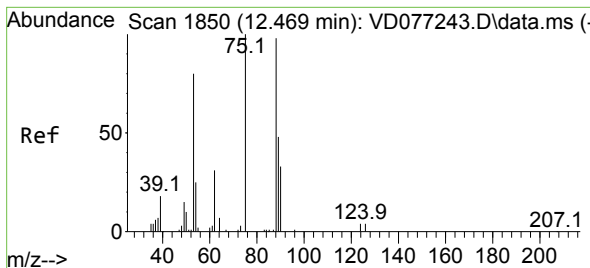
Tgt Ion: 105 Resp: 208483

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

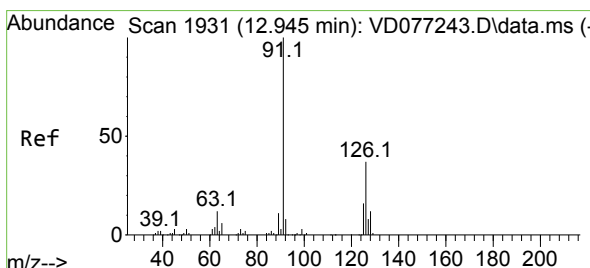
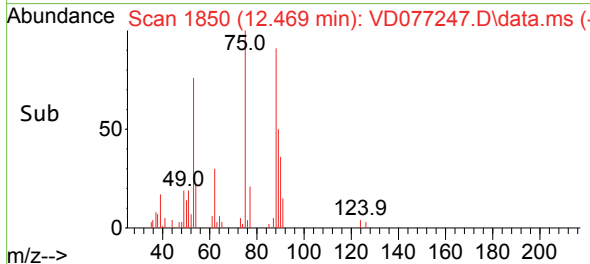
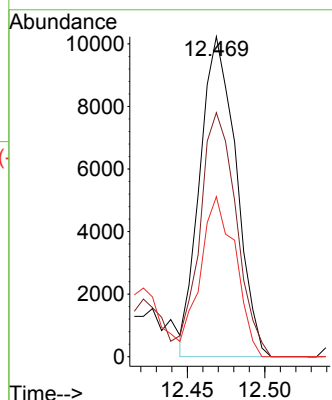
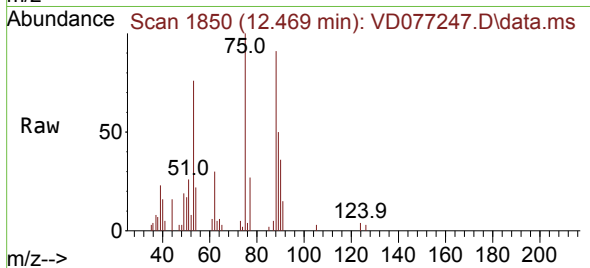




#81
trans-1,4-Dichloro-2-butene
Concen: 23.018 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

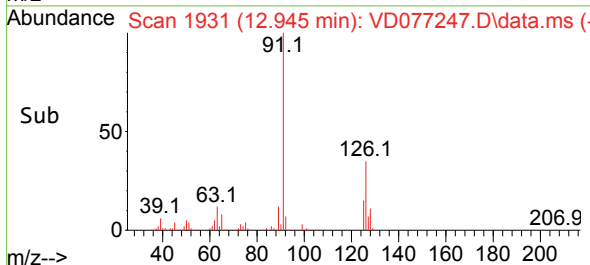
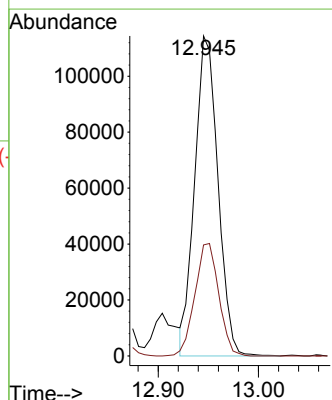
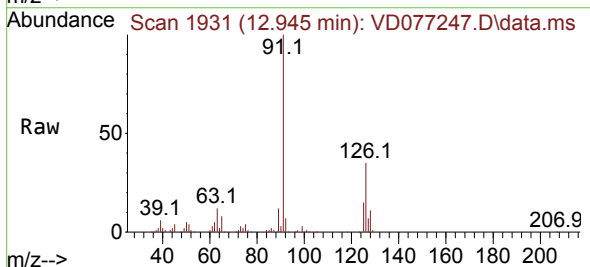
Instrument :
MSVOA_D
ClientSampleId :

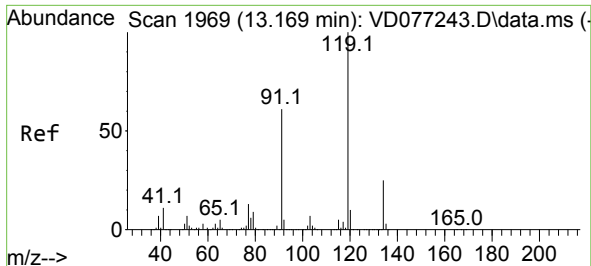
Tgt Ion: 75 Resp: 16597
Ion Ratio Lower Upper
75 100
53 77.4 63.0 94.4
89 48.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.596 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

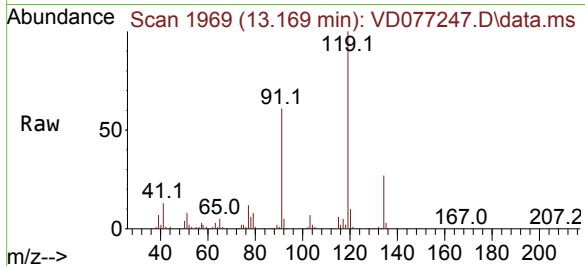
Tgt Ion: 91 Resp: 184464
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4



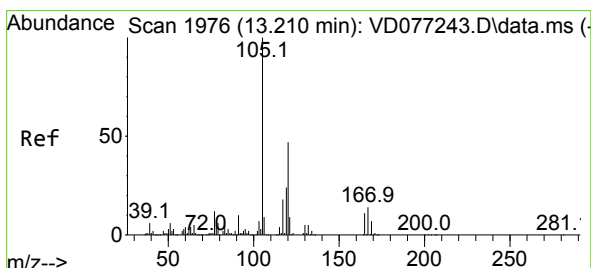
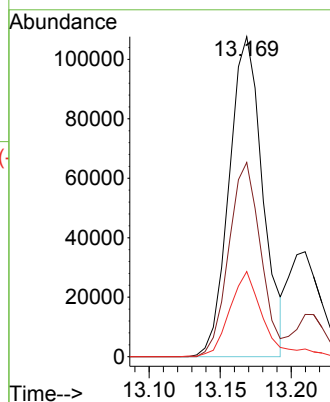
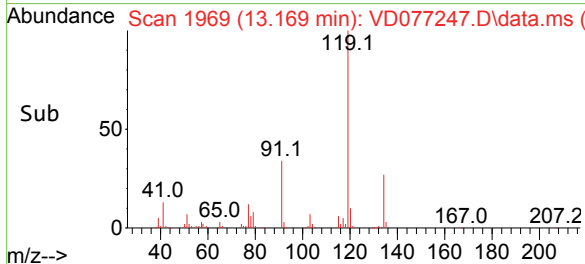


#83
tert-Butylbenzene
Concen: 19.649 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

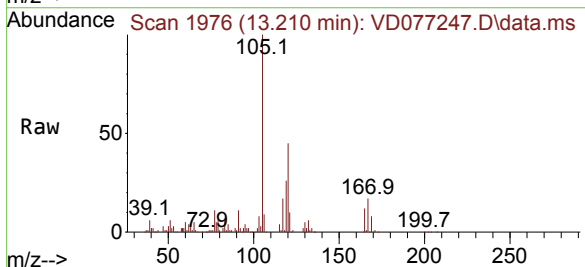
Instrument :
MSVOA_D
ClientSampleId :



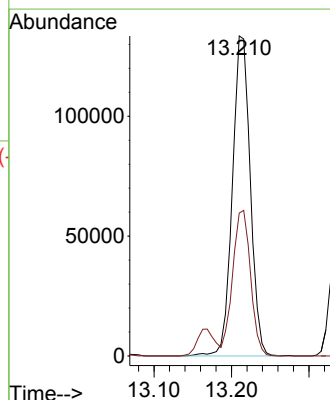
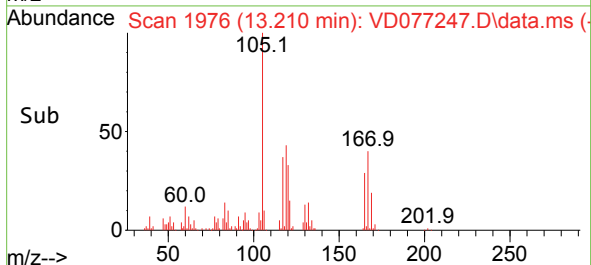
Tgt Ion:119 Resp: 177239
Ion Ratio Lower Upper
119 100
91 57.7 29.3 87.8
134 26.7 14.1 42.3

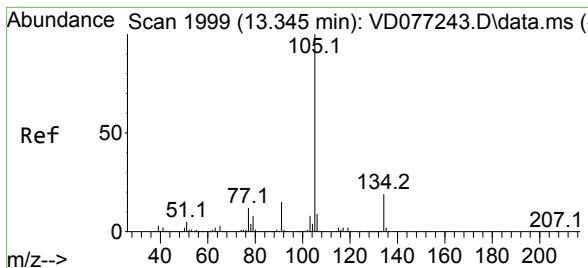


#84
1,2,4-Trimethylbenzene
Concen: 20.035 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56



Tgt Ion:105 Resp: 214501
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

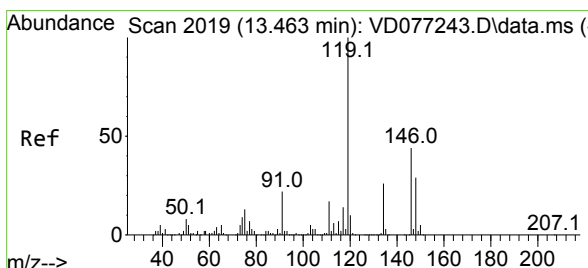
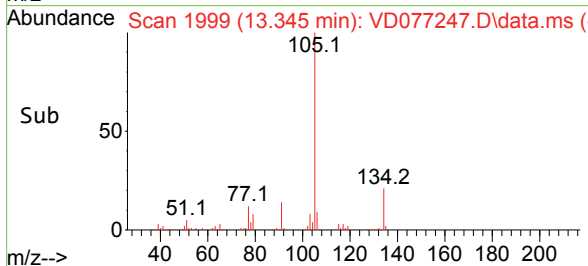
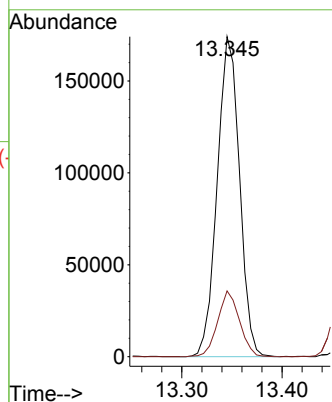
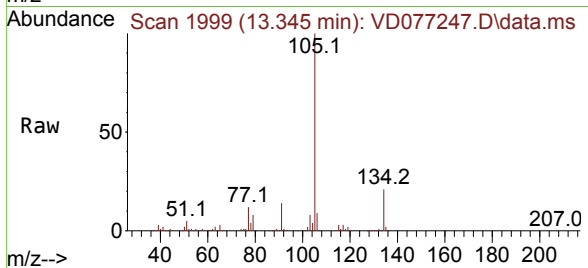




#85
 sec-Butylbenzene
 Concen: 19.841 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

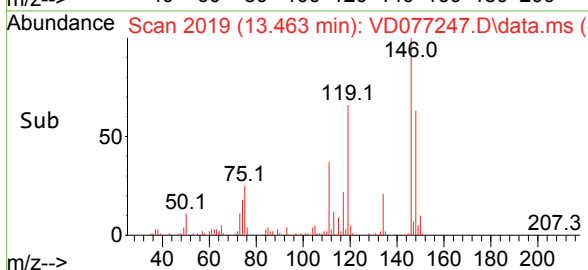
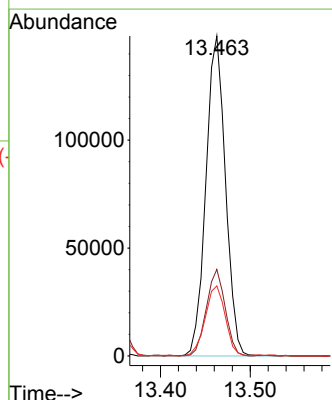
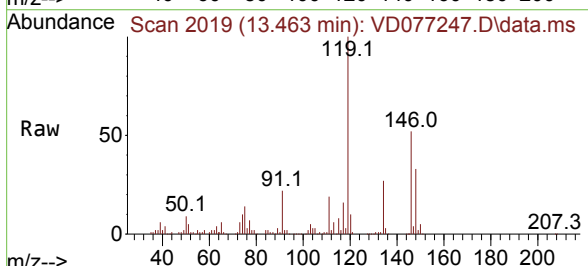
Instrument :
 MSVOA_D
 ClientSampleId :

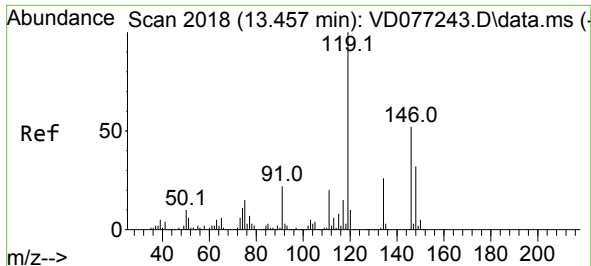
Tgt Ion:105 Resp: 268571
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.538 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Tgt Ion:119 Resp: 224355
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.4 10.5 31.5

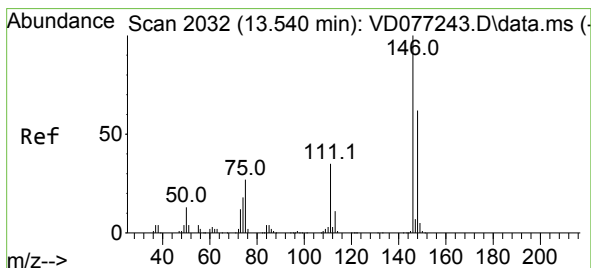
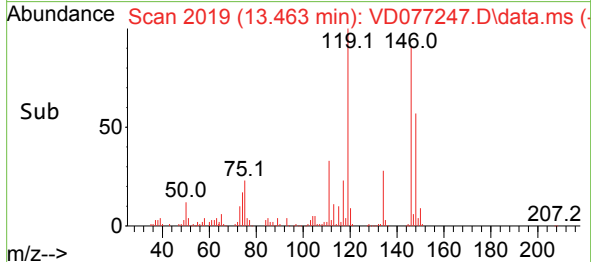
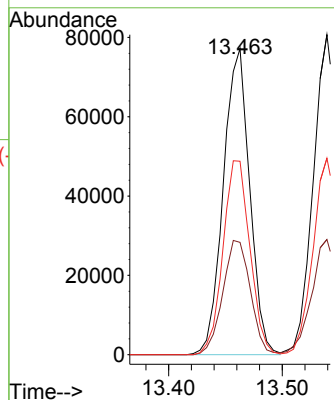
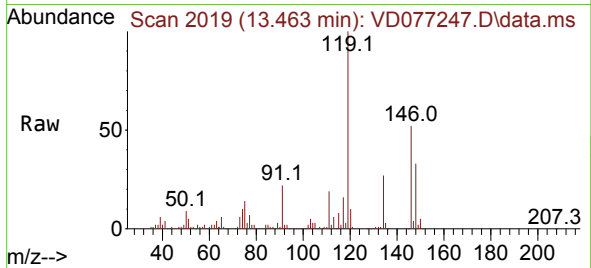




#87
1,3-Dichlorobenzene
Concen: 19.224 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

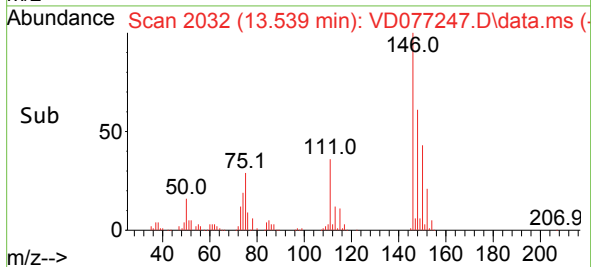
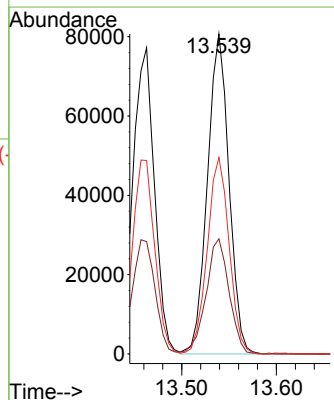
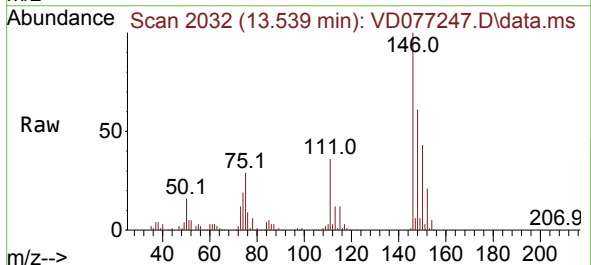
Instrument :
MSVOA_D
ClientSampleId :

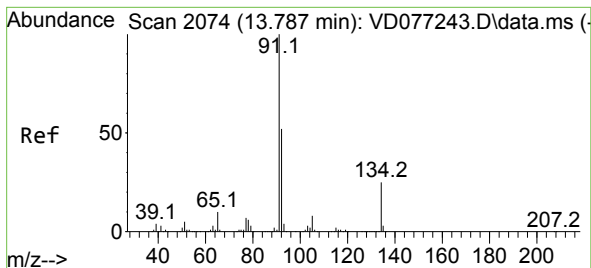
Tgt Ion:146 Resp: 124458
Ion Ratio Lower Upper
146 100
111 39.2 17.9 53.8
148 64.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.073 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion:146 Resp: 127859
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 62.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.705 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

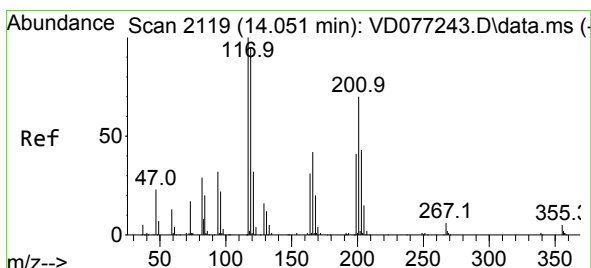
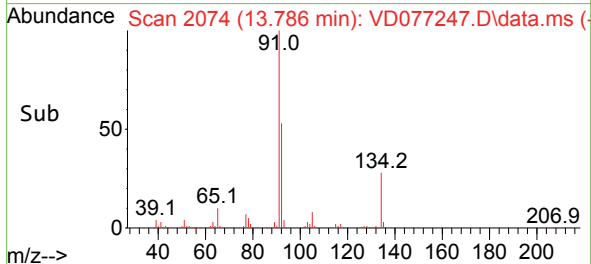
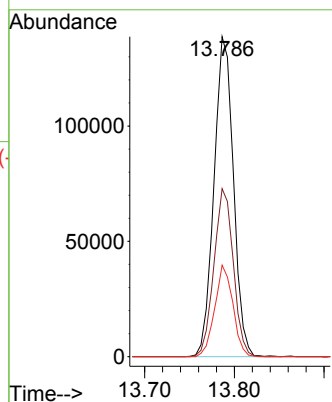
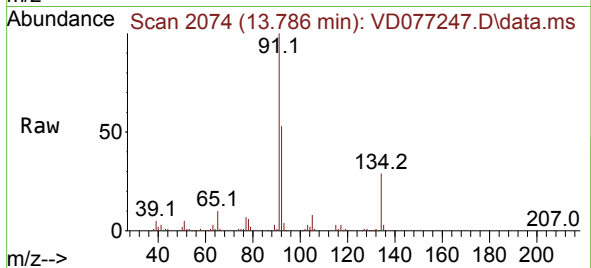
Tgt Ion: 91 Resp: 208737

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 26.7 13.8 41.3



#90

Hexachloroethane

Concen: 19.382 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077247.D

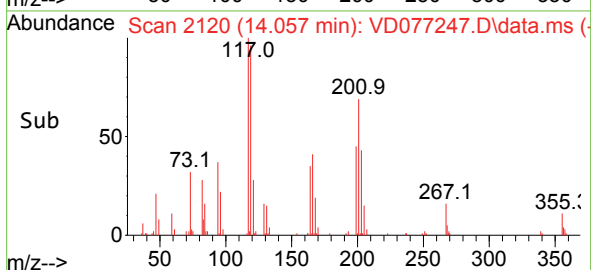
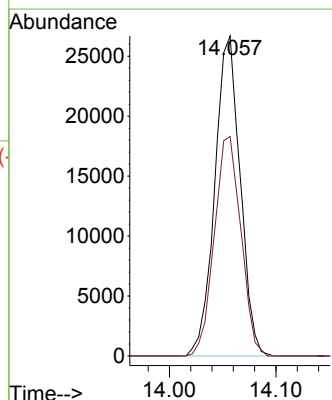
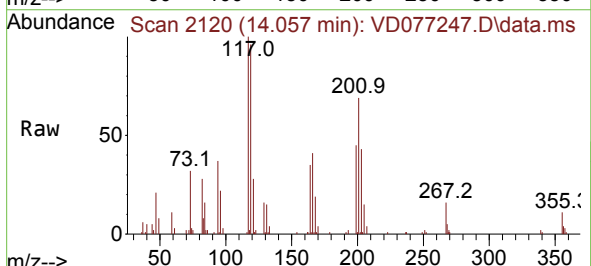
Acq: 29 Sep 2023 15:56

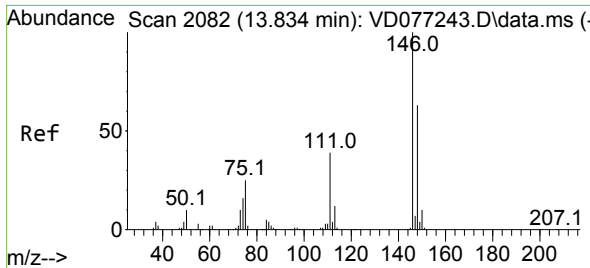
Tgt Ion: 117 Resp: 44140

Ion Ratio Lower Upper

117 100

201 71.8 38.5 115.5

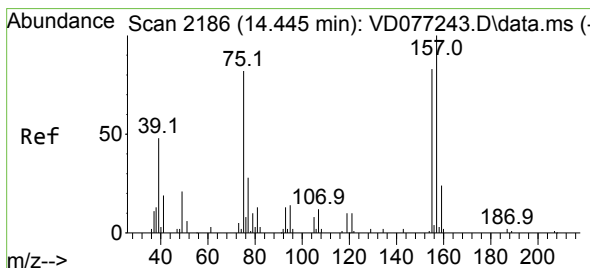
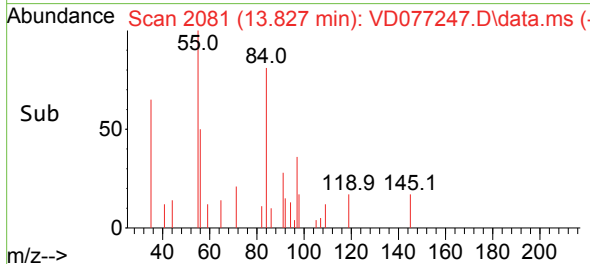
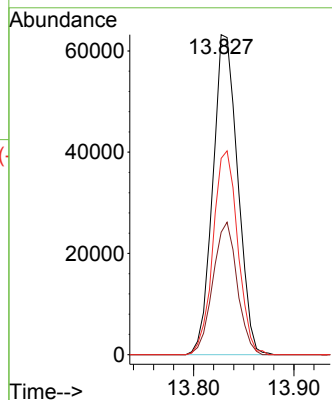
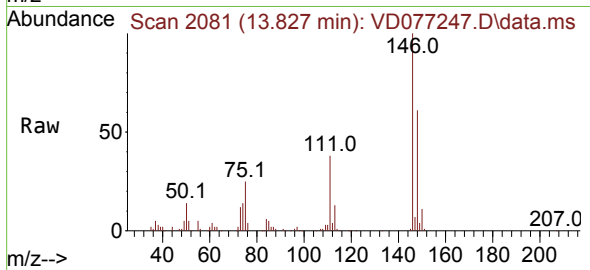




#91
1,2-Dichlorobenzene
Concen: 19.625 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

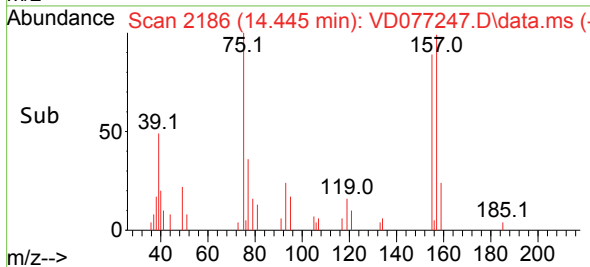
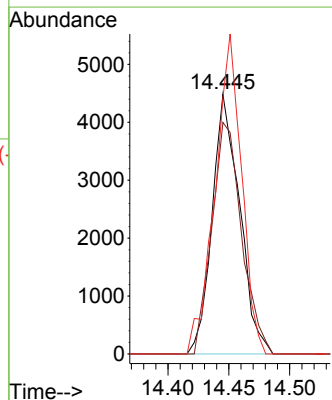
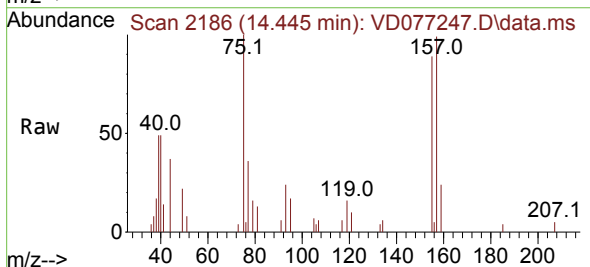
Instrument :
MSVOA_D
ClientSampleId :

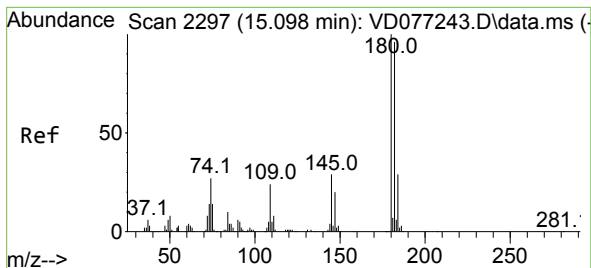
Tgt Ion:146 Resp: 108932
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.086 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077247.D
Acq: 29 Sep 2023 15:56

Tgt Ion: 75 Resp: 7036
Ion Ratio Lower Upper
75 100
155 96.7 47.9 143.8
157 119.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.142 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

Instrument :

MSVOA_D

ClientSampleId :

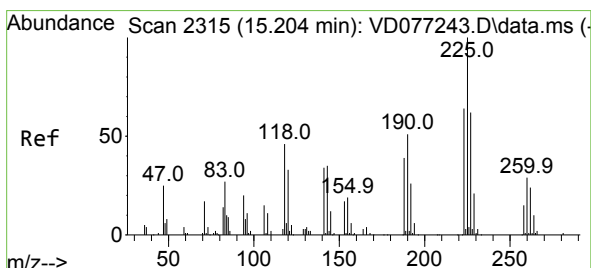
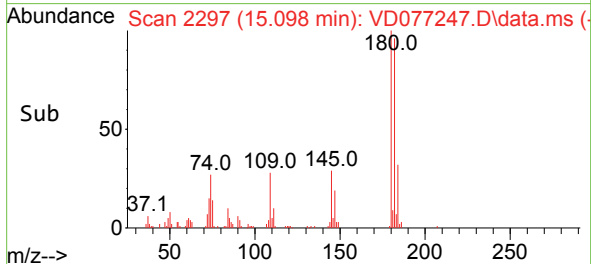
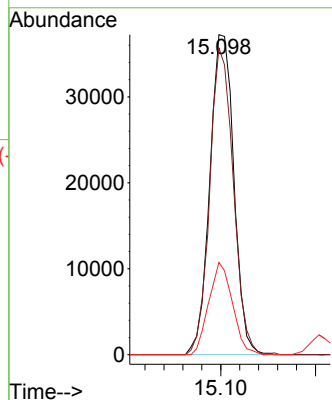
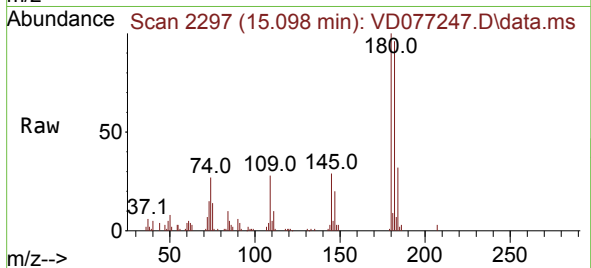
Tgt Ion:180 Resp: 65553

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.942 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077247.D

Acq: 29 Sep 2023 15:56

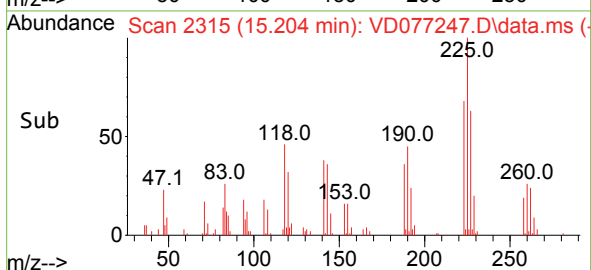
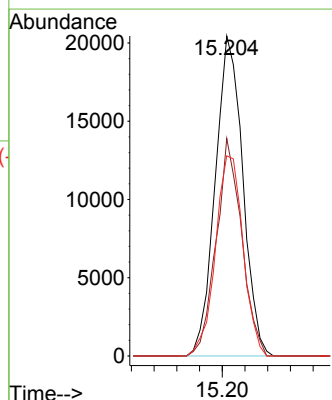
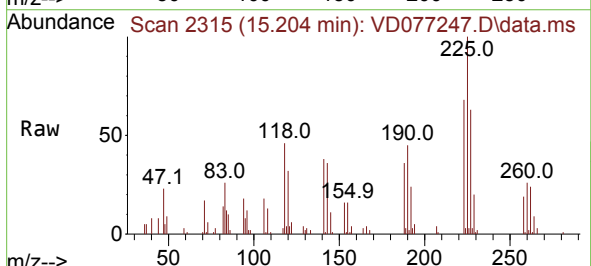
Tgt Ion:225 Resp: 34374

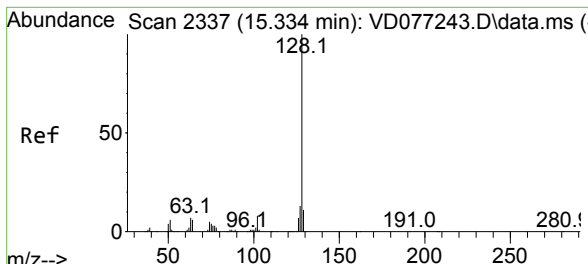
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 62.7 31.7 95.1

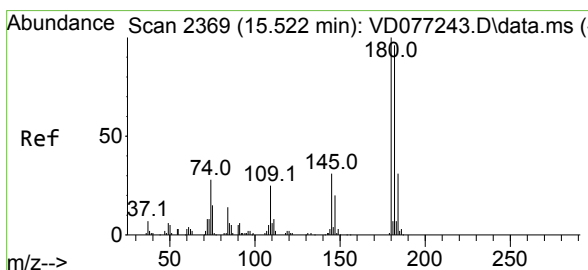
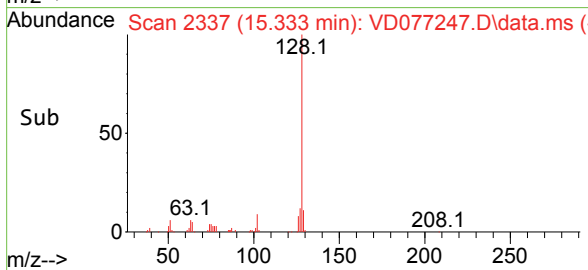
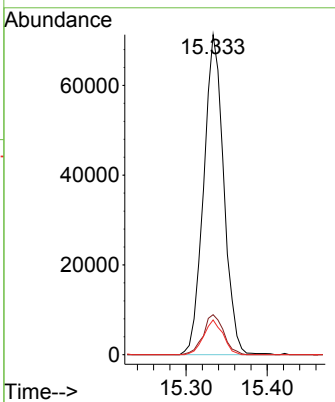
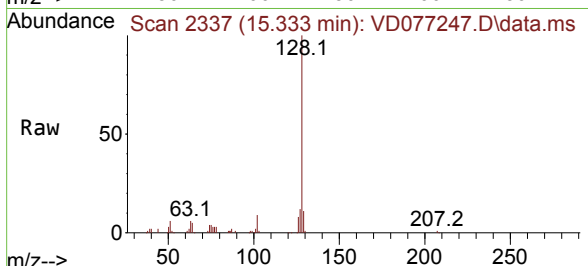




#95
 Naphthalene
 Concen: 19.497 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	122436
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	10.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.631 ug/l
 RT: 15.527 min Scan# 2370
 Delta R.T. 0.006 min
 Lab File: VD077247.D
 Acq: 29 Sep 2023 15:56

Tgt Ion:	180	Resp:	59754
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	31.6	15.1	45.3

