

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077449.D
 Acq On : 30 Oct 2023 16:00
 Operator : JC/SY
 Sample : 04699-01 4.0ppb
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	317242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	547120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	480701	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	220513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	205468	45.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.600%
35) Dibromofluoromethane	7.805	113	180135	47.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.269	98	701132	47.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.575	95	230597	46.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	11554	4.517	ug/l	97
3) Chloromethane	2.146	50	15713	3.869	ug/l	97
4) Vinyl Chloride	2.281	62	16326	4.122	ug/l	94
5) Bromomethane	2.693	94	9844	4.744	ug/l	98
6) Chloroethane	2.840	64	10443	3.917	ug/l	94
7) Trichlorofluoromethane	3.175	101	22057	3.977	ug/l	91
8) Diethyl Ether	3.587	74	7768	3.897	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	3.964	101	13444	4.015	ug/l #	89
10) Methyl Iodide	4.164	142	12178	5.847	ug/l #	90
11) Tert butyl alcohol	5.052	59	8792	24.742	ug/l #	77
12) 1,1-Dichloroethene	3.940	96	11904	3.756	ug/l #	80
13) Acrolein	3.793	56	11028	23.534	ug/l	96
14) Allyl chloride	4.569	41	28062	3.670	ug/l #	81
15) Acrylonitrile	5.263	53	20151	18.699	ug/l	96
16) Acetone	4.022	43	23818	20.065	ug/l #	78
17) Carbon Disulfide	4.275	76	25513	6.170	ug/l	97
18) Methyl Acetate	4.569	43	15824	3.655	ug/l #	83
19) Methyl tert-butyl Ether	5.311	73	37627	3.782	ug/l	93
20) Methylene Chloride	4.799	84	79439	16.165	ug/l #	66
21) trans-1,2-Dichloroethene	5.311	96	13590	3.681	ug/l #	84
22) Diisopropyl ether	6.216	45	59935	3.688	ug/l #	85
23) Vinyl Acetate	6.158	43	149260	21.289	ug/l #	87
24) 1,1-Dichloroethane	6.111	63	32495	3.853	ug/l	91
25) 2-Butanone	7.087	43	31867	20.127	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	32411	4.337	ug/l	87
27) cis-1,2-Dichloroethene	7.087	96	17827	3.898	ug/l	64
28) Bromochloromethane	7.428	49	12260	5.178	ug/l #	53
29) Tetrahydrofuran	7.446	42	16627	17.706	ug/l #	74
30) Chloroform	7.599	83	30141	3.828	ug/l	97
31) Cyclohexane	7.875	56	32732	4.668	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	25571	3.942	ug/l #	93
36) 1,1-Dichloropropene	8.005	75	21642	3.860	ug/l	91
37) Ethyl Acetate	7.169	43	11311	3.515	ug/l #	66
38) Carbon Tetrachloride	7.993	117	21209	4.014	ug/l	90
39) Methylcyclohexane	9.269	83	24543	3.837	ug/l #	78
40) Benzene	8.252	78	61450	3.844	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8095	3.932	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	20263	4.002	ug/l	94
43) Isopropyl Acetate	8.357	43	24889	3.748	ug/l #	84
44) Trichloroethene	9.028	130	14625	3.735	ug/l	89
45) 1,2-Dichloropropane	9.304	63	18296	3.887	ug/l	90
46) Dibromomethane	9.399	93	8365	3.693	ug/l #	85
47) Bromodichloromethane	9.581	83	23719	3.962	ug/l	98
48) Methyl methacrylate	9.381	41	11236	3.545	ug/l #	69
49) 1,4-Dioxane	9.381	88	1744	71.653	ug/l #	35
51) 4-Methyl-2-Pentanone	10.163	43	62867	19.236	ug/l #	80
52) Toluene	10.334	92	39743	4.078	ug/l	92
53) t-1,3-Dichloropropene	10.551	75	24104	3.802	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	28862	3.956	ug/l #	71
55) 1,1,2-Trichloroethane	10.734	97	11521	3.812	ug/l	91
56) Ethyl methacrylate	10.599	69	17600	3.917	ug/l #	68
57) 1,3-Dichloropropane	10.875	76	21617	3.827	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	41524	18.460	ug/l #	83
59) 2-Hexanone	10.922	43	47626	19.781	ug/l	78
60) Dibromochloromethane	11.075	129	13872	3.817	ug/l	94
61) 1,2-Dibromoethane	11.181	107	10524	3.677	ug/l	97
64) Tetrachloroethene	10.810	164	11730	3.833	ug/l	96
65) Chlorobenzene	11.604	112	39155	3.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	14246	3.743	ug/l	96
67) Ethyl Benzene	11.687	91	79435	4.099	ug/l	94
68) m/p-Xylenes	11.793	106	54311	7.762	ug/l	80
69) o-Xylene	12.122	106	26832	4.003	ug/l	83
70) Styrene	12.134	104	45585	3.943	ug/l #	91
71) Bromoform	12.298	173	8021	3.802	ug/l #	96
73) Isopropylbenzene	12.422	105	72841	4.052	ug/l	95
74) N-amyl acetate	12.234	43	24306	3.817	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	13716	3.892	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	19782	7.371	ug/l #	100
77) Bromobenzene	12.698	156	15514	3.920	ug/l	66
78) n-propylbenzene	12.763	91	92042	4.032	ug/l	91
79) 2-Chlorotoluene	12.851	91	52282	4.045	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	59446	3.941	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.475	75	5030	3.620	ug/l #	81
82) 4-Chlorotoluene	12.945	91	52888	3.928	ug/l	88
83) tert-Butylbenzene	13.163	119	51873	4.090	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	59877	3.996	ug/l	92
85) sec-Butylbenzene	13.345	105	79577	4.101	ug/l	94
86) p-Isopropyltoluene	13.463	119	62868	3.986	ug/l	92
87) 1,3-Dichlorobenzene	13.457	146	30954	3.979	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	30254	3.893	ug/l	88
89) n-Butylbenzene	13.787	91	69306	4.227	ug/l	97
90) Hexachloroethane	14.051	117	13060	4.046	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	26927	3.939	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2289	3.855	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	17019	3.624	ug/l	95
94) Hexachlorobutadiene	15.210	225	10938	4.318	ug/l	95
95) Naphthalene	15.334	128	35690	3.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	15630	3.856	ug/l	99

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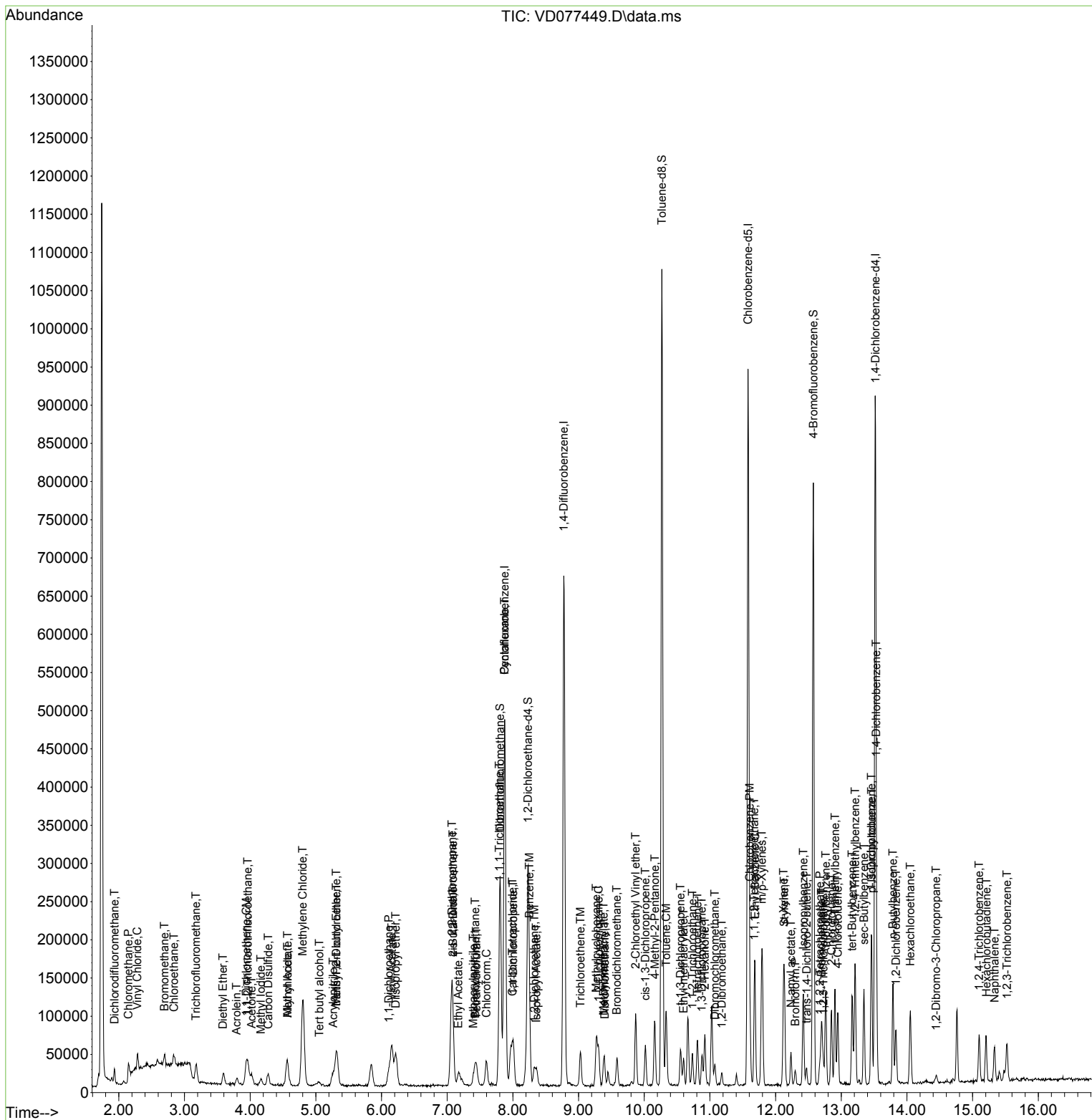
Instrument :
MSVOA_D
ClientSampleId :

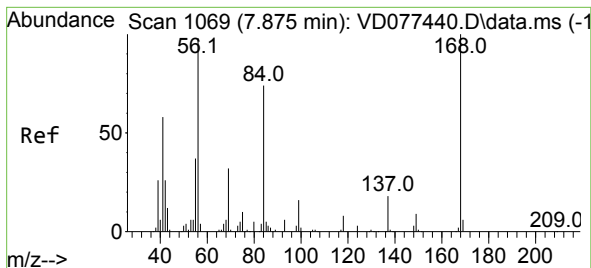
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077449.D

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Instrument :

MSVOA_D

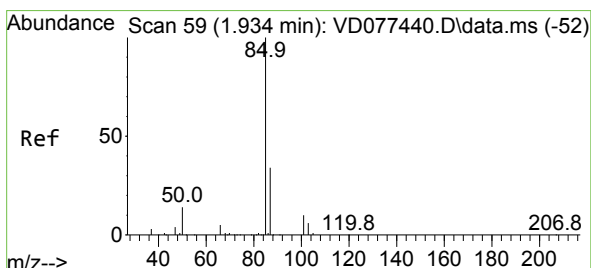
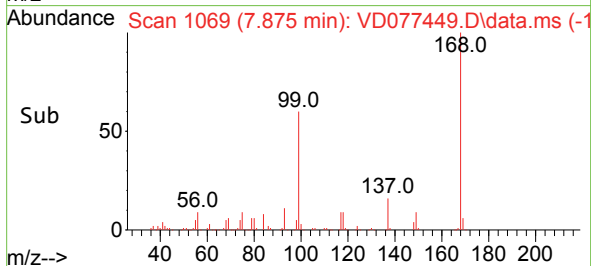
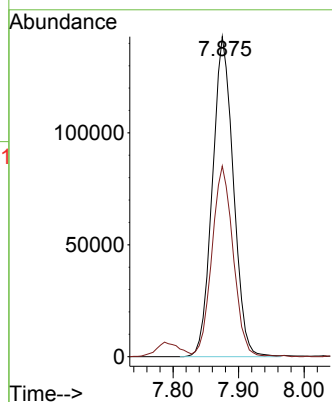
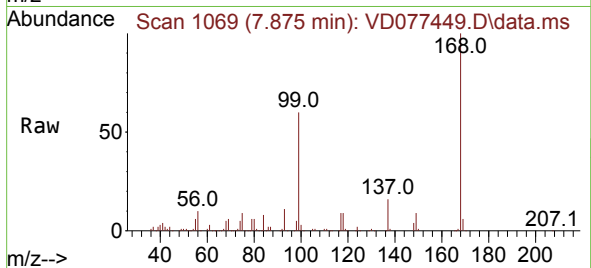
ClientSampleId :

Tgt Ion:168 Resp: 317242

Ion Ratio Lower Upper

168 100

99 59.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 4.517 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077449.D

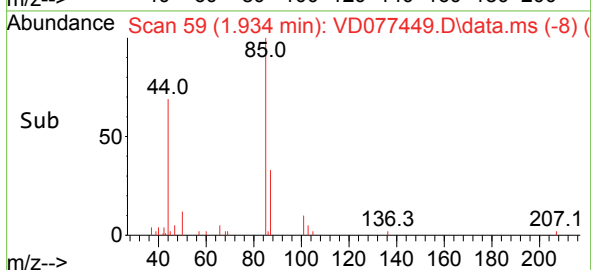
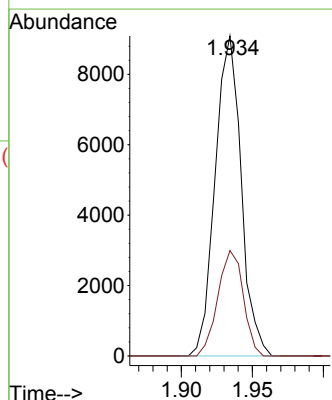
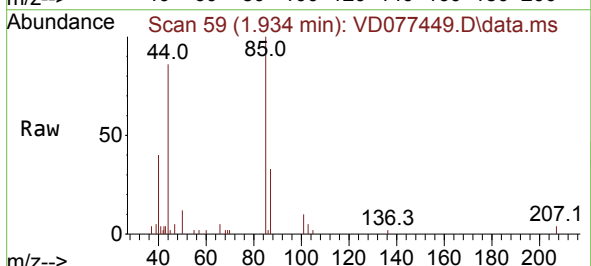
Acq: 30 Oct 2023 16:00

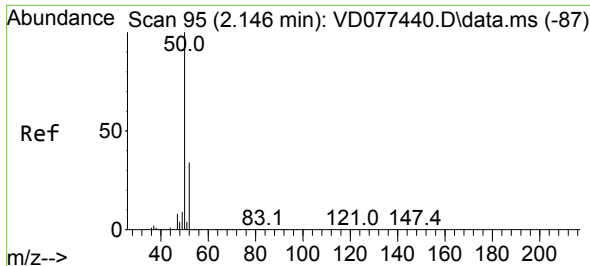
Tgt Ion: 85 Resp: 11554

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.0

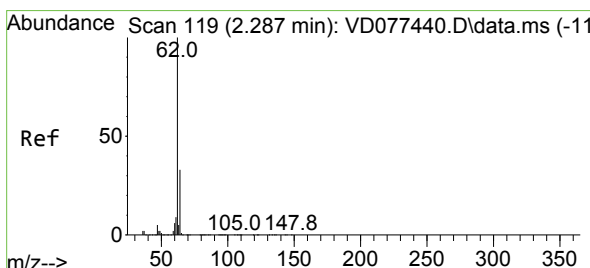
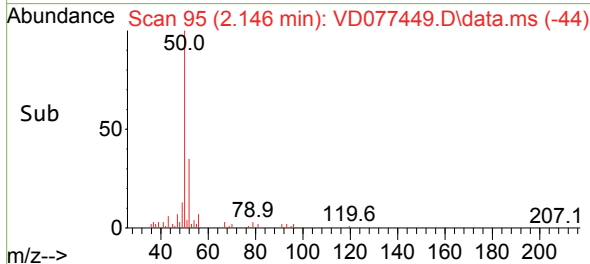
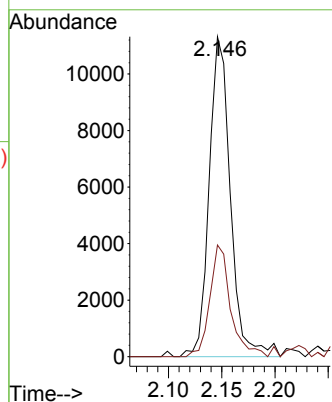
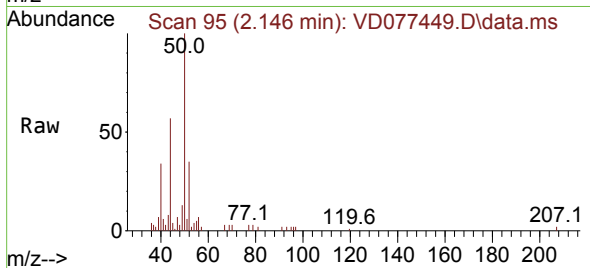




#3
Chloromethane
Concen: 3.869 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

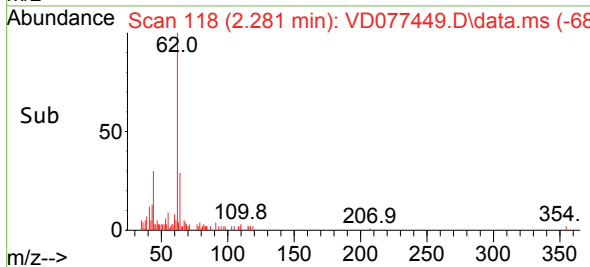
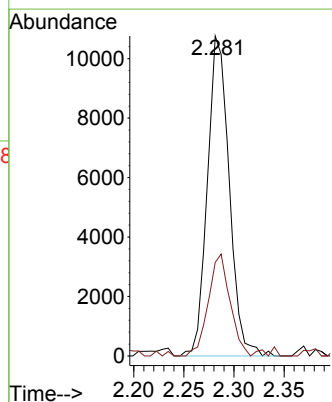
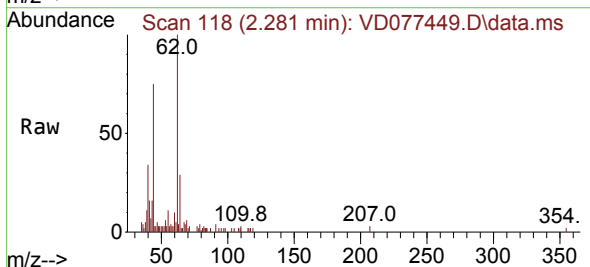
Instrument :
MSVOA_D
ClientSampleId :

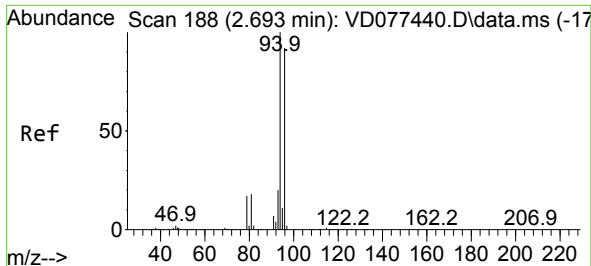
Tgt Ion: 50 Resp: 15713
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 4.122 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 62 Resp: 16326
Ion Ratio Lower Upper
62 100
64 29.3 26.0 39.0

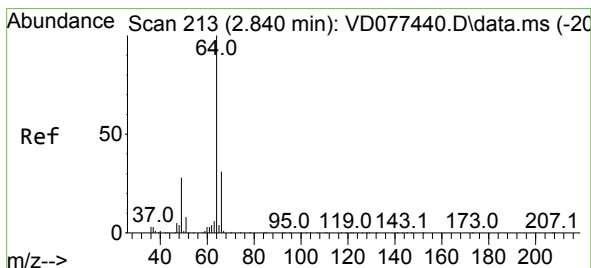
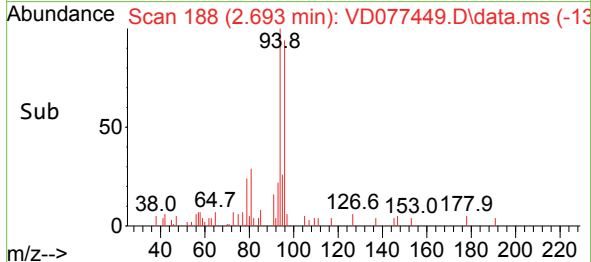
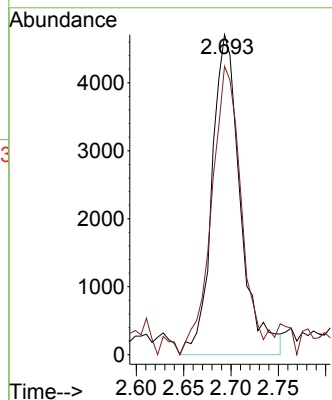
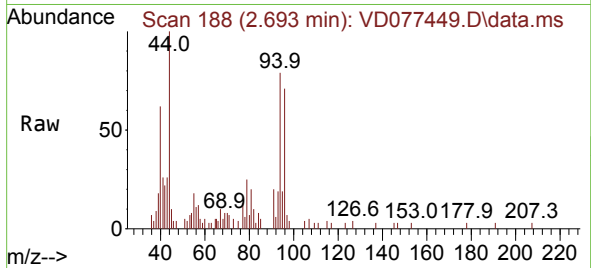




#5
Bromomethane
Concen: 4.744 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

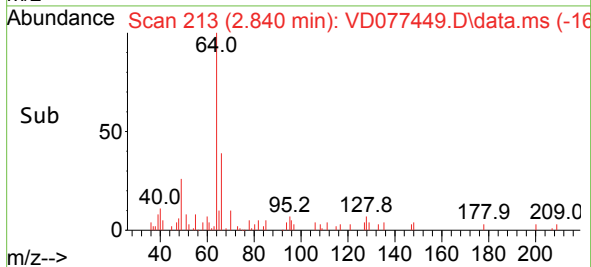
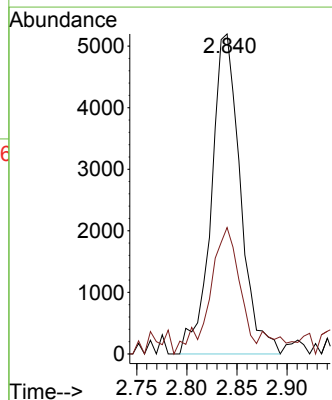
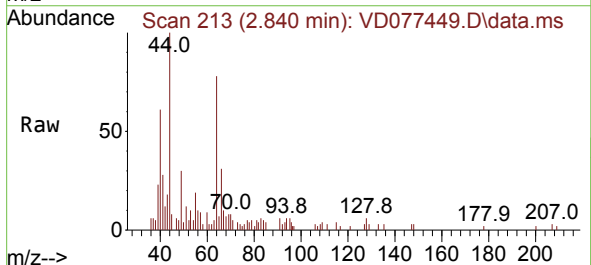
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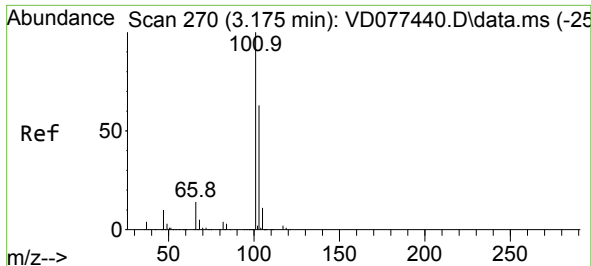
Tgt Ion: 94 Resp: 9844
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 3.917 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 64 Resp: 10443
Ion Ratio Lower Upper
64 100
66 35.5 25.5 38.3

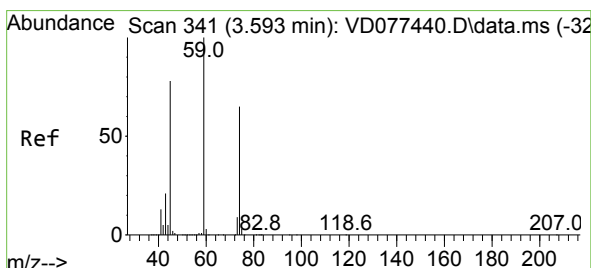
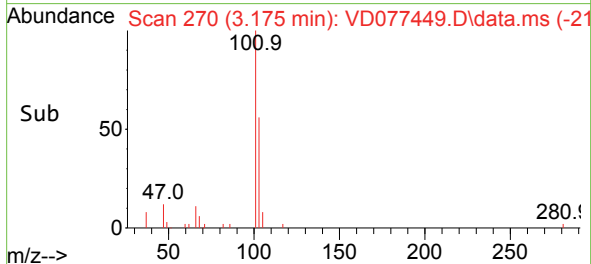
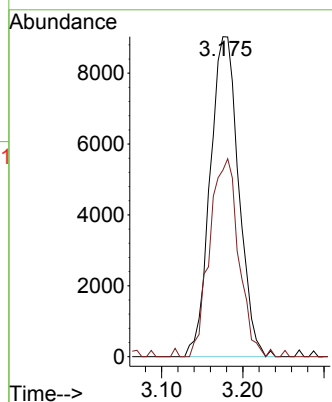
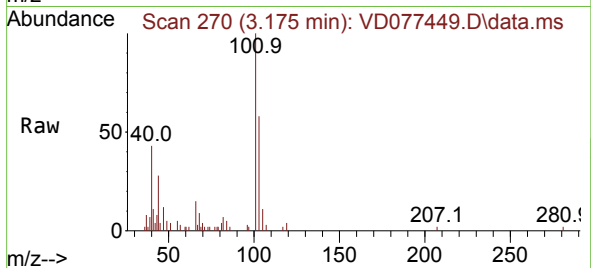




#7
 Trichlorofluoromethane
 Concen: 3.977 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

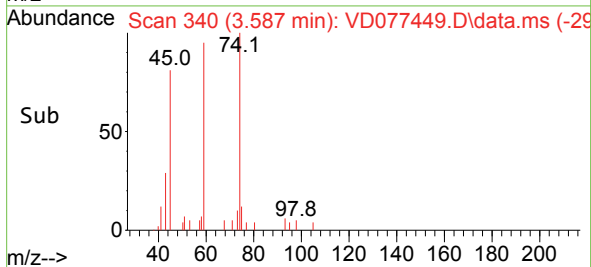
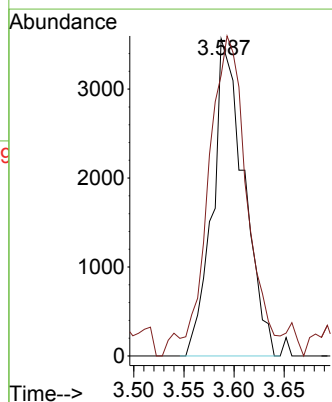
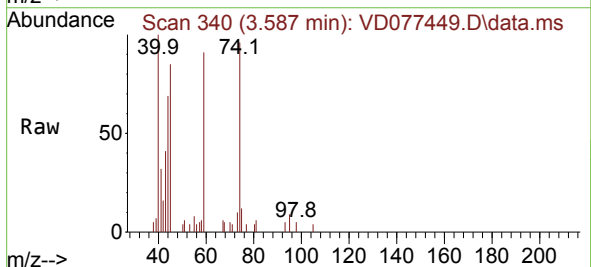
Instrument :
 MSVOA_D
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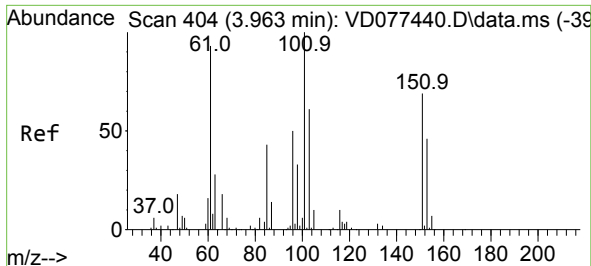
Tgt Ion:101 Resp: 22057
 Ion Ratio Lower Upper
 101 100
 103 58.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 3.897 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

Tgt Ion: 74 Resp: 7768
 Ion Ratio Lower Upper
 74 100
 45 124.6 37.5 112.7#

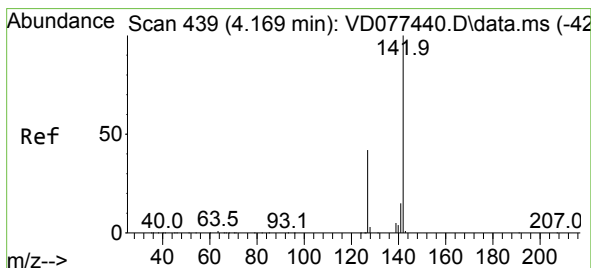
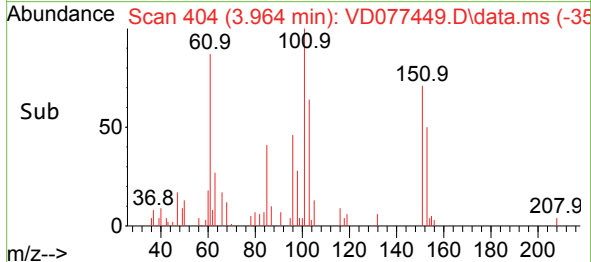
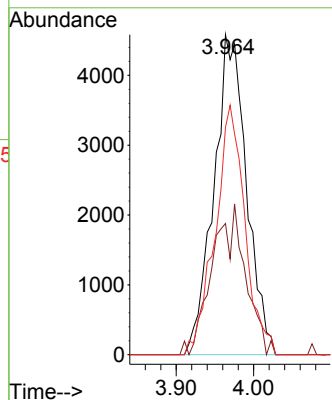
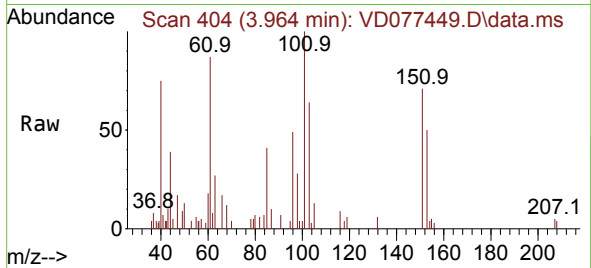




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.015 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

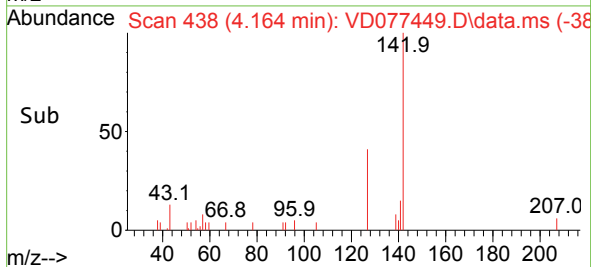
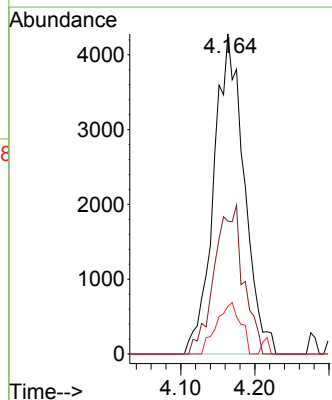
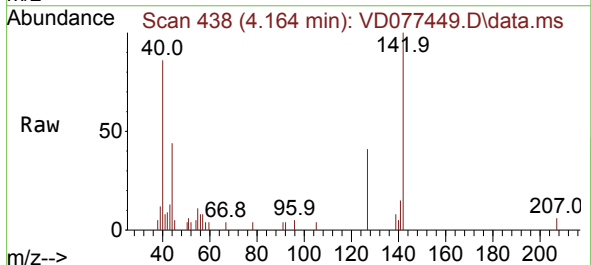
Instrument :
MSVOA_D
ClientSampleId :

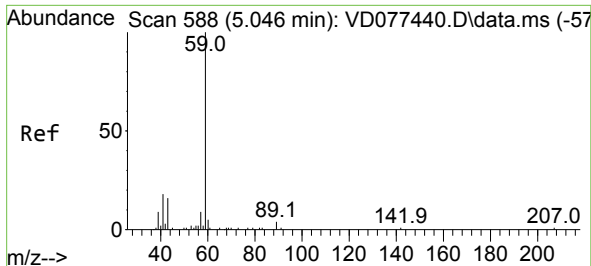
Tgt Ion:101 Resp: 13444
Ion Ratio Lower Upper
101 100
85 27.4 33.8 50.6#
151 71.1 59.8 89.6



#10
Methyl Iodide
Concen: 5.847 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion:142 Resp: 12178
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 12.8 11.1 16.7

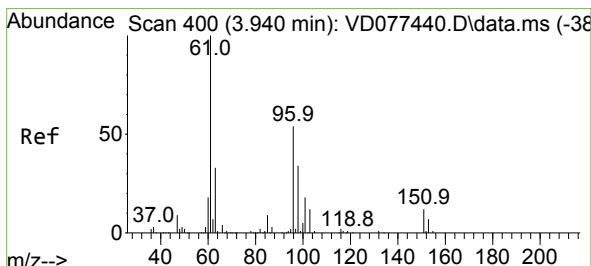
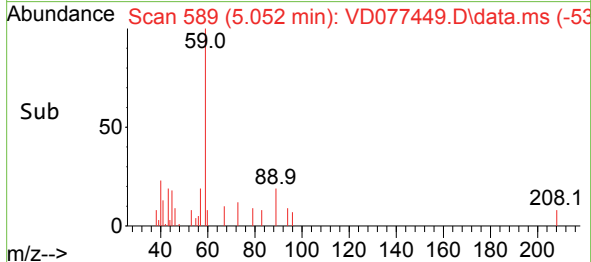
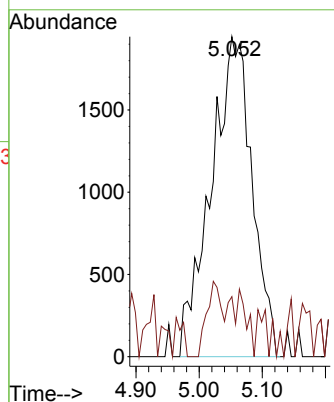
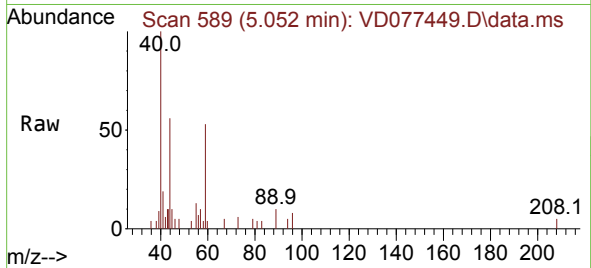




#11
Tert butyl alcohol
Concen: 24.742 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

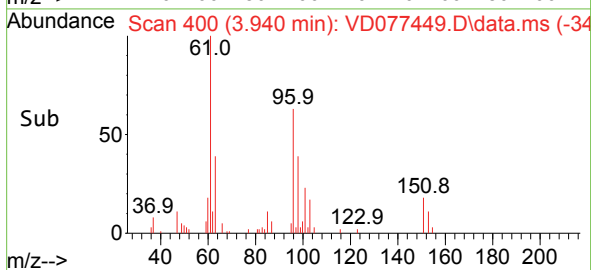
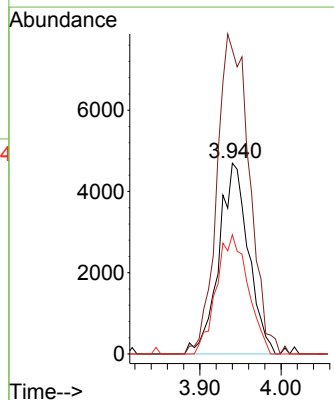
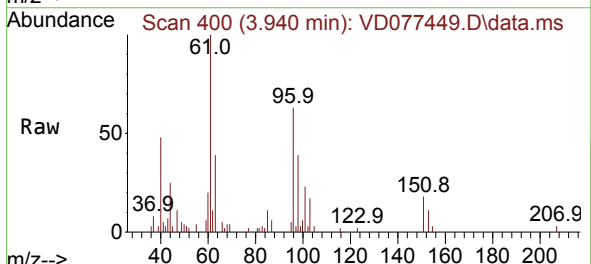
Instrument :
MSVOA_D
ClientSampleId :

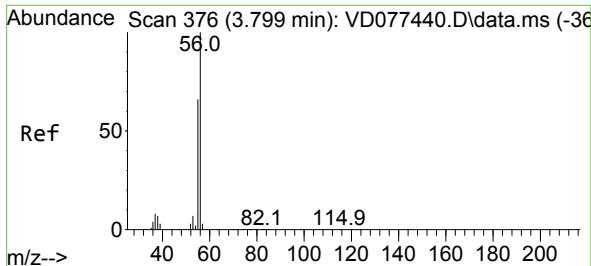
Tgt Ion: 59 Resp: 8792
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 3.756 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 96 Resp: 11904
Ion Ratio Lower Upper
96 100
61 159.3 100.6 150.8#
98 62.5 50.2 75.2





#13

Acrolein

Concen: 23.534 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

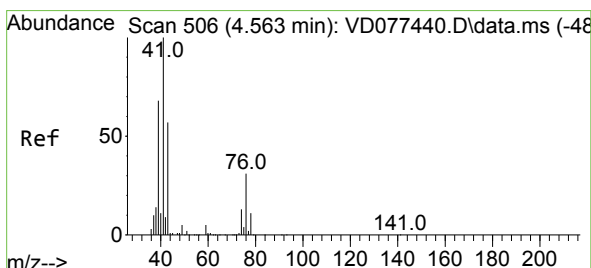
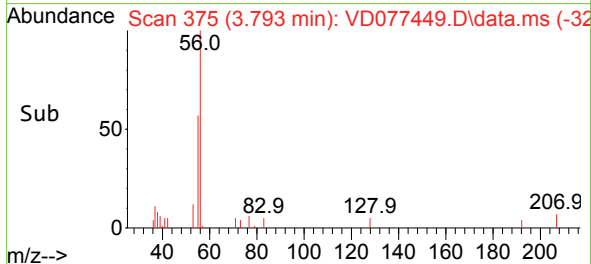
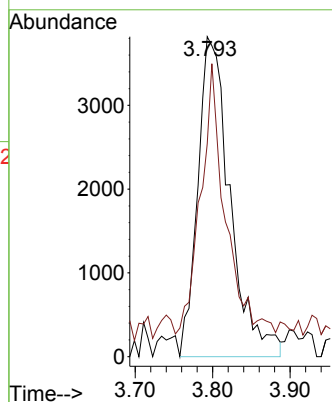
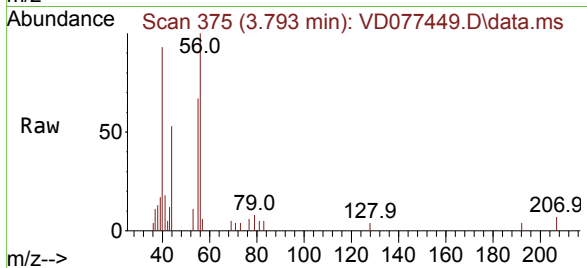
ClientSampleId :

Tgt Ion: 56 Resp: 11028

Ion Ratio Lower Upper

56 100

55 65.4 55.1 82.7



#14

Allyl chloride

Concen: 3.670 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

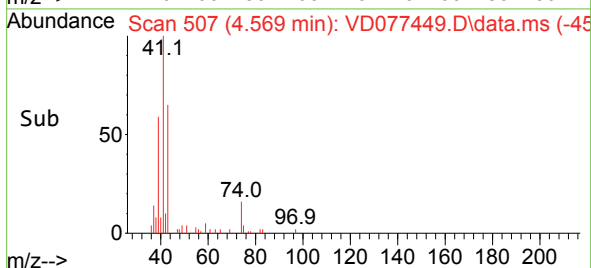
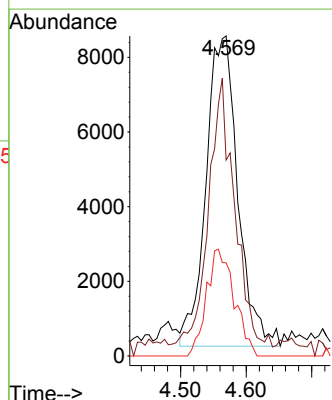
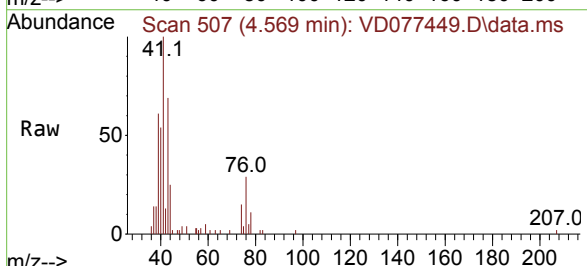
Tgt Ion: 41 Resp: 28062

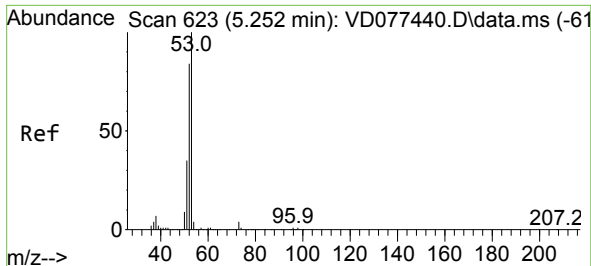
Ion Ratio Lower Upper

41 100

39 69.7 53.8 80.6

76 30.0 45.8 68.8#

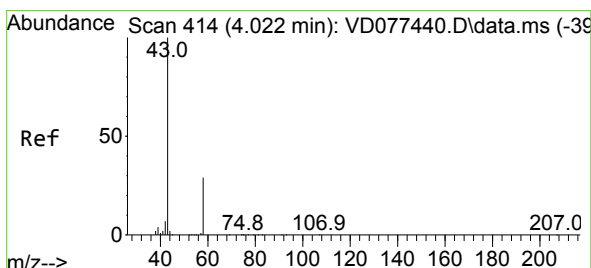
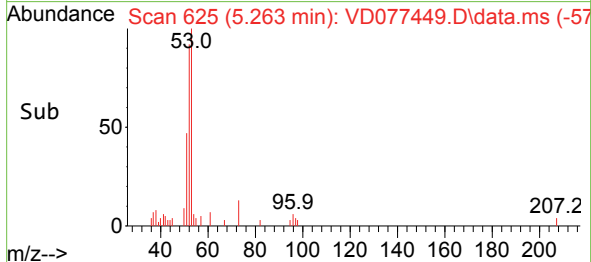
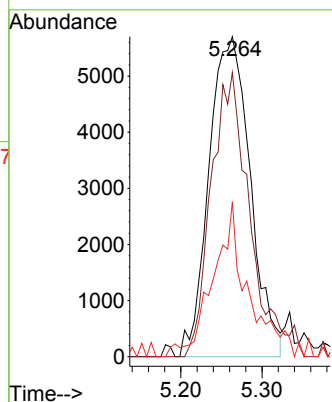
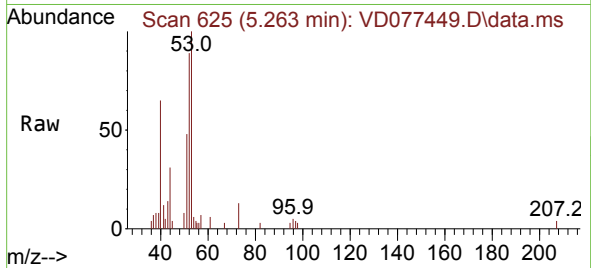




#15
Acrylonitrile
Concen: 18.699 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

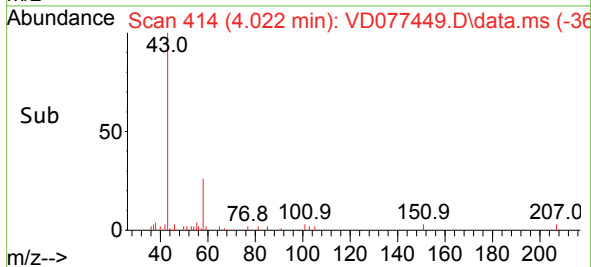
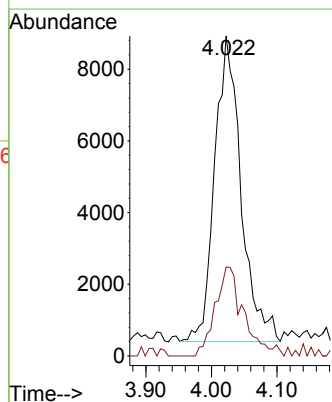
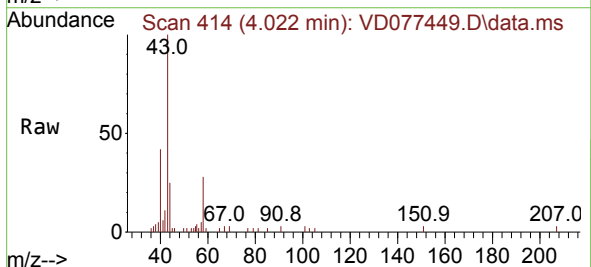
Instrument :
MSVOA_D
ClientSampleId :

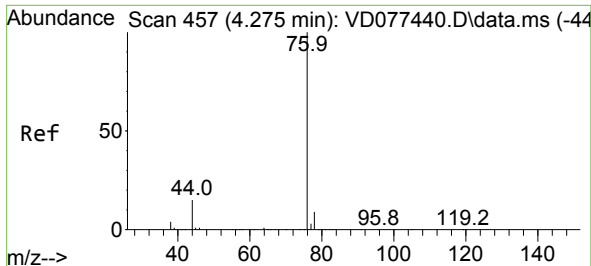
Tgt Ion: 53	Resp: 20151
Ion Ratio	Lower Upper
53 100	
52 83.2	65.0 97.4
51 39.2	28.3 42.5



#16
Acetone
Concen: 20.065 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 43	Resp: 23818
Ion Ratio	Lower Upper
43 100	
58 29.1	34.7 52.1#





#17

Carbon Disulfide

Concen: 6.170 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

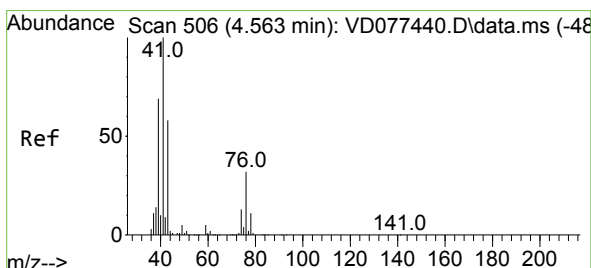
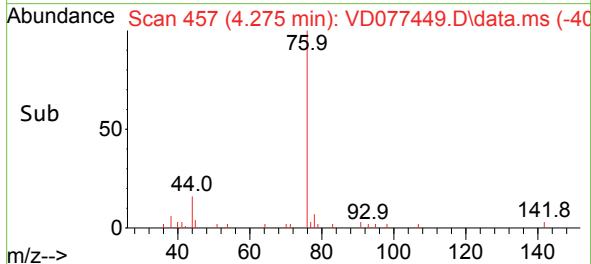
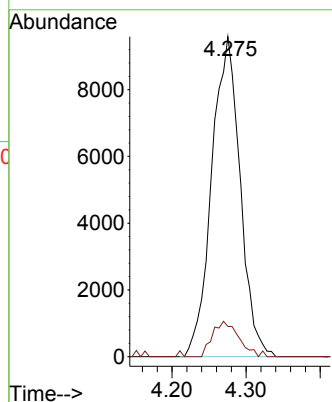
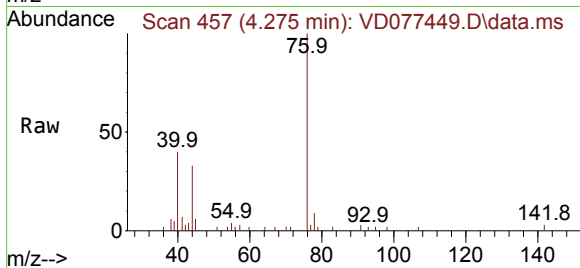
ClientSampleId :

Tgt Ion: 76 Resp: 25513

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 3.655 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077449.D

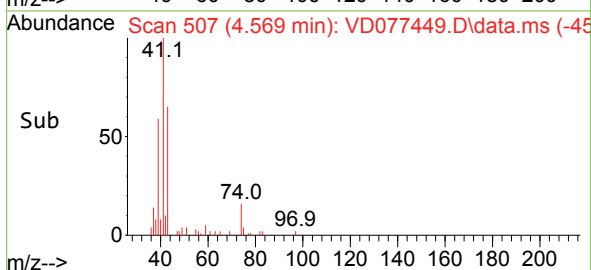
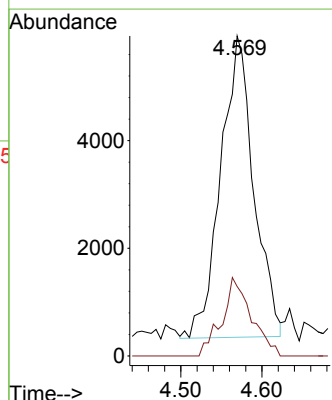
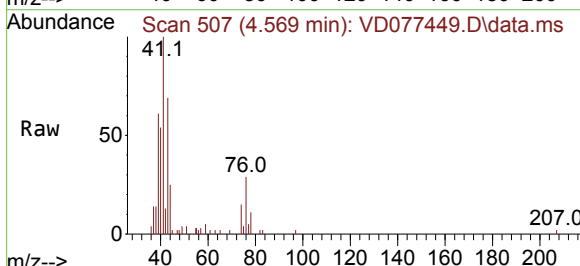
Acq: 30 Oct 2023 16:00

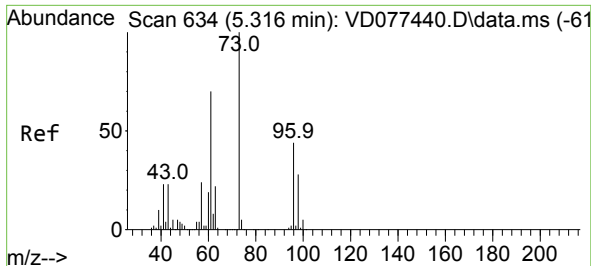
Tgt Ion: 43 Resp: 15824

Ion Ratio Lower Upper

43 100

74 23.2 26.4 39.6#

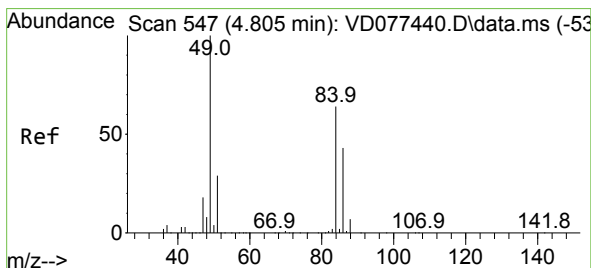
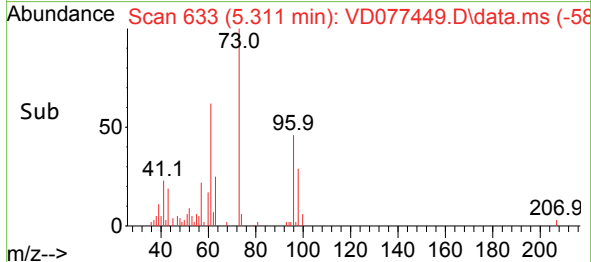
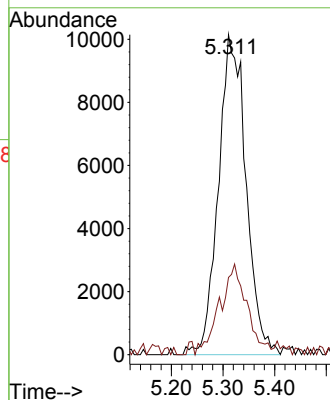
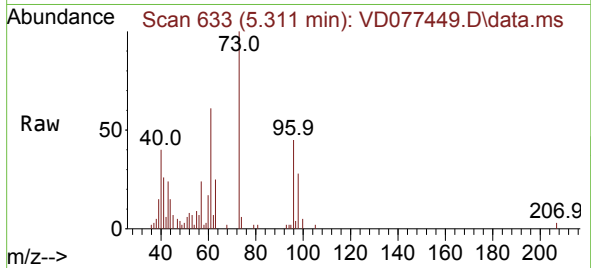




#19
Methyl tert-butyl Ether
Concen: 3.782 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

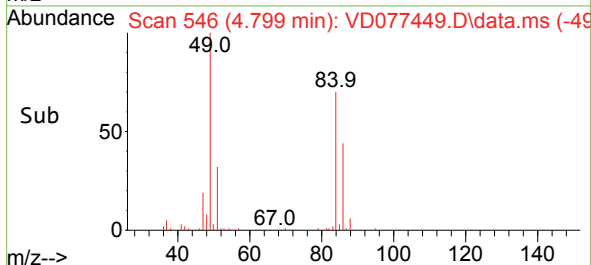
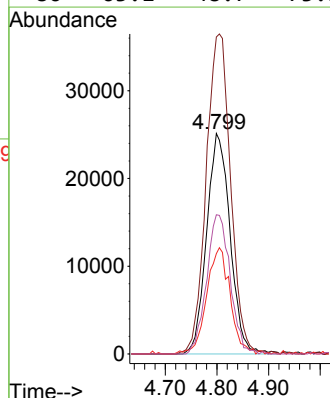
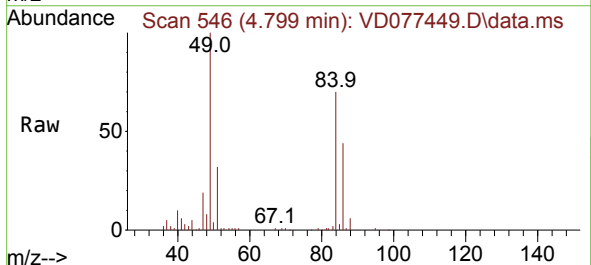
Instrument :
MSVOA_D
ClientSampleId :

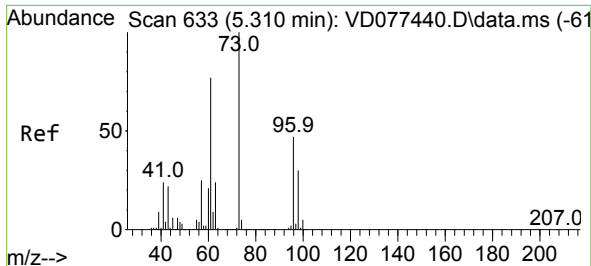
Tgt Ion: 73 Resp: 37627
Ion Ratio Lower Upper
73 100
57 24.1 16.6 25.0



#20
Methylene Chloride
Concen: 16.165 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

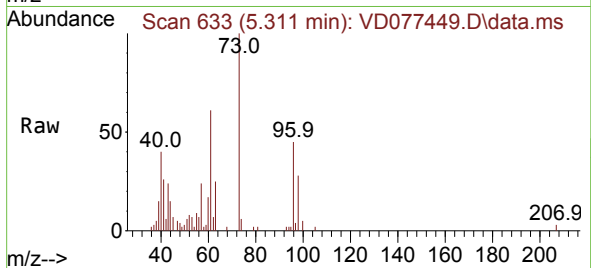
Tgt Ion: 84 Resp: 79439
Ion Ratio Lower Upper
84 100
49 143.7 71.4 107.2#
51 45.5 24.5 36.7#
86 63.1 48.7 73.1



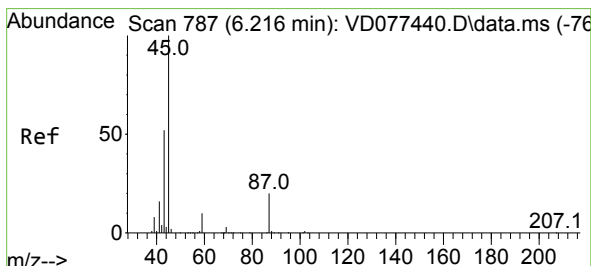
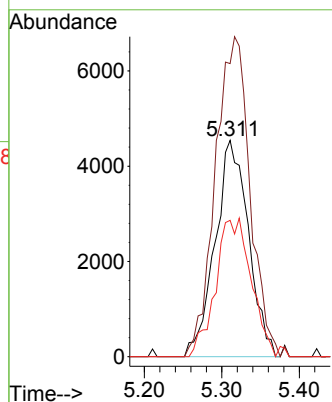
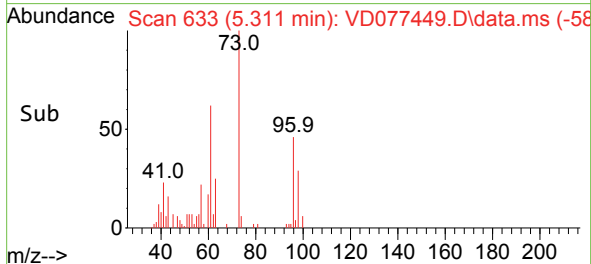


#21
trans-1,2-Dichloroethene
Concen: 3.681 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

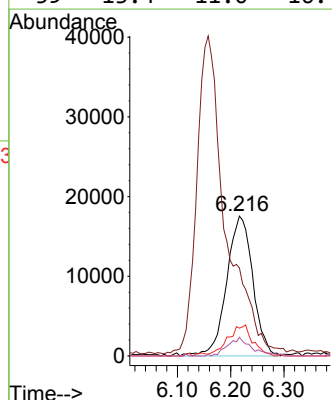
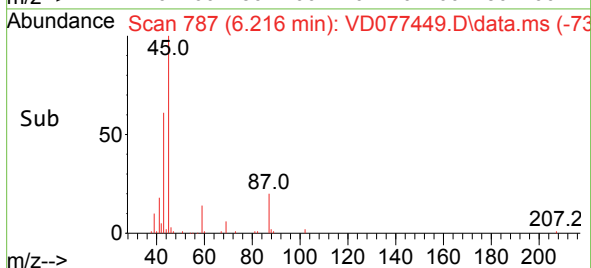
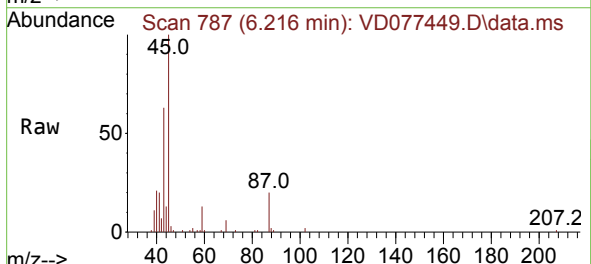


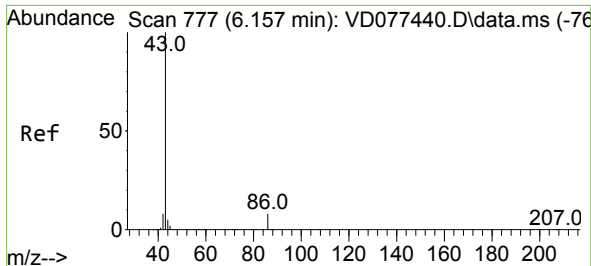
Tgt Ion: 96 Resp: 13590
Ion Ratio Lower Upper
96 100
61 135.5 89.3 133.9#
98 63.0 48.6 73.0



#22
Diisopropyl ether
Concen: 3.688 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 45 Resp: 59935
Ion Ratio Lower Upper
45 100
43 58.1 40.0 60.0
87 19.9 28.2 42.4#
59 13.4 11.0 16.4

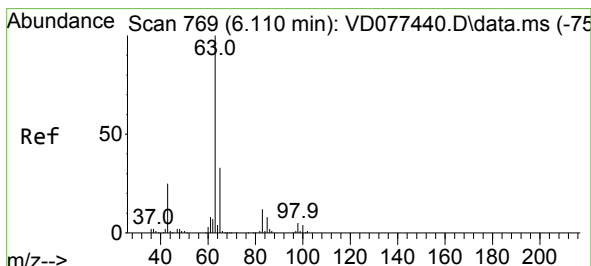
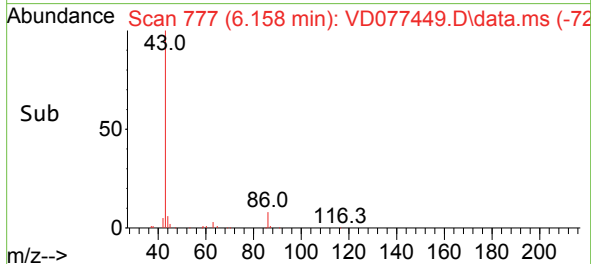
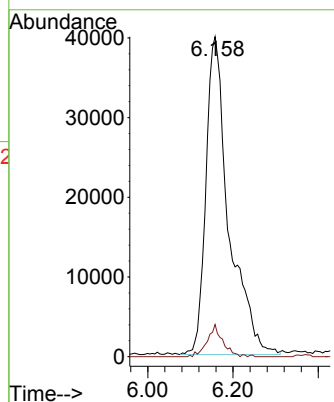
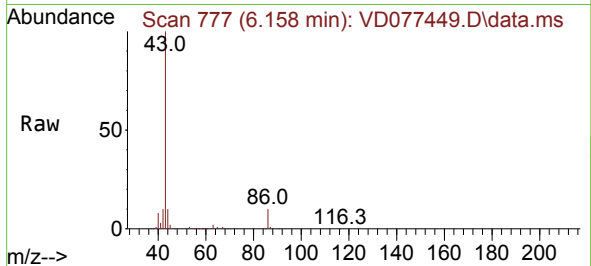




#23
 Vinyl Acetate
 Concen: 21.289 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

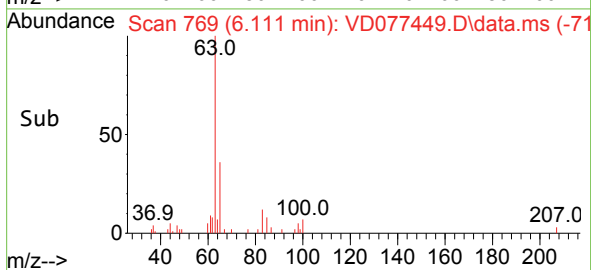
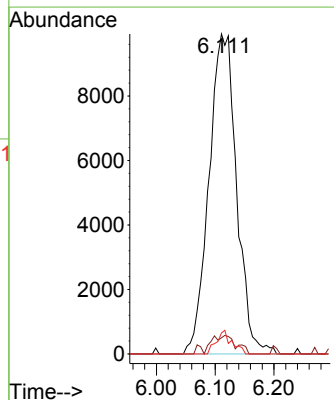
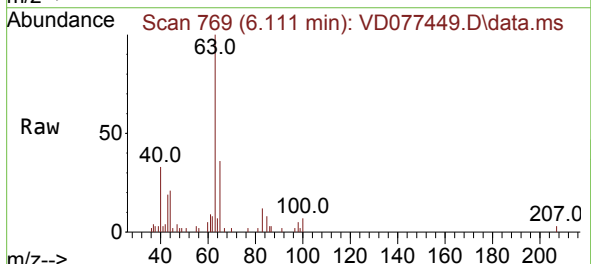
Instrument :
 MSVOA_D
 ClientSampleId :

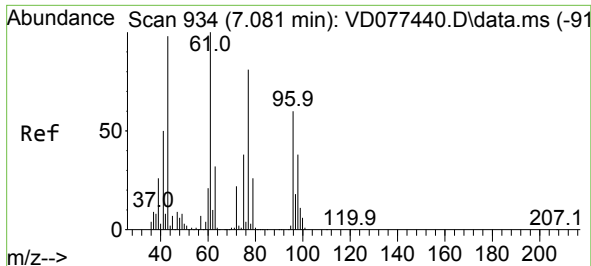
Tgt Ion: 43 Resp: 149260
 Ion Ratio Lower Upper
 43 100
 86 10.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 3.853 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

Tgt Ion: 63 Resp: 32495
 Ion Ratio Lower Upper
 63 100
 98 5.0 4.5 13.7
 100 6.6 2.5 7.5





#25

2-Butanone

Concen: 20.127 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

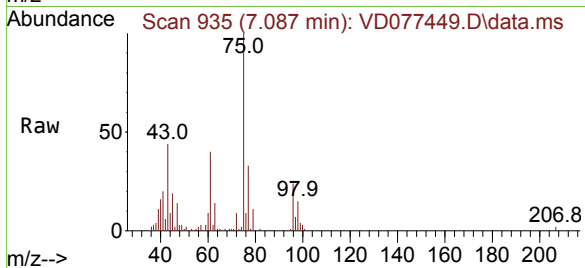
Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

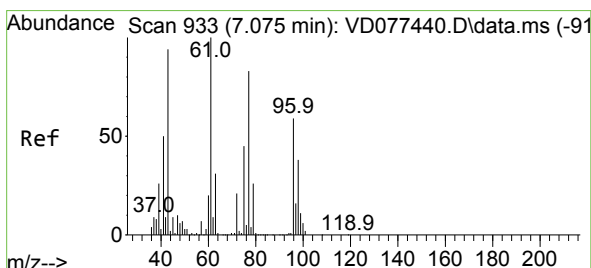
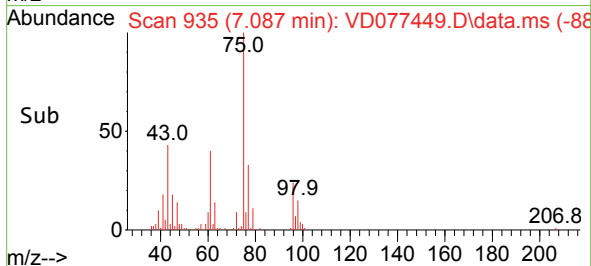
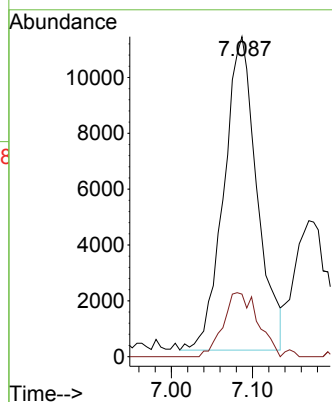


Tgt Ion: 43 Resp: 31867

Ion Ratio Lower Upper

43 100

72 20.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 4.337 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077449.D

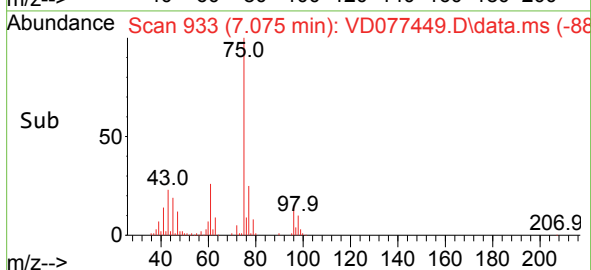
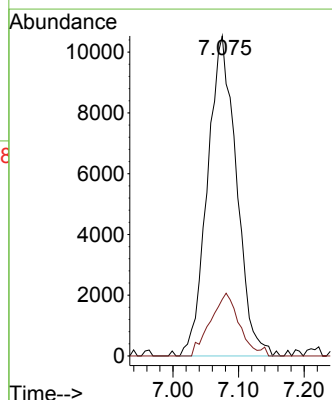
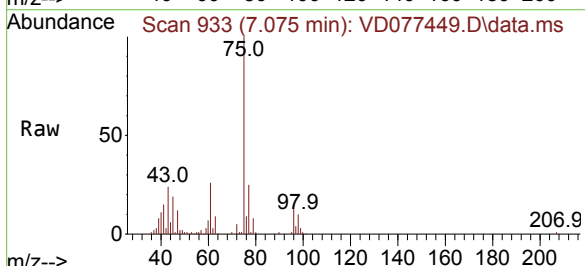
Acq: 30 Oct 2023 16:00

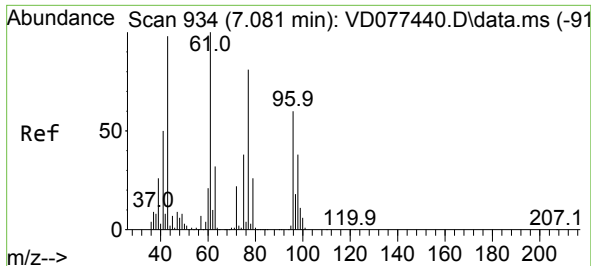
Tgt Ion: 77 Resp: 32411

Ion Ratio Lower Upper

77 100

97 19.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 3.898 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

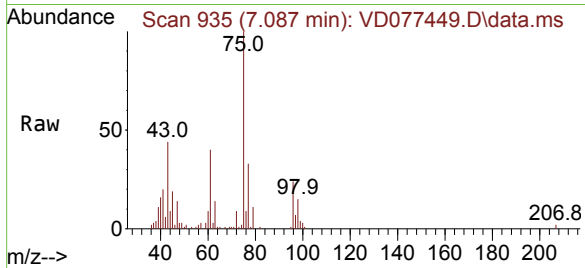
Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :



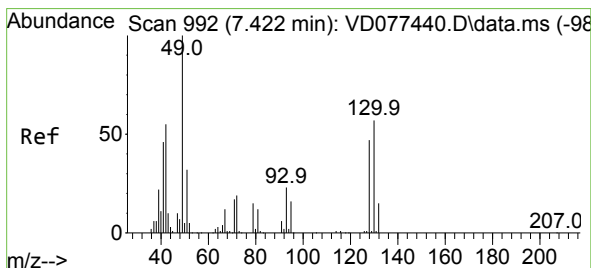
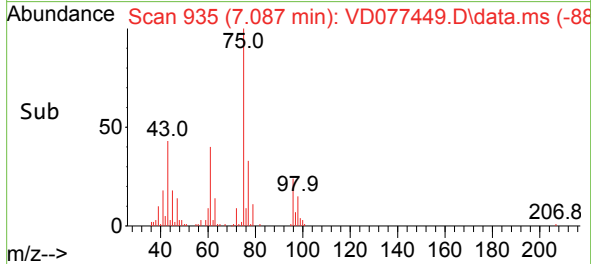
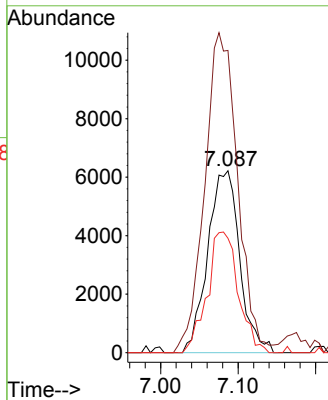
Tgt Ion: 96 Resp: 17827

Ion Ratio Lower Upper

96 100

61 180.7 0.0 239.2

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 5.178 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

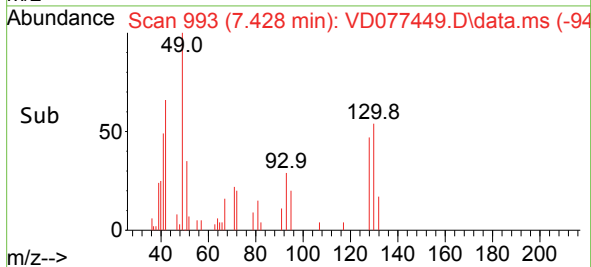
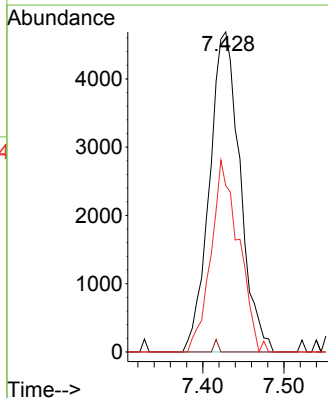
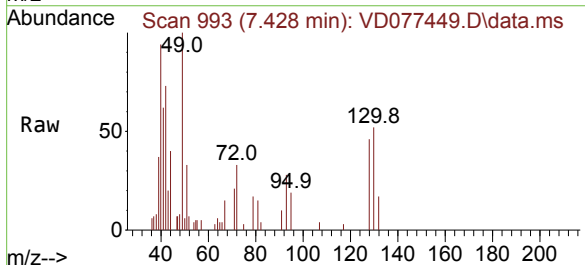
Tgt Ion: 49 Resp: 12260

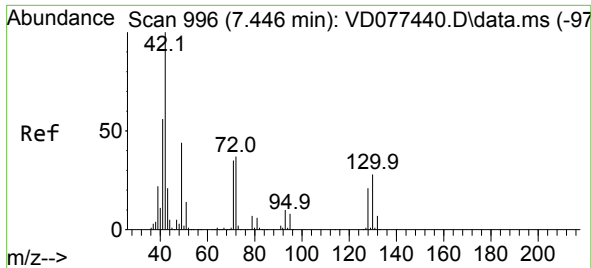
Ion Ratio Lower Upper

49 100

129 0.5 0.0 6.0

130 54.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 17.706 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077449.D

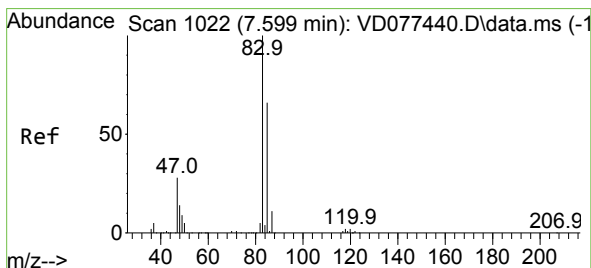
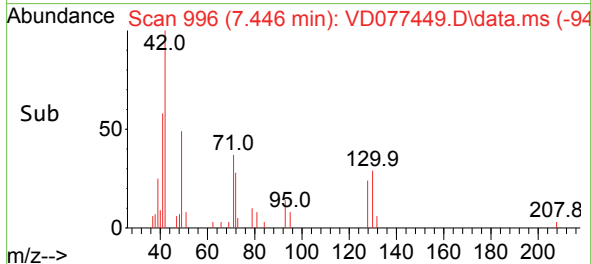
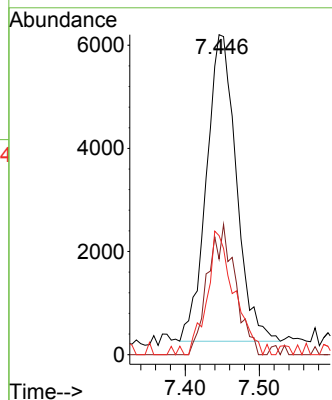
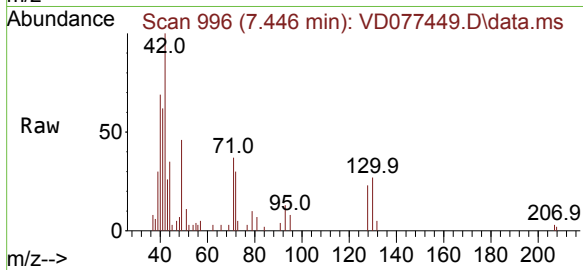
Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	16627
Ion	Ratio	Lower	Upper
42	100		
72	38.8	46.5	69.7#
71	36.8	44.5	66.7#



#30

Chloroform

Concen: 3.828 ug/l

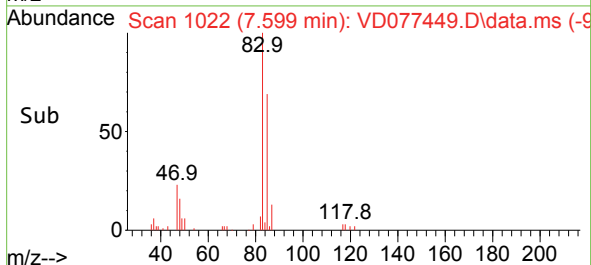
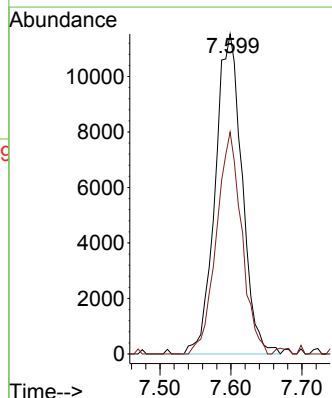
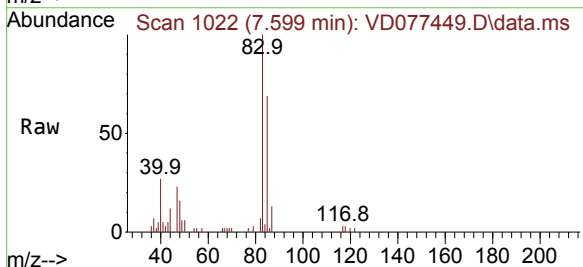
RT: 7.599 min Scan# 1022

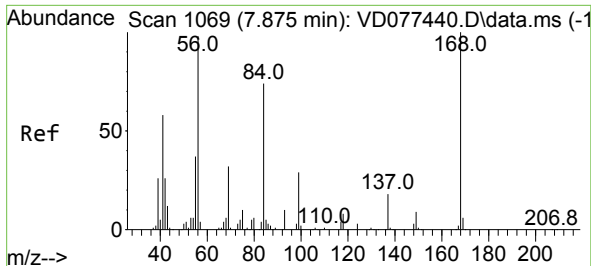
Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

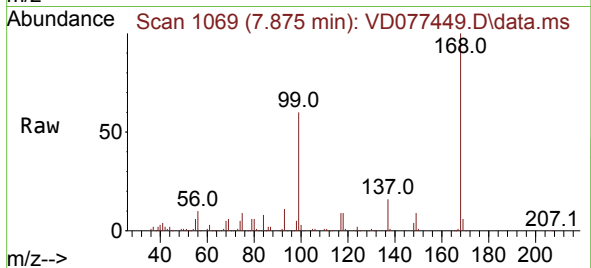
Tgt Ion:	83	Resp:	30141
Ion	Ratio	Lower	Upper
83	100		
85	69.3	53.4	80.2



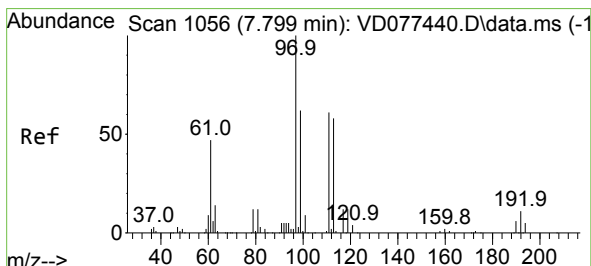
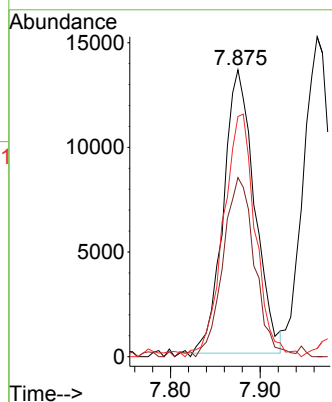
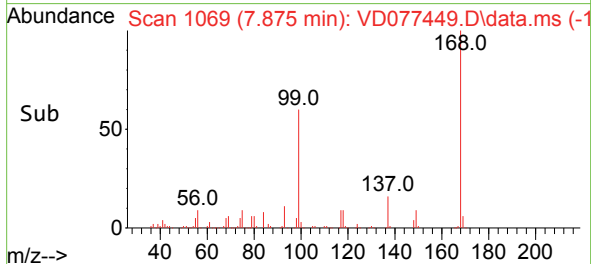


#31
Cyclohexane
Concen: 4.668 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

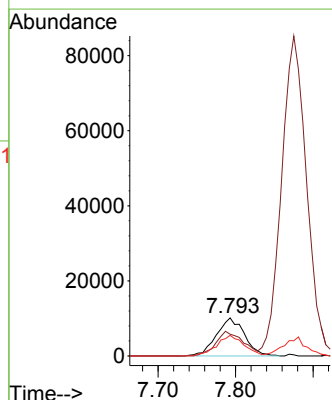
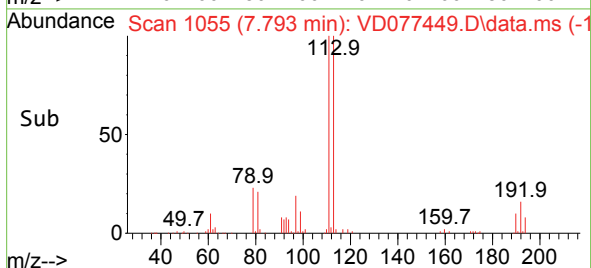
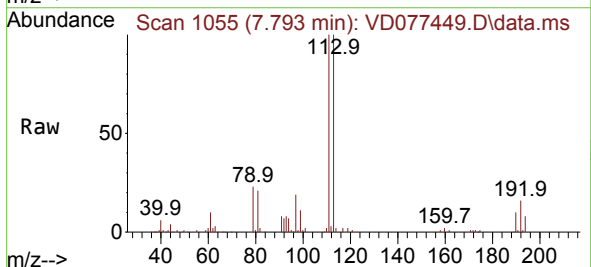


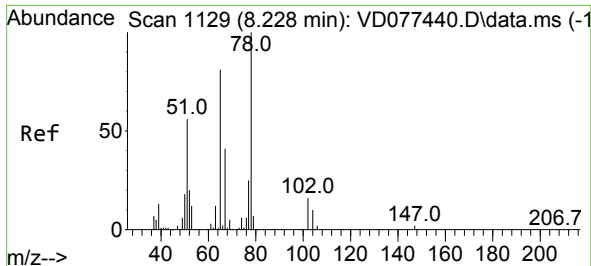
Tgt Ion: 56 Resp: 32732
Ion Ratio Lower Upper
56 100
69 61.4 28.6 43.0#
84 83.3 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 3.942 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 97 Resp: 25571
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 52.2 33.8 50.8#





#33

1,2-Dichloroethane-d4

Concen: 45.802 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

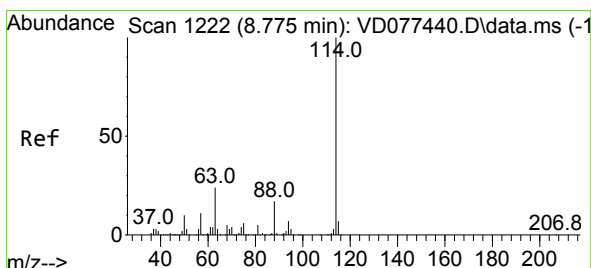
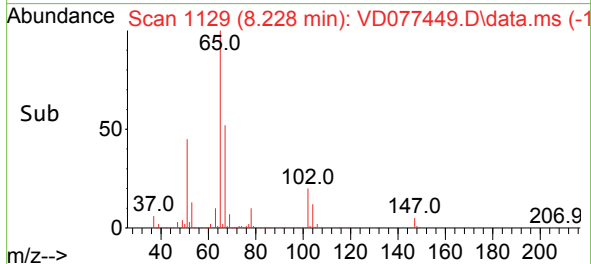
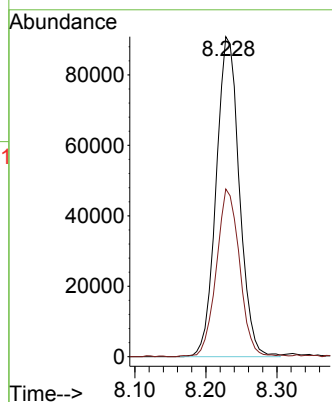
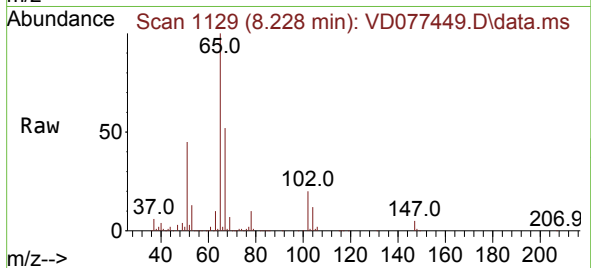
ClientSampleId :

Tgt Ion: 65 Resp: 205468

Ion Ratio Lower Upper

65 100

67 52.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

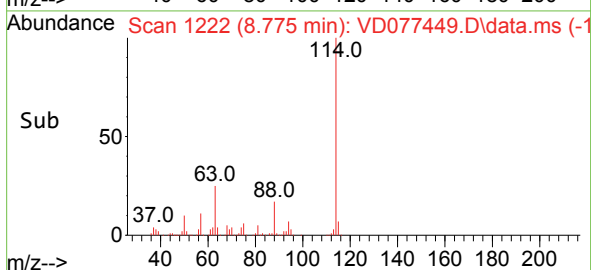
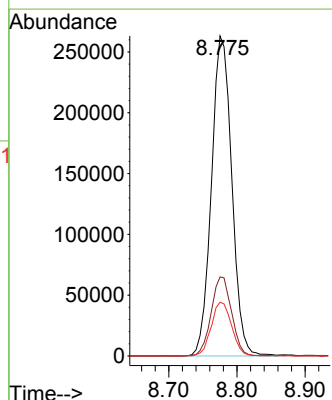
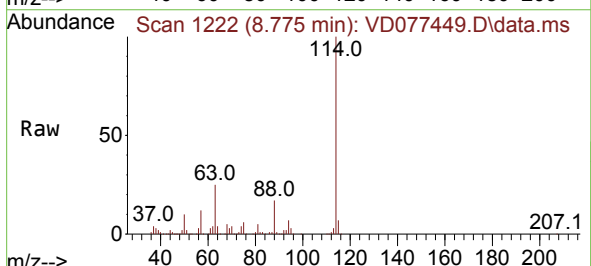
Tgt Ion: 114 Resp: 547120

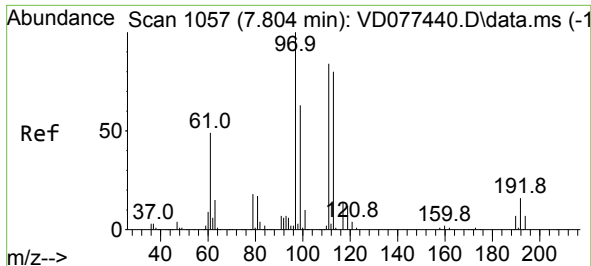
Ion Ratio Lower Upper

114 100

63 24.7 0.0 33.4

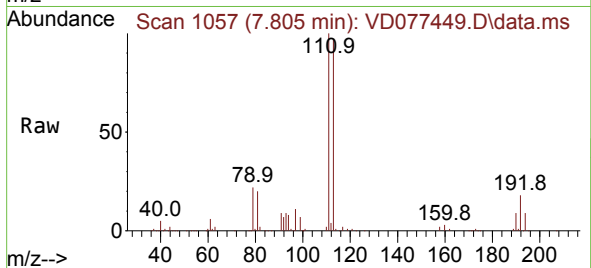
88 16.8 0.0 26.2



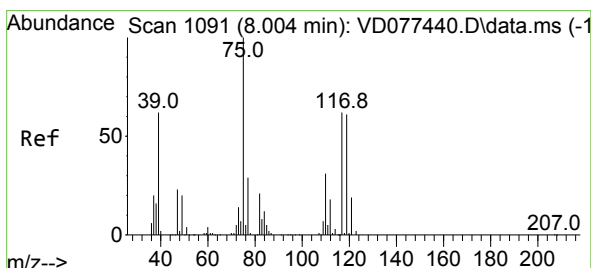
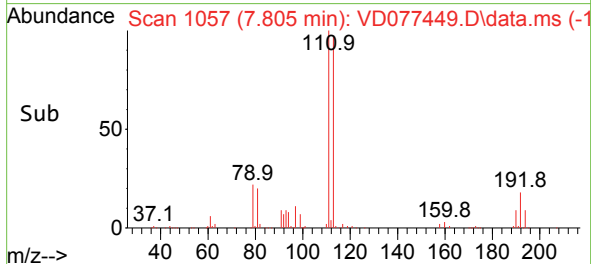
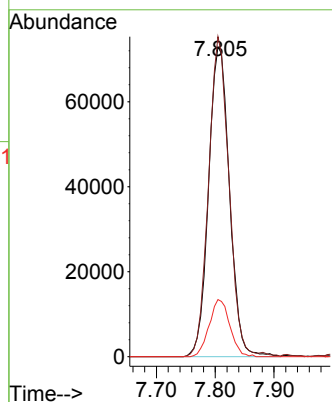


#35
Dibromofluoromethane
Concen: 47.636 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

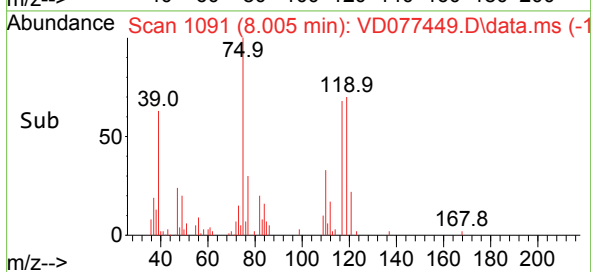
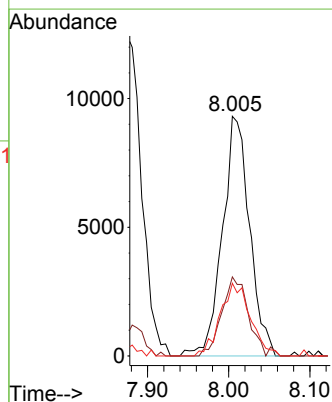
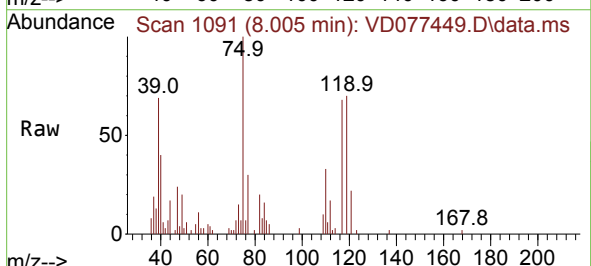


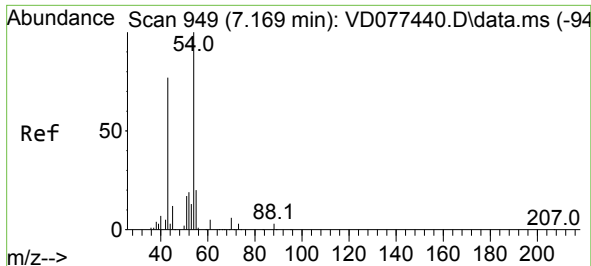
Tgt Ion:113 Resp: 180135
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.860 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

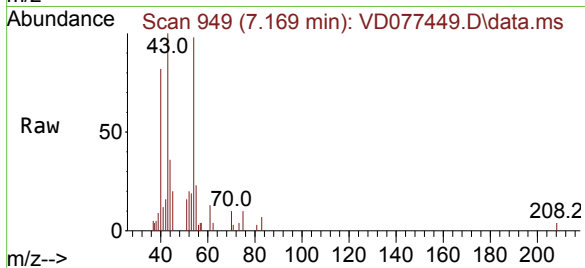
Tgt Ion: 75 Resp: 21642
Ion Ratio Lower Upper
75 100
110 32.7 19.9 59.6
77 33.6 24.7 37.1



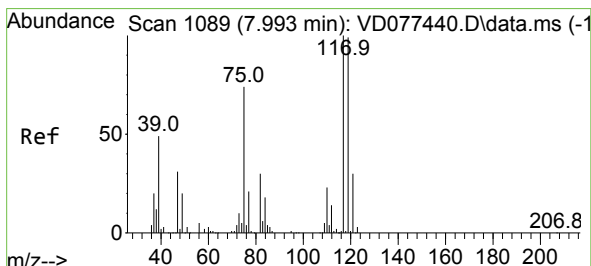
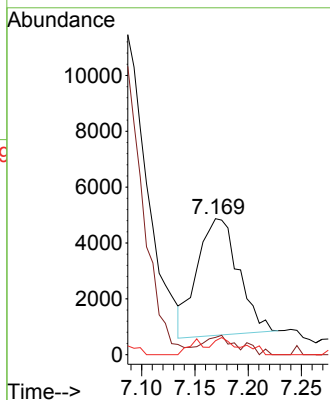
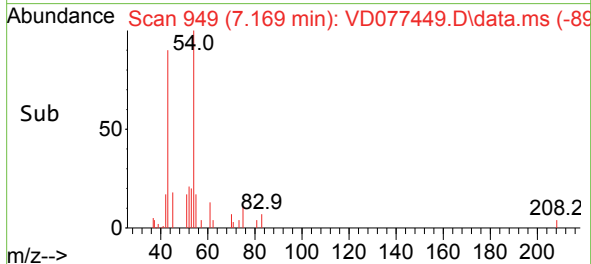


#37
Ethyl Acetate
Concen: 3.515 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

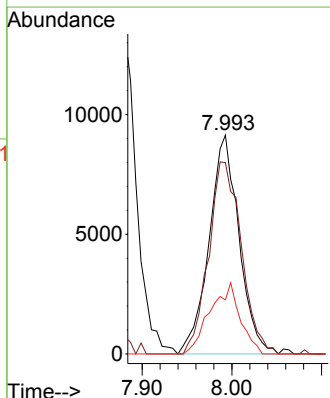
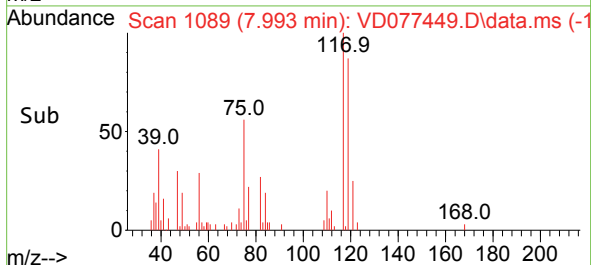
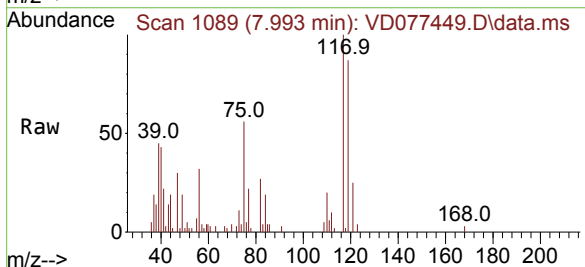


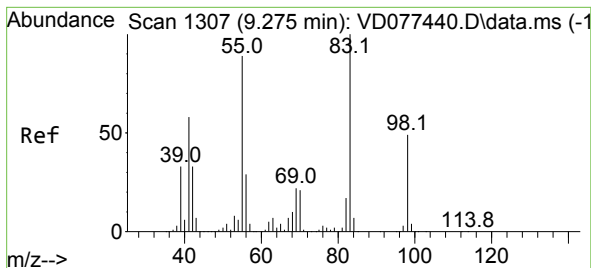
Tgt Ion: 43 Resp: 11311
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 3.5 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.014 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 117 Resp: 21209
Ion Ratio Lower Upper
117 100
119 87.5 78.0 117.0
121 24.7 24.2 36.2





#39

Methylcyclohexane

Concen: 3.837 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077449.D

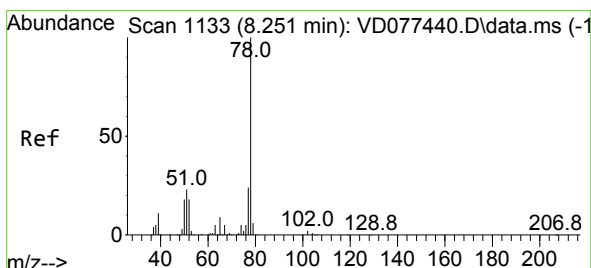
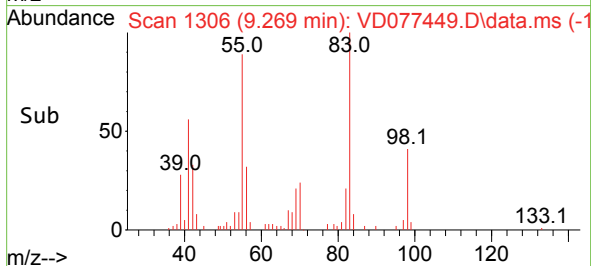
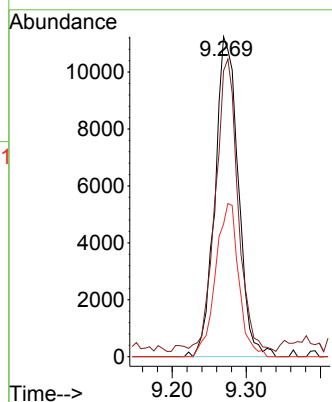
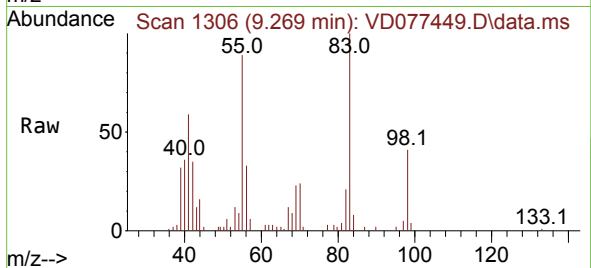
Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	24543
Ion	Ratio	Lower	Upper
83	100		
55	85.9	49.4	74.0#
98	41.5	38.4	57.6



#40

Benzene

Concen: 3.844 ug/l

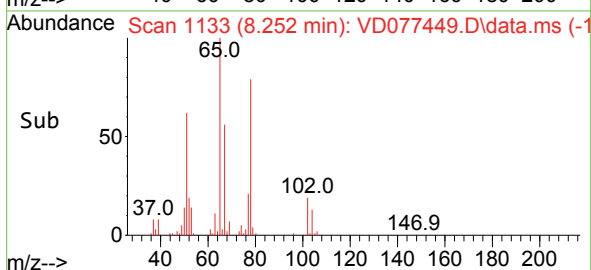
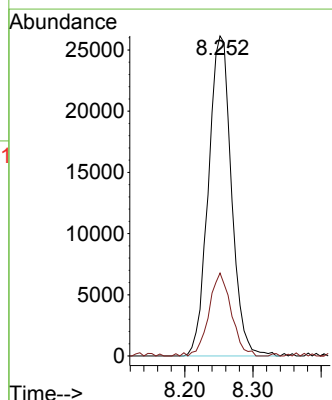
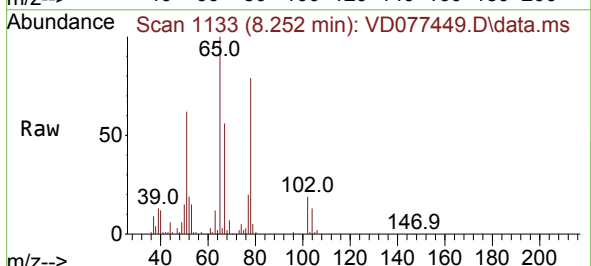
RT: 8.252 min Scan# 1133

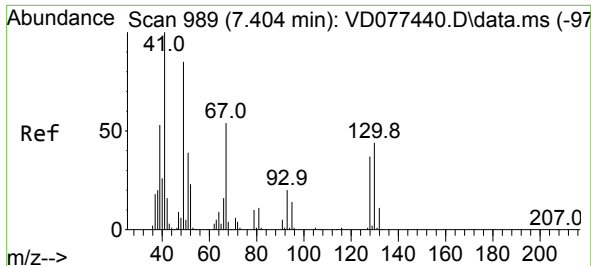
Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

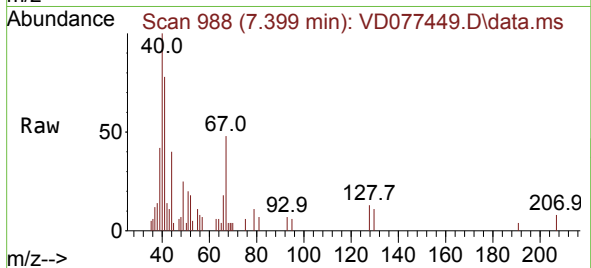
Tgt Ion:	78	Resp:	61450
Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.4	29.0



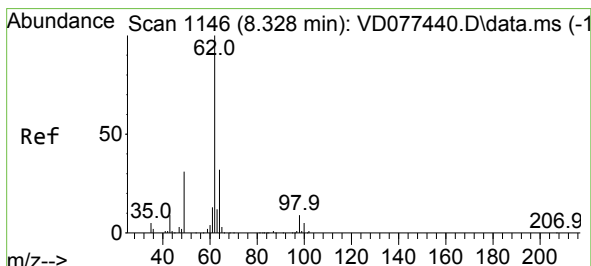
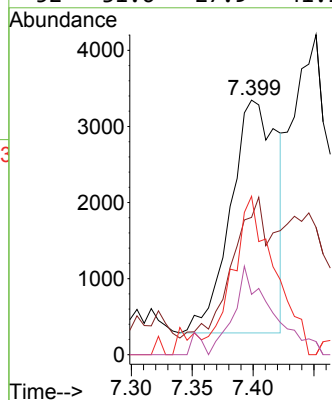
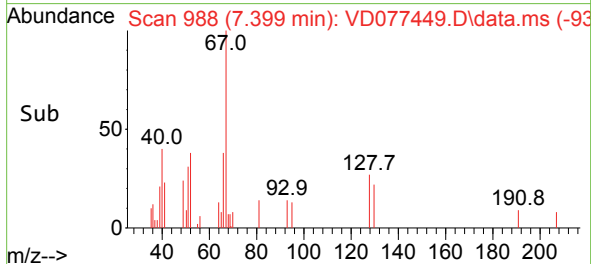


#41
Methacrylonitrile
Concen: 3.932 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

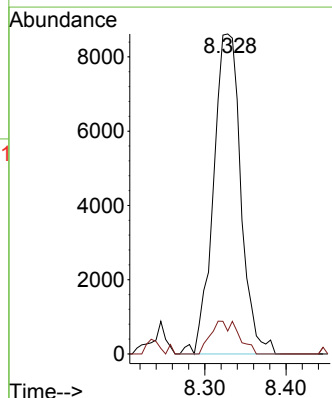
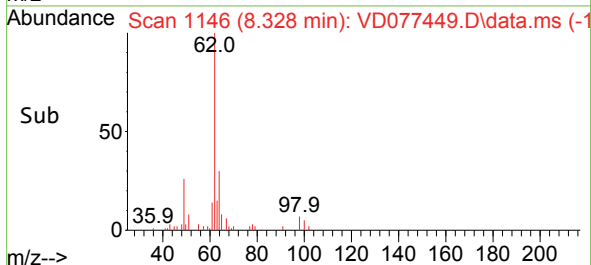
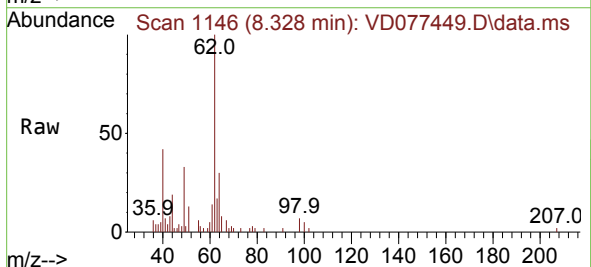


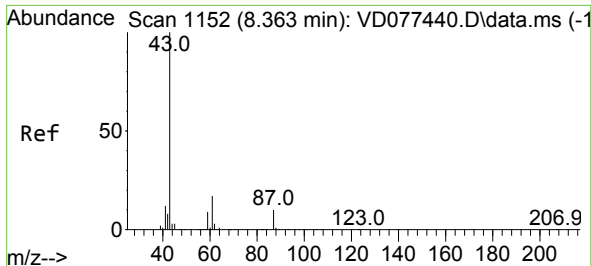
Tgt Ion:	41	Resp:	8095
Ion	Ratio	Lower	Upper
41	100		
39	48.2	34.0	51.0
67	61.8	77.0	115.4
52	31.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 4.002 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion:	62	Resp:	20263
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	25.4

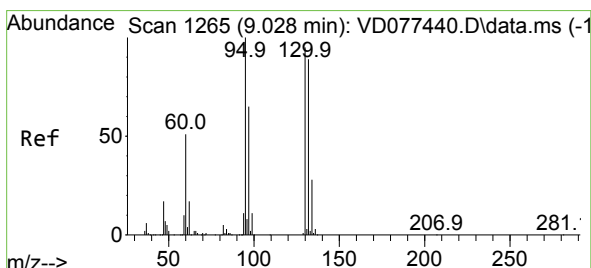
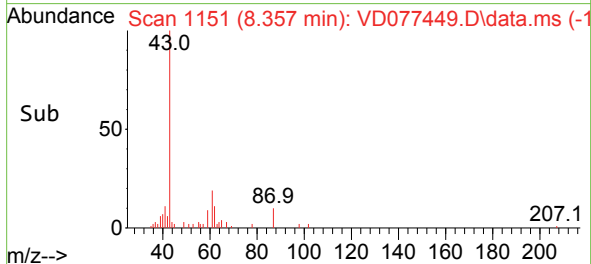
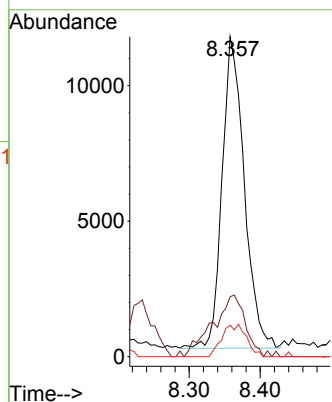
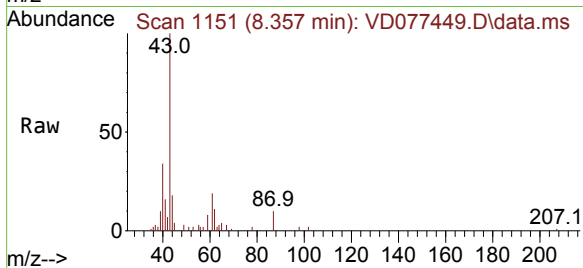




#43
Isopropyl Acetate
Concen: 3.748 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

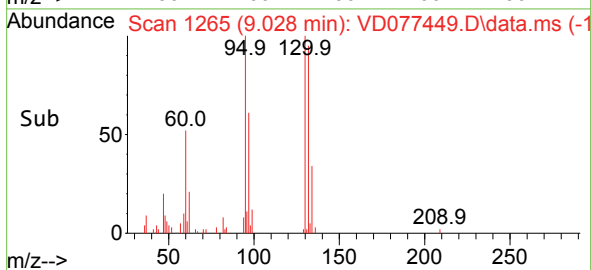
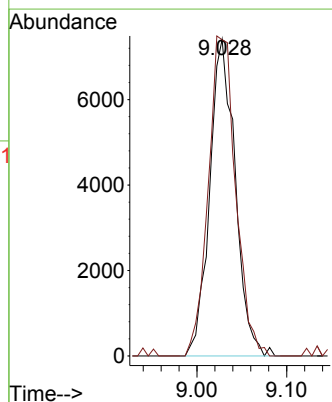
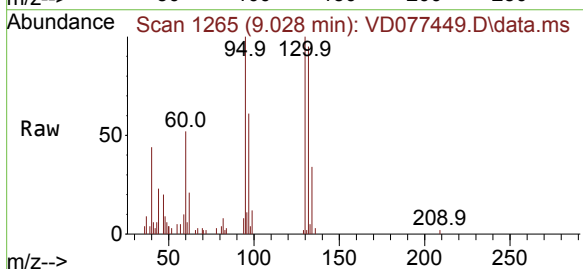
Instrument :
MSVOA_D
ClientSampleId :

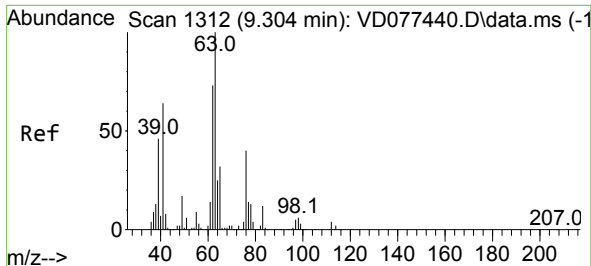
Tgt Ion: 43 Resp: 24889
Ion Ratio Lower Upper
43 100
61 29.2 31.4 47.0#
87 11.4 14.9 22.3#



#44
Trichloroethene
Concen: 3.735 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion:130 Resp: 14625
Ion Ratio Lower Upper
130 100
95 99.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 3.887 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

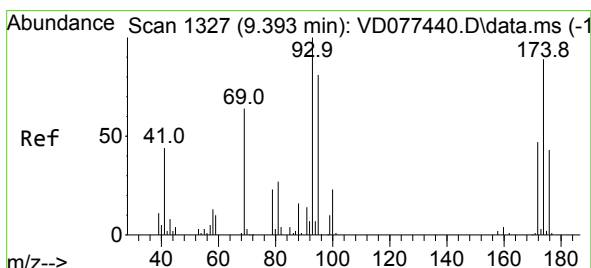
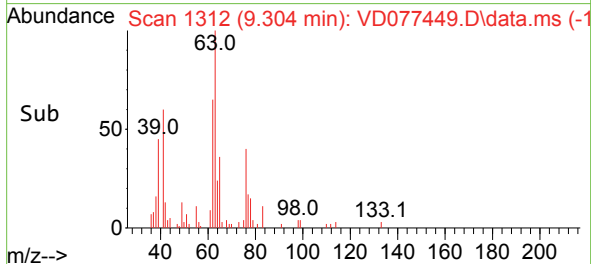
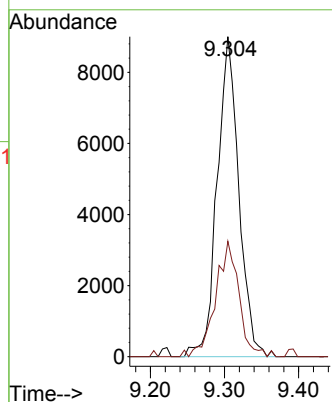
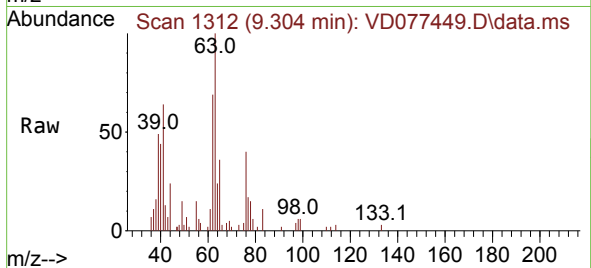
ClientSampleId :

Tgt Ion: 63 Resp: 18296

Ion Ratio Lower Upper

63 100

65 36.0 24.5 36.7



#46

Dibromomethane

Concen: 3.693 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

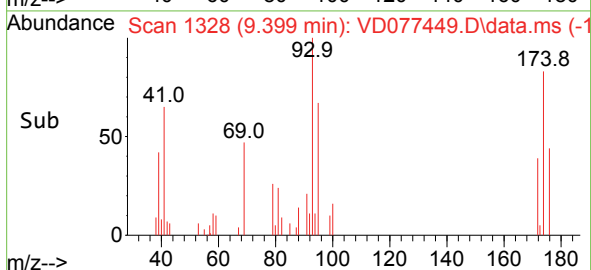
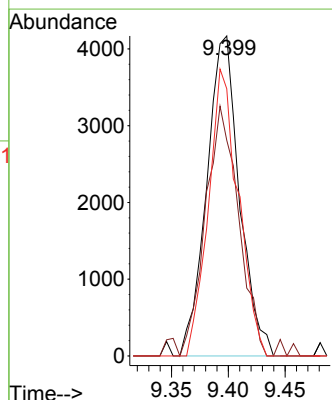
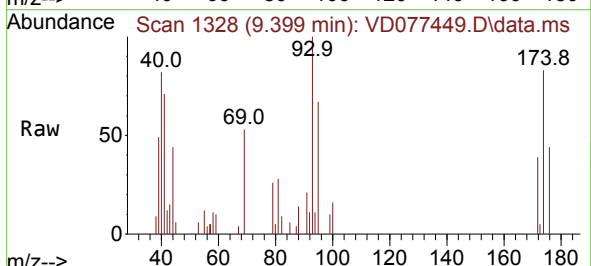
Tgt Ion: 93 Resp: 8365

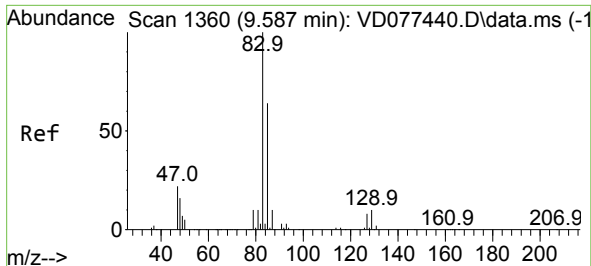
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 81.9 85.4 128.2#

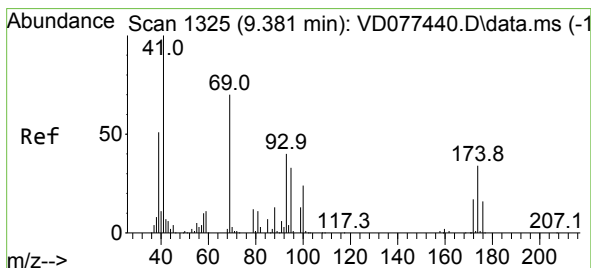
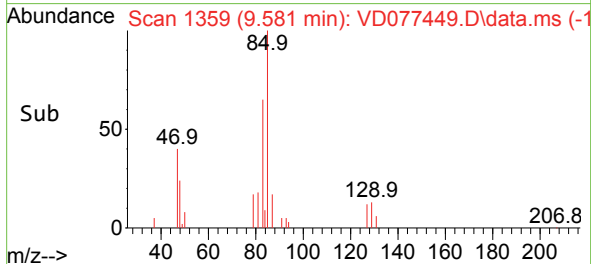
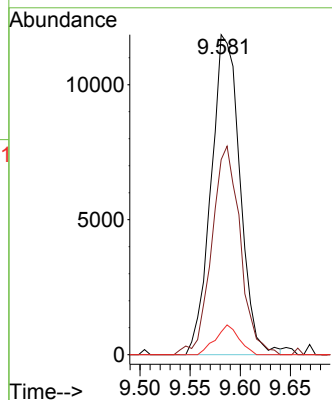
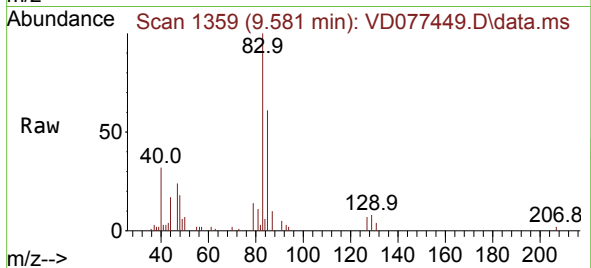




#47
Bromodichloromethane
Concen: 3.962 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

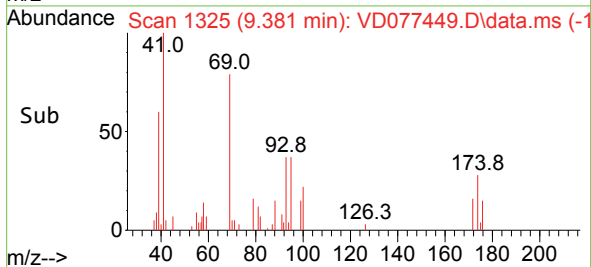
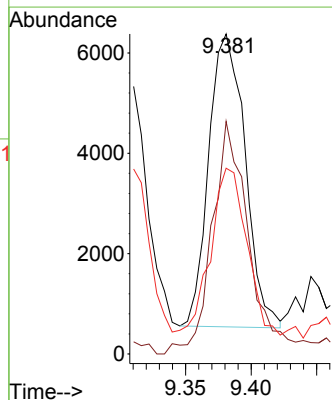
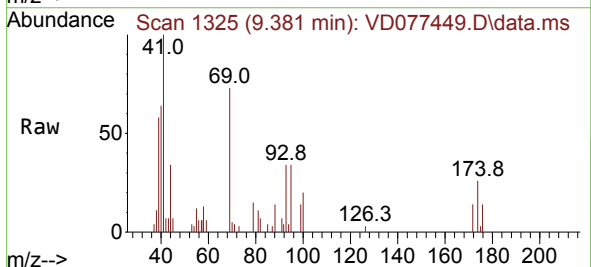
Instrument :
MSVOA_D
ClientSampleId :

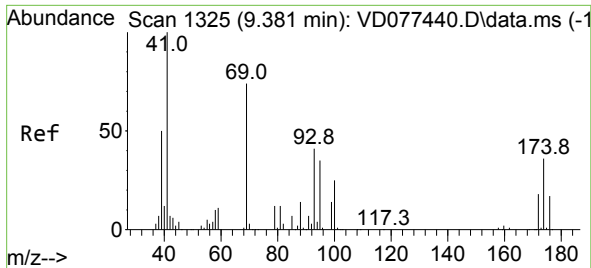
Tgt Ion: 83 Resp: 23719
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4
127 7.1 6.3 9.5



#48
Methyl methacrylate
Concen: 3.545 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 41 Resp: 11236
Ion Ratio Lower Upper
41 100
69 81.5 102.2 153.2#
39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 71.653 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

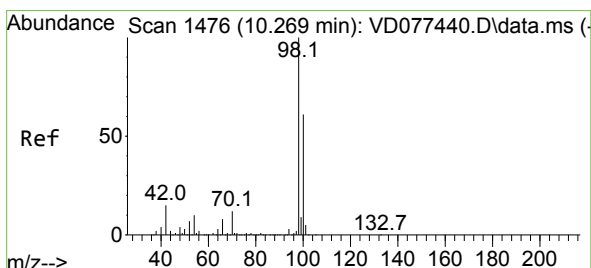
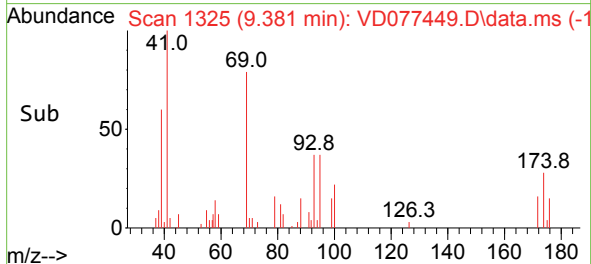
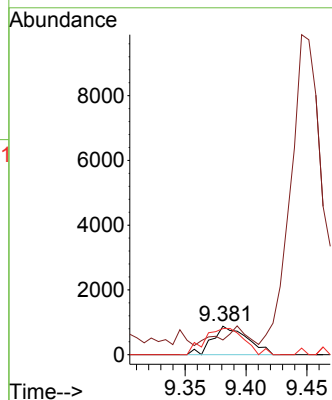
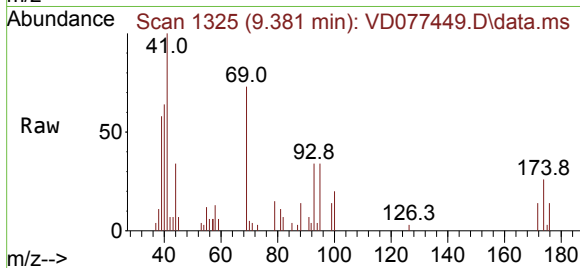
Tgt Ion: 88 Resp: 1744

Ion Ratio Lower Upper

88 100

43 49.2 19.0 28.6#

58 105.7 43.5 65.3#



#50

Toluene-d8

Concen: 47.734 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077449.D

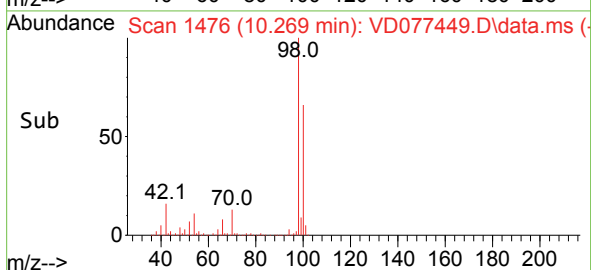
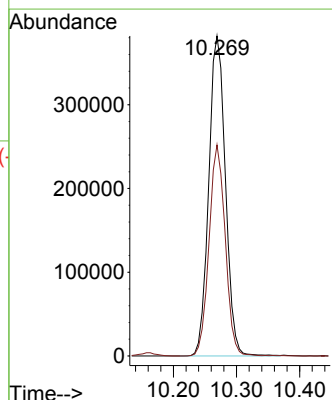
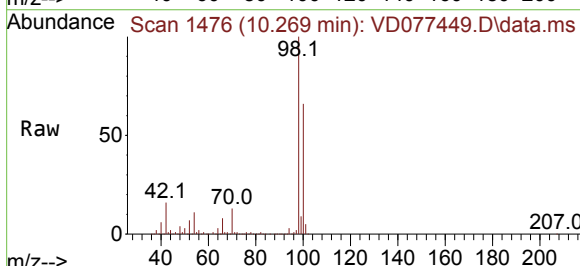
Acq: 30 Oct 2023 16:00

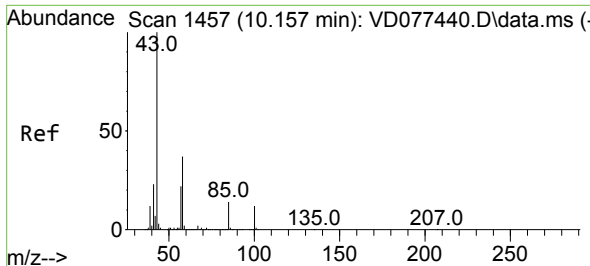
Tgt Ion: 98 Resp: 701132

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

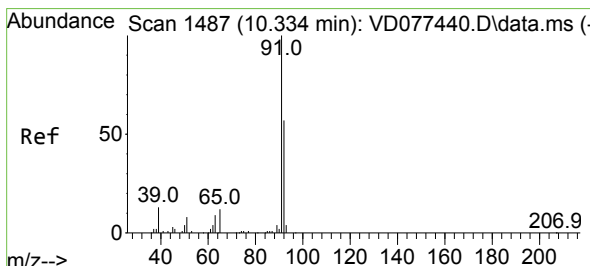
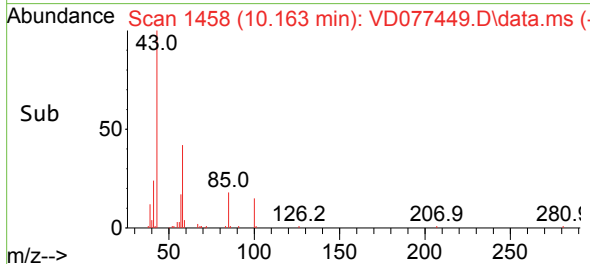
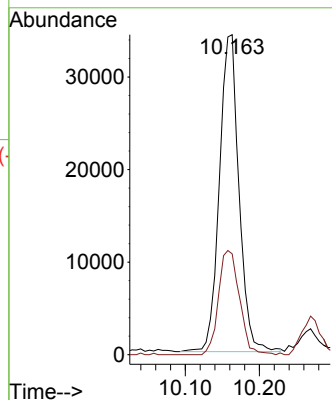
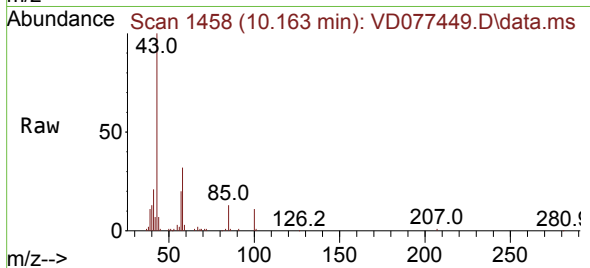




#51
4-Methyl-2-Pentanone
Concen: 19.236 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

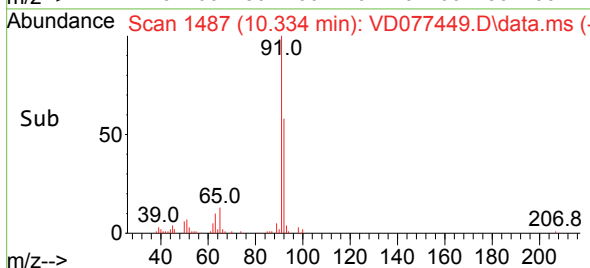
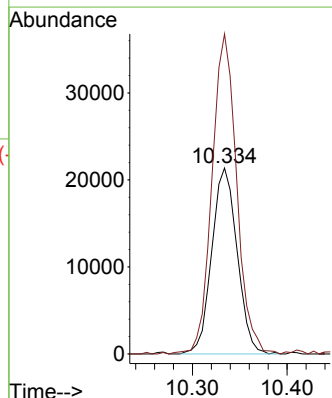
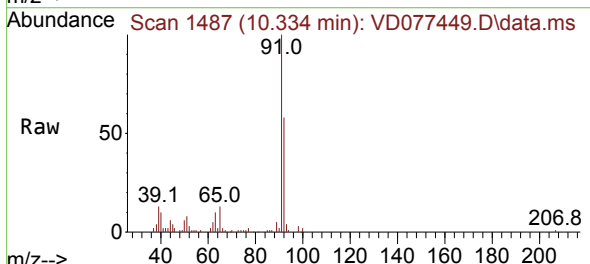
Instrument :
MSVOA_D
ClientSampleId :

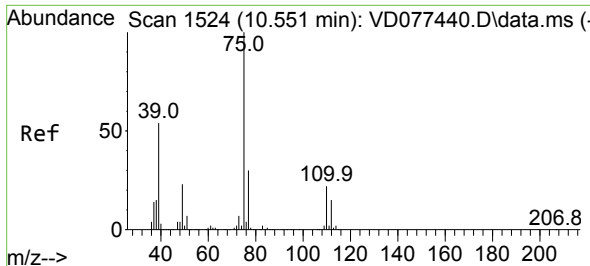
Tgt Ion: 43 Resp: 62867
Ion Ratio Lower Upper
43 100
58 35.1 38.9 58.3#



#52
Toluene
Concen: 4.078 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 92 Resp: 39743
Ion Ratio Lower Upper
92 100
91 167.8 143.0 214.4

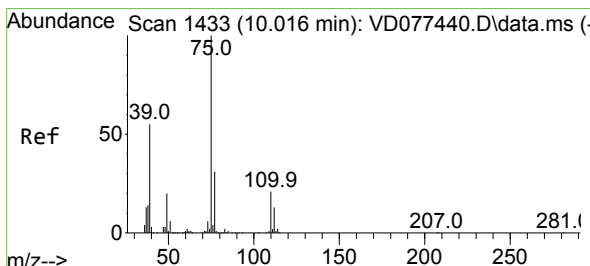
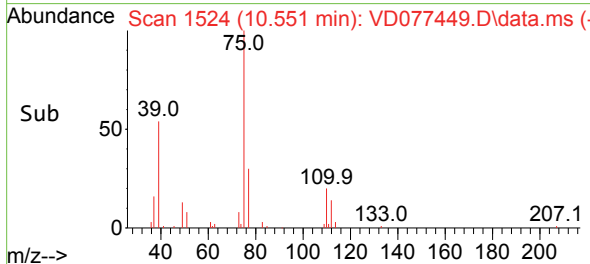
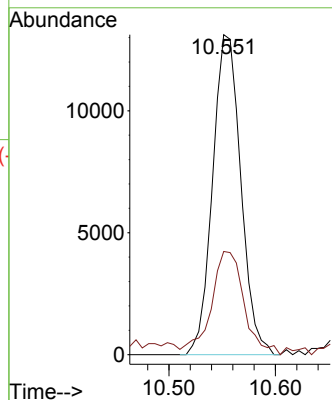
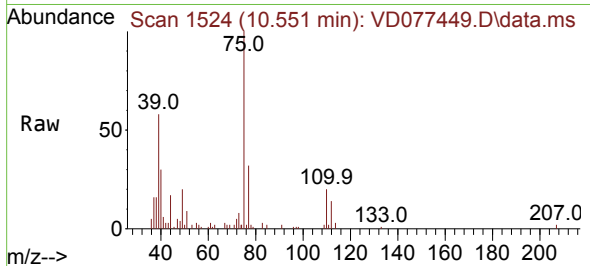




#53
 t-1,3-Dichloropropene
 Concen: 3.802 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

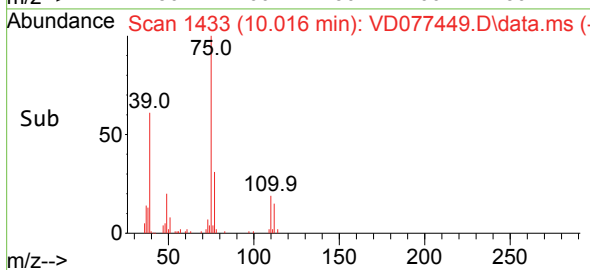
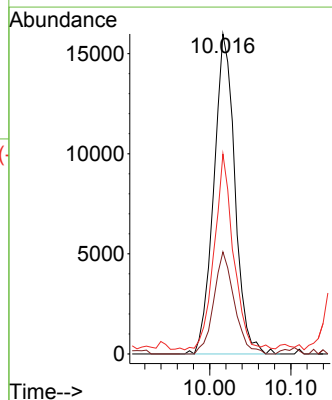
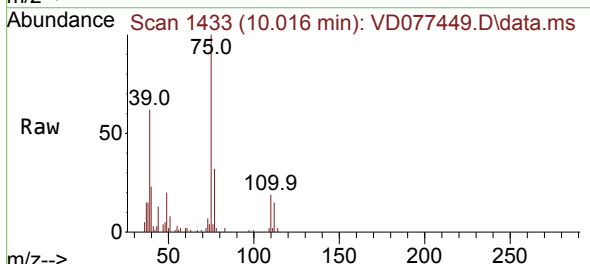
Instrument :
 MSVOA_D
 ClientSampleId :

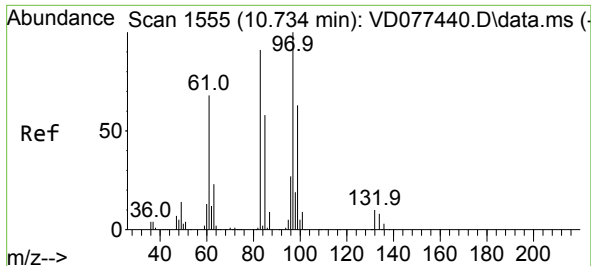
Tgt Ion: 75 Resp: 24104
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 3.956 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

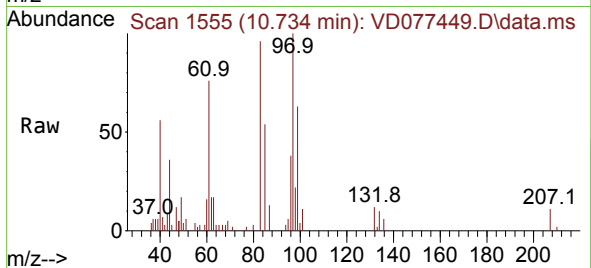
Tgt Ion: 75 Resp: 28862
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 60.6 22.1 33.1#



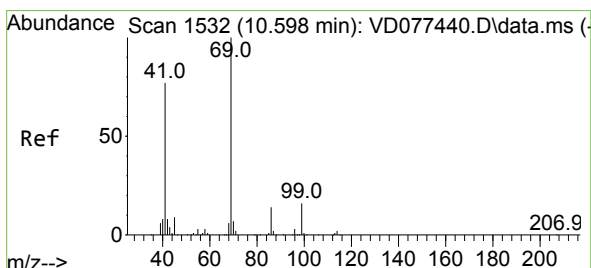
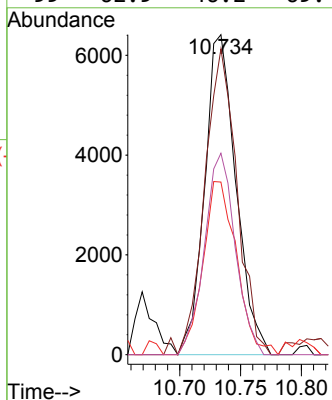
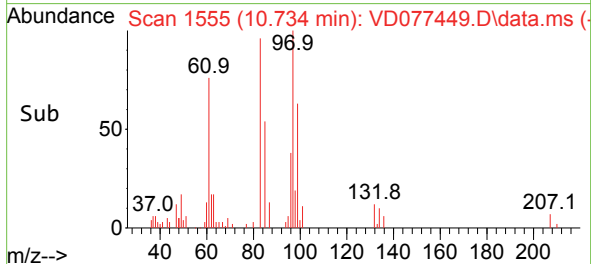


#55
1,1,2-Trichloroethane
Concen: 3.812 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

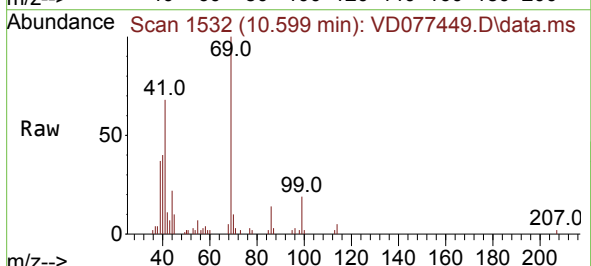
Instrument :
MSVOA_D
ClientSampleId :



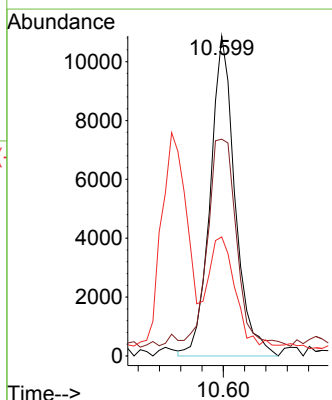
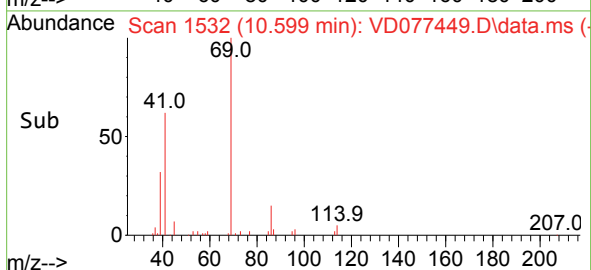
Tgt Ion:	97	Resp:	11521
Ion	Ratio	Lower	Upper
97	100		
83	95.6	65.8	98.6
85	53.9	45.7	68.5
99	62.9	46.2	69.4

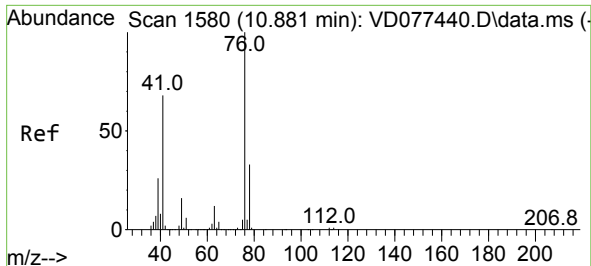


#56
Ethyl methacrylate
Concen: 3.917 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00



Tgt Ion:	69	Resp:	17600
Ion	Ratio	Lower	Upper
69	100		
41	75.2	39.1	58.7#
39	34.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 3.827 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

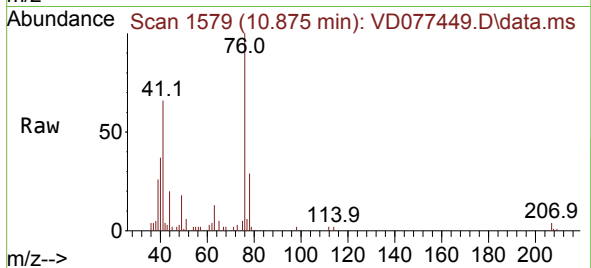
Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

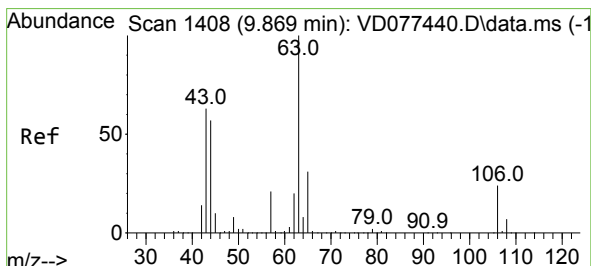
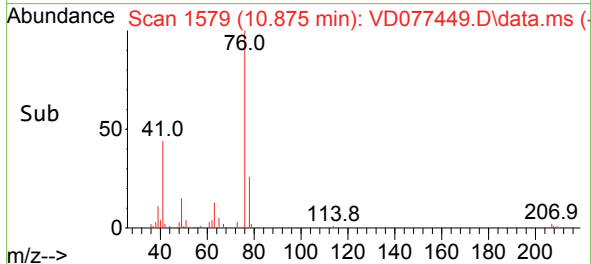
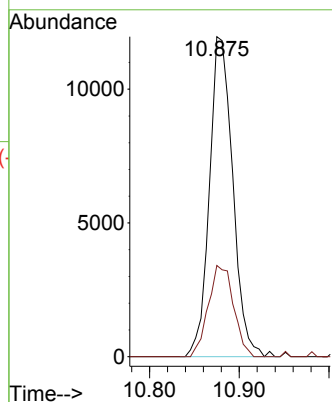


Tgt Ion: 76 Resp: 21617

Ion Ratio Lower Upper

76 100

78 30.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 18.460 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077449.D

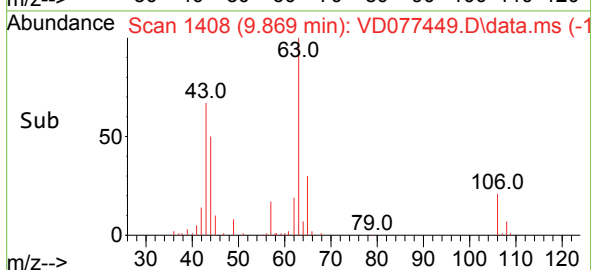
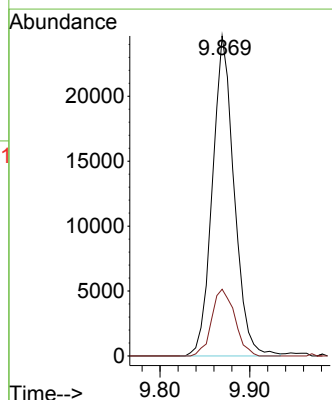
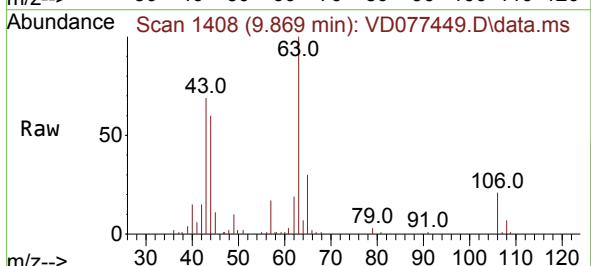
Acq: 30 Oct 2023 16:00

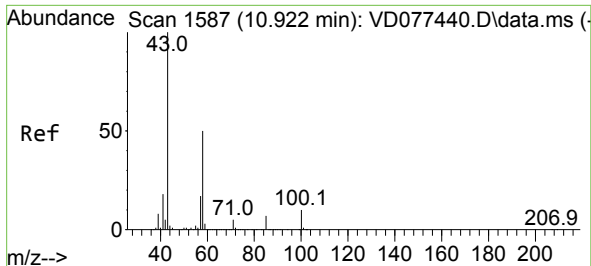
Tgt Ion: 63 Resp: 41524

Ion Ratio Lower Upper

63 100

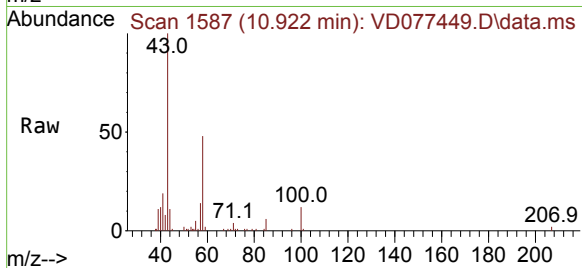
106 22.2 25.3 37.9#



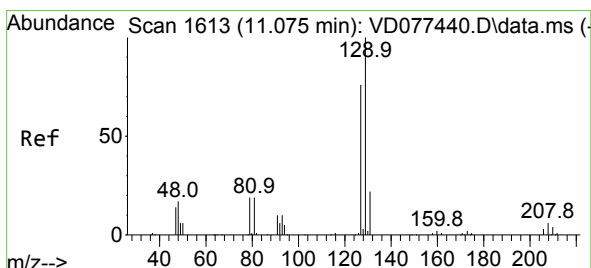
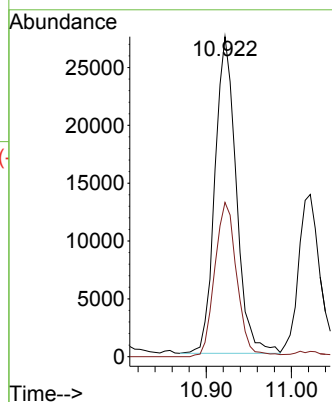
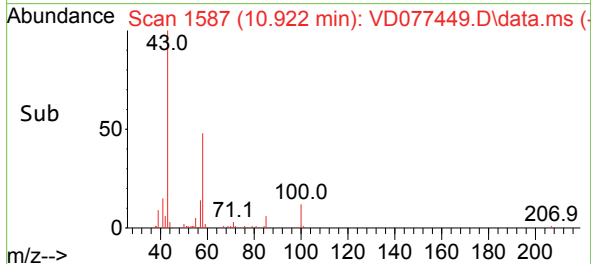


#59
2-Hexanone
Concen: 19.781 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

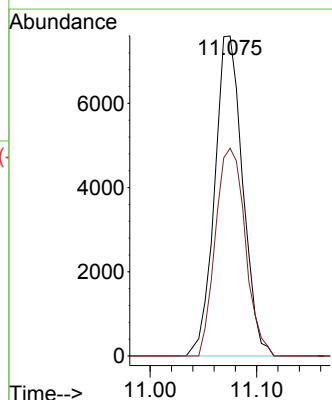
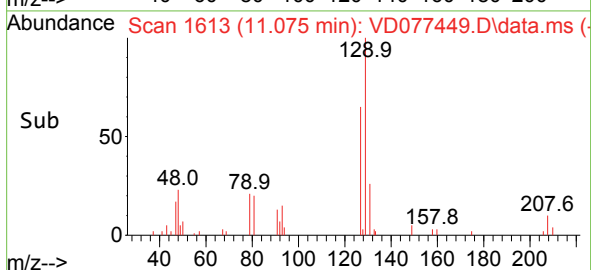
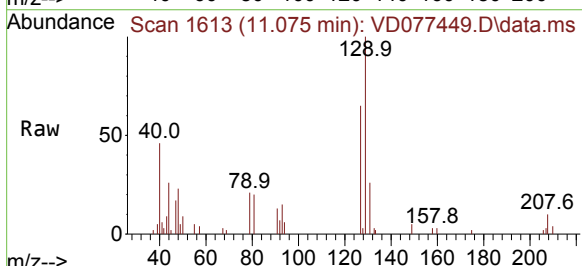


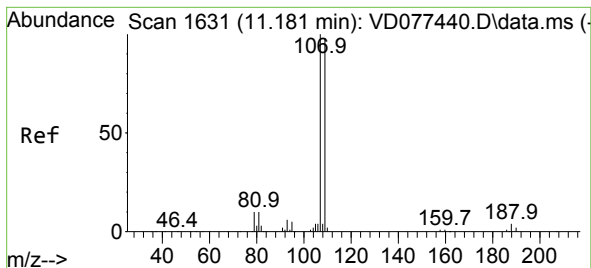
Tgt Ion: 43 Resp: 47626
Ion Ratio Lower Upper
43 100
58 50.5 34.1 102.2



#60
Dibromochloromethane
Concen: 3.817 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 129 Resp: 13872
Ion Ratio Lower Upper
129 100
127 69.0 37.1 111.5

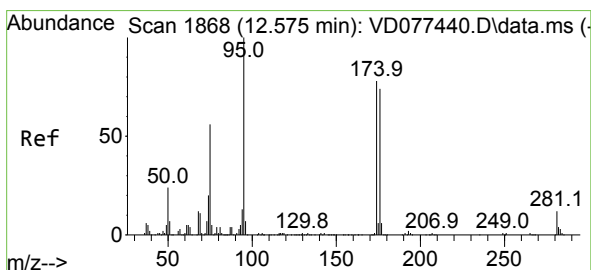
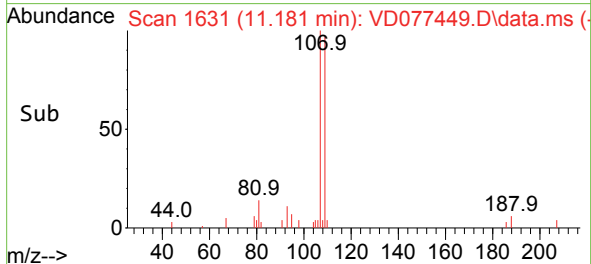
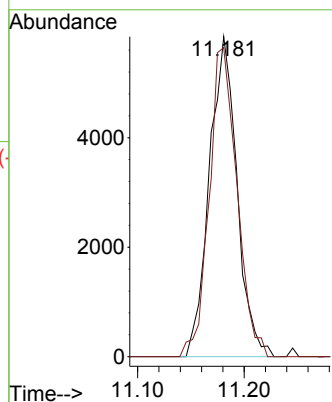
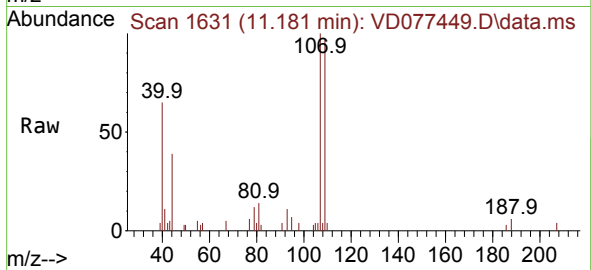




#61
1,2-Dibromoethane
Concen: 3.677 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

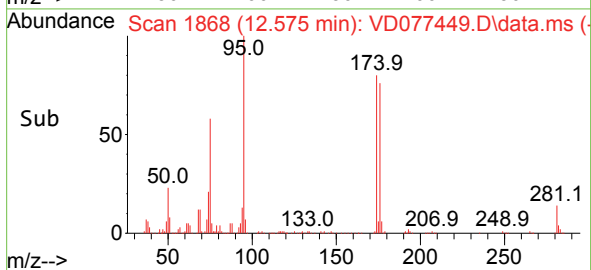
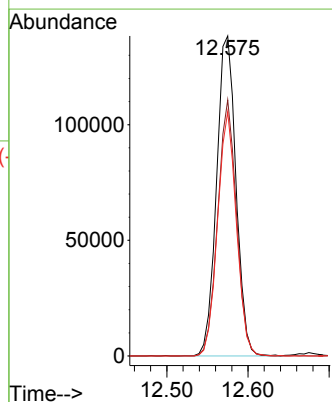
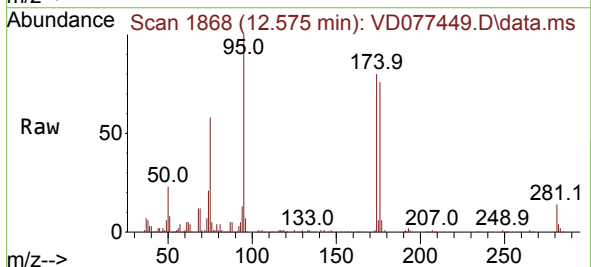
Instrument :
MSVOA_D
ClientSampleId :

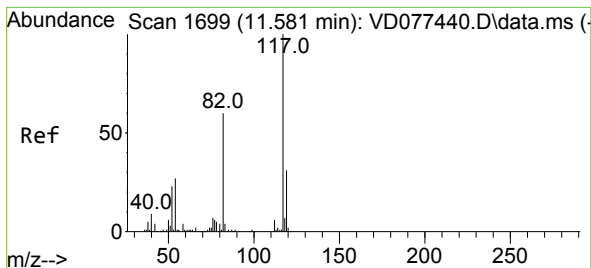
Tgt Ion:107 Resp: 10524
Ion Ratio Lower Upper
107 100
109 97.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 95 Resp: 230597
Ion Ratio Lower Upper
95 100
174 77.3 0.0 201.8
176 73.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

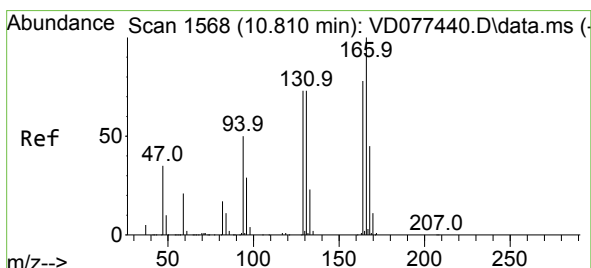
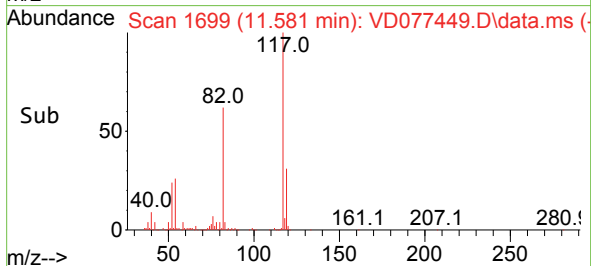
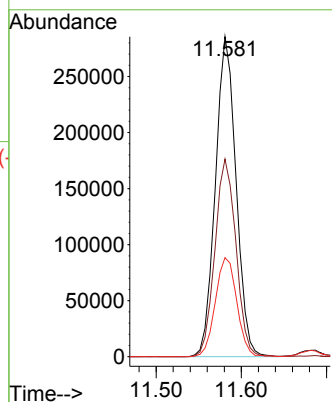
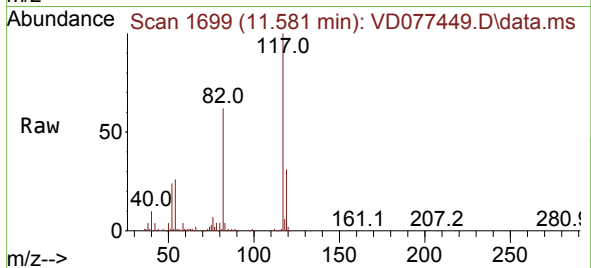
Tgt Ion:117 Resp: 480701

Ion Ratio Lower Upper

117 100

82 61.7 38.3 57.5#

119 31.0 25.0 37.4



#64

Tetrachloroethene

Concen: 3.833 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Tgt Ion:164 Resp: 11730

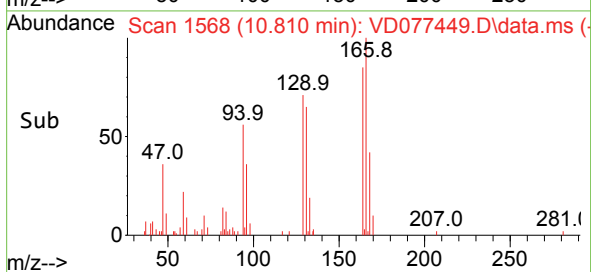
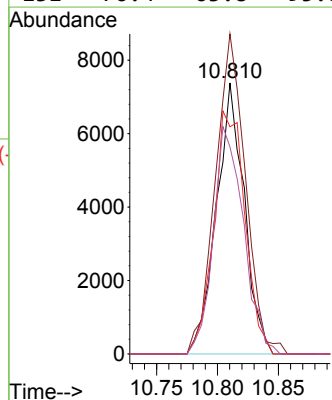
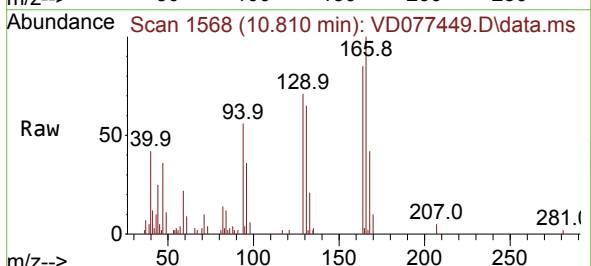
Ion Ratio Lower Upper

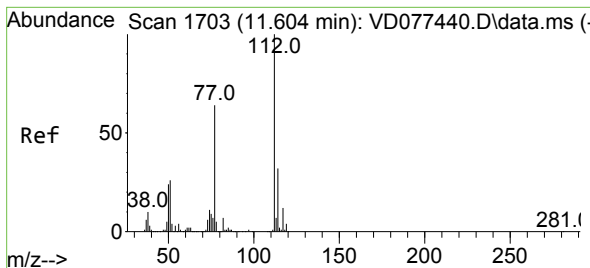
164 100

166 118.1 99.2 148.8

129 83.8 68.4 102.6

131 76.4 63.8 95.8





#65

Chlorobenzene

Concen: 3.888 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

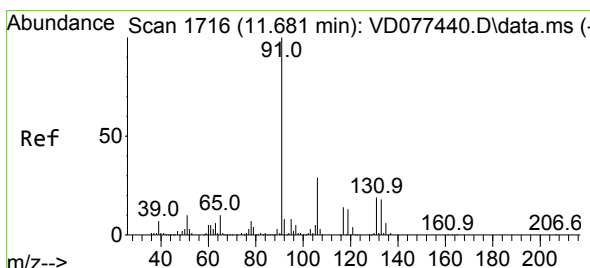
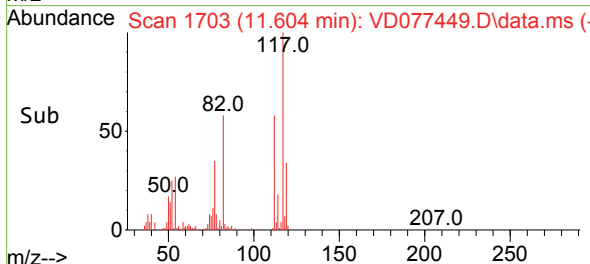
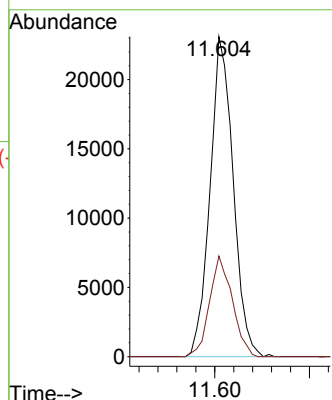
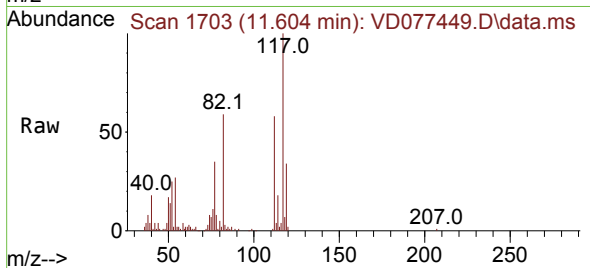
ClientSampleId :

Tgt Ion:112 Resp: 39155

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 3.743 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

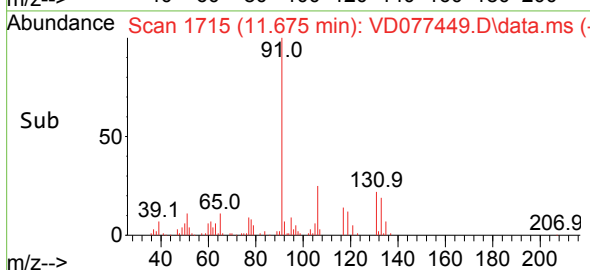
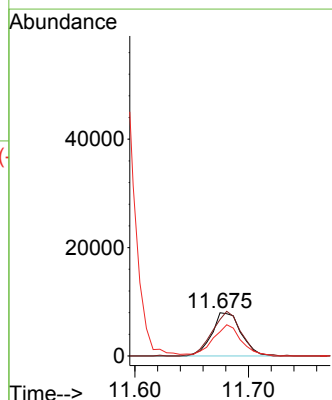
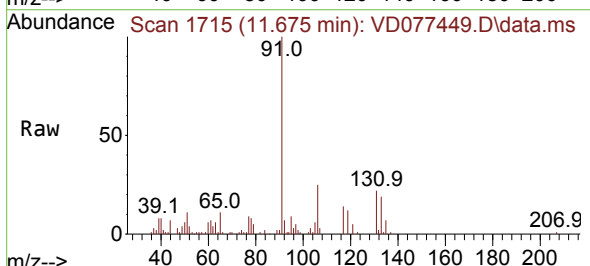
Tgt Ion:131 Resp: 14246

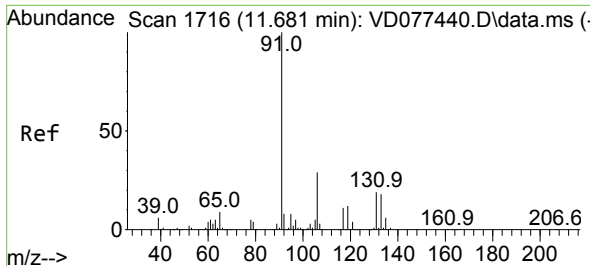
Ion Ratio Lower Upper

131 100

133 102.1 48.5 145.5

119 70.0 35.6 106.9

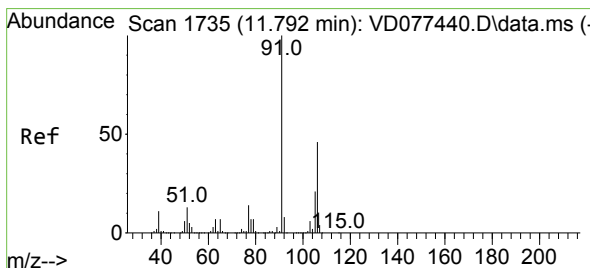
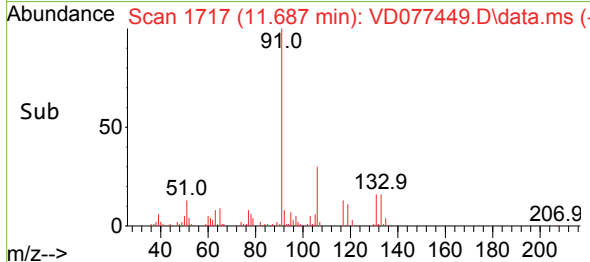
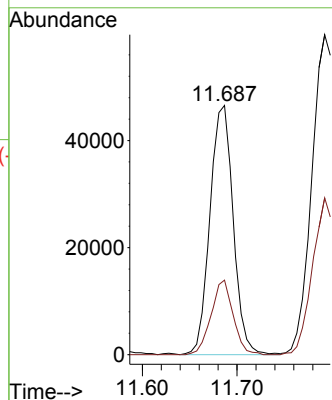
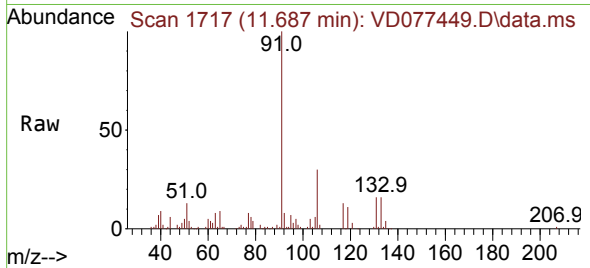




#67
Ethyl Benzene
Concen: 4.099 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

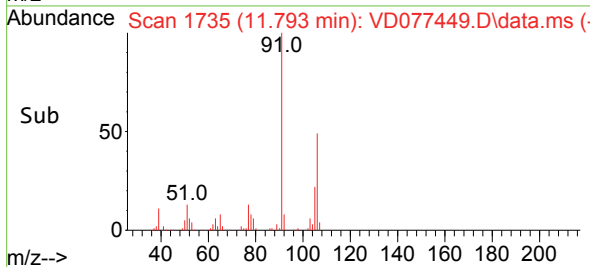
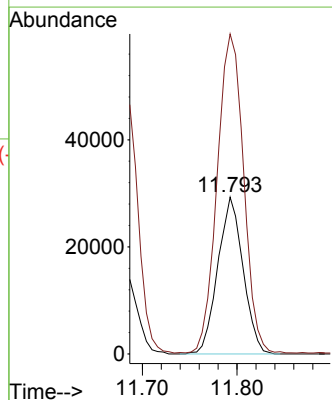
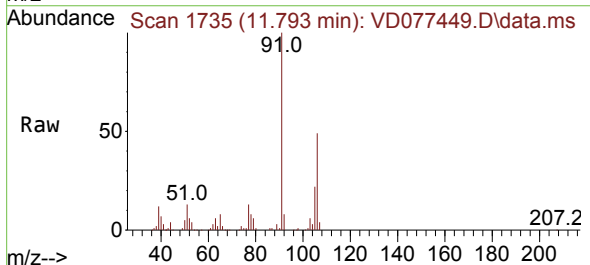
Instrument :
MSVOA_D
ClientSampleId :

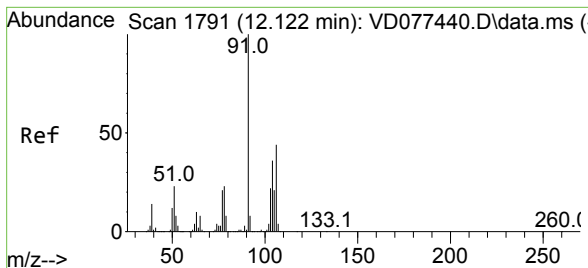
Tgt Ion: 91 Resp: 79435
Ion Ratio Lower Upper
91 100
106 29.9 26.5 39.7



#68
m/p-Xylenes
Concen: 7.762 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 106 Resp: 54311
Ion Ratio Lower Upper
106 100
91 213.1 147.0 220.6

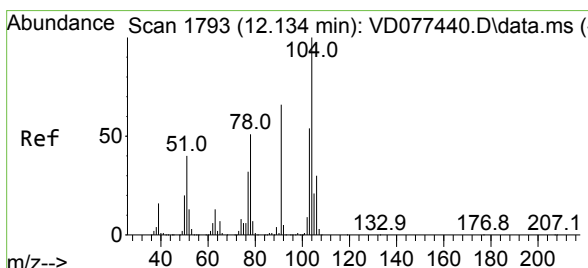
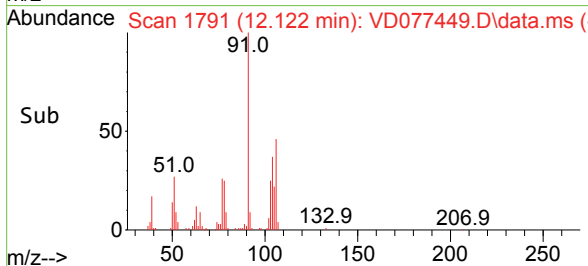
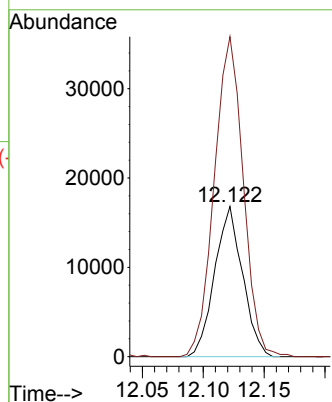
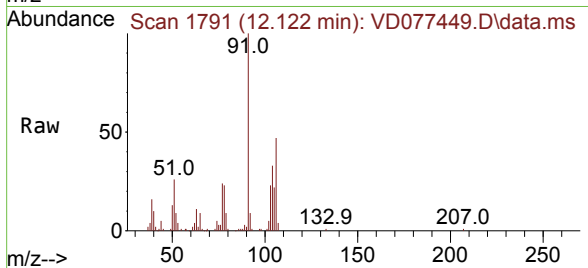




#69
o-Xylene
Concen: 4.003 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

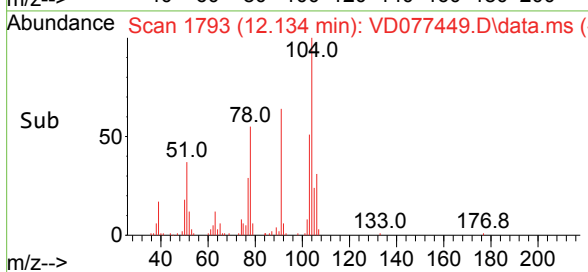
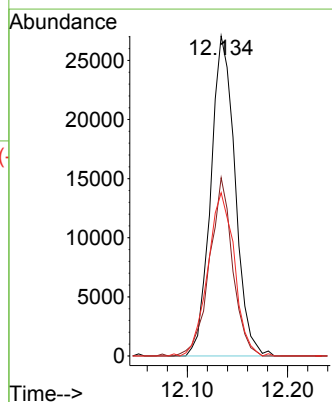
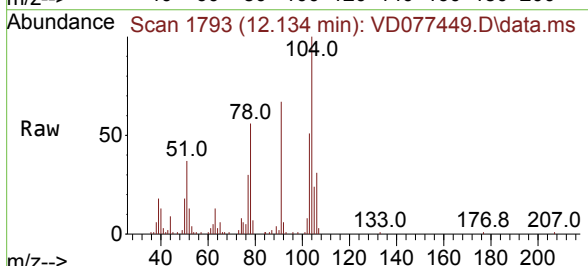
Instrument :
MSVOA_D
ClientSampleId :

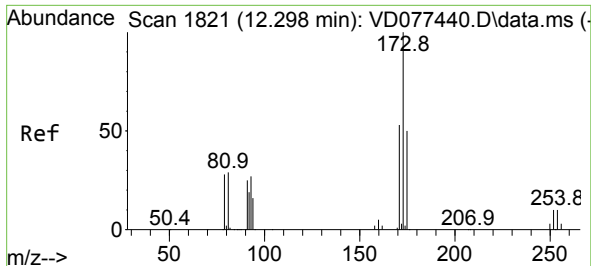
Tgt Ion:106 Resp: 26832
Ion Ratio Lower Upper
106 100
91 221.1 97.9 293.6



#70
Styrene
Concen: 3.943 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

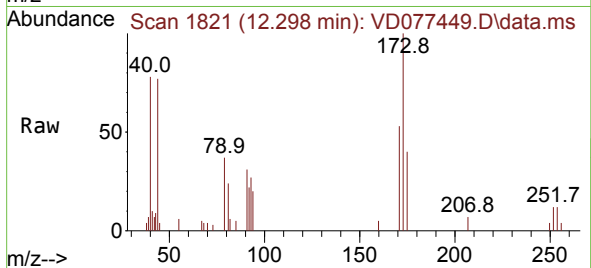
Tgt Ion:104 Resp: 45585
Ion Ratio Lower Upper
104 100
78 52.9 33.2 49.8#
103 55.9 43.6 65.4



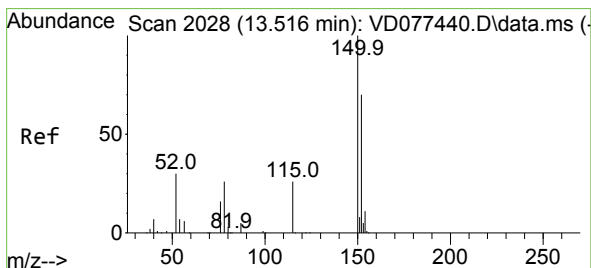
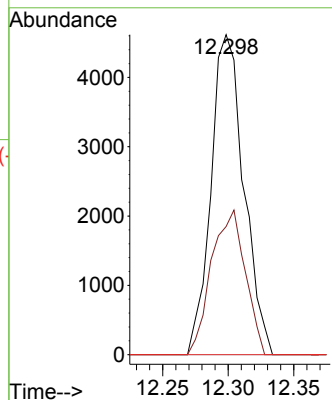
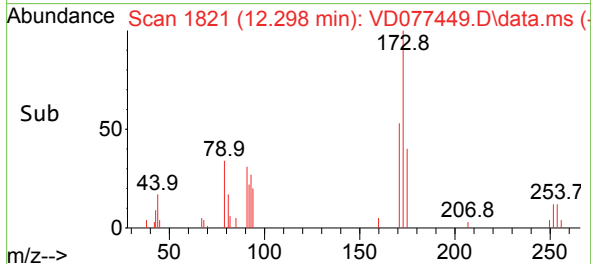


#71
Bromoform
Concen: 3.802 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

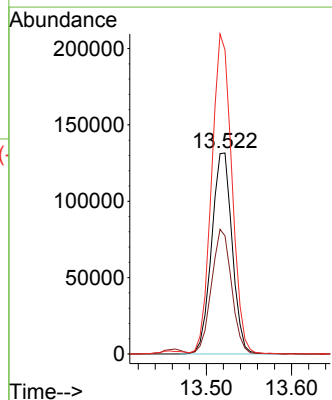
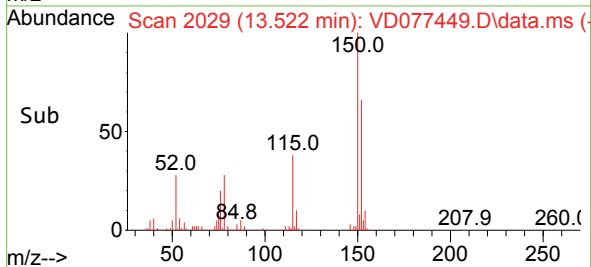
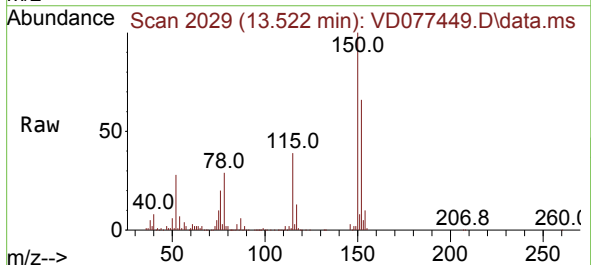


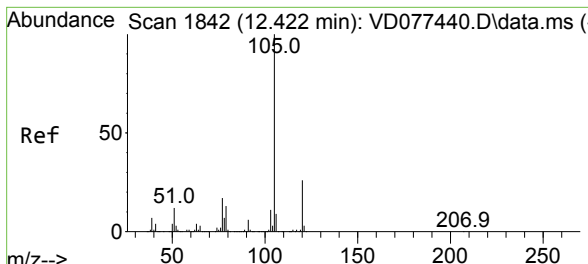
Tgt Ion:173 Resp: 8021
Ion Ratio Lower Upper
173 100
175 46.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion:152 Resp: 220513
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 156.9 0.0 353.6

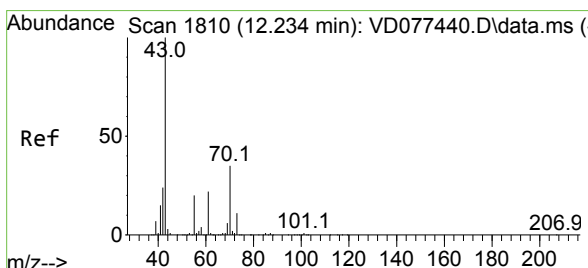
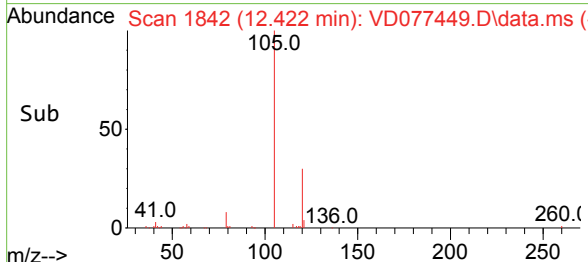
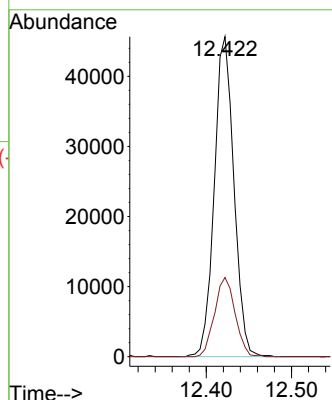
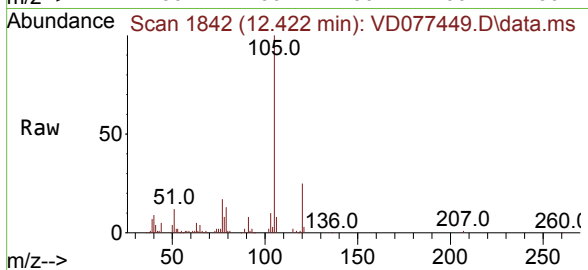




#73
Isopropylbenzene
Concen: 4.052 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

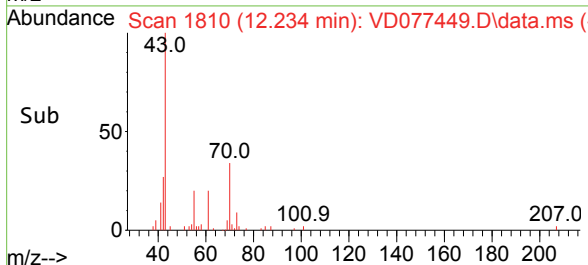
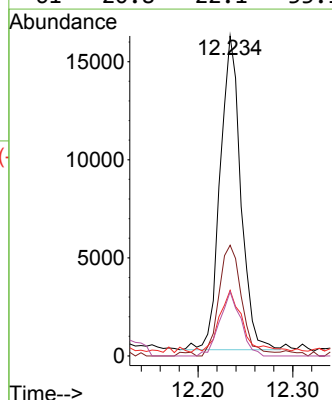
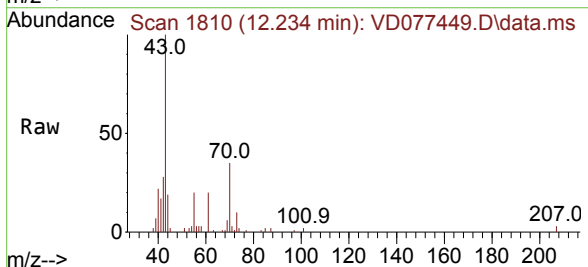
Instrument :
MSVOA_D
ClientSampleId :

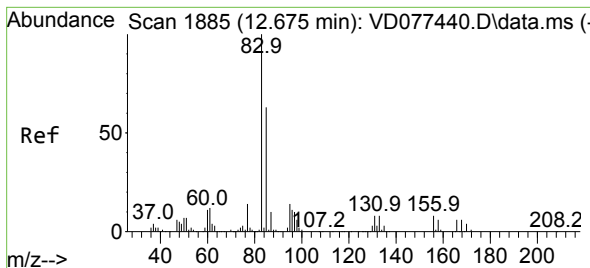
Tgt Ion:105 Resp: 72841
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 3.817 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 43 Resp: 24306
Ion Ratio Lower Upper
43 100
70 38.8 45.0 67.4#
55 22.7 23.8 35.6#
61 20.8 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.892 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077449.D

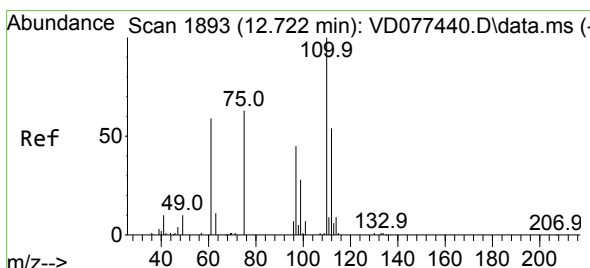
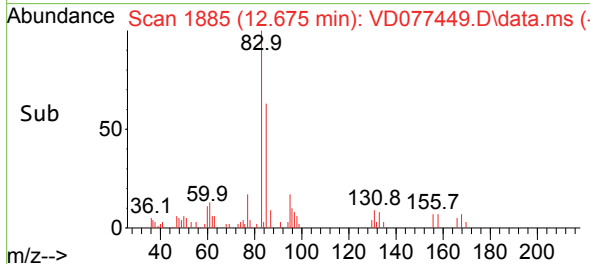
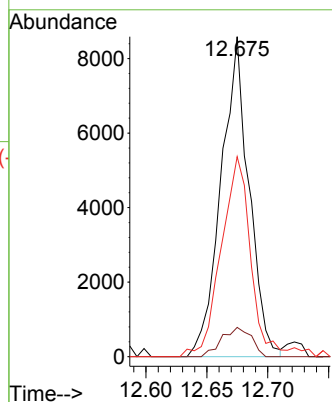
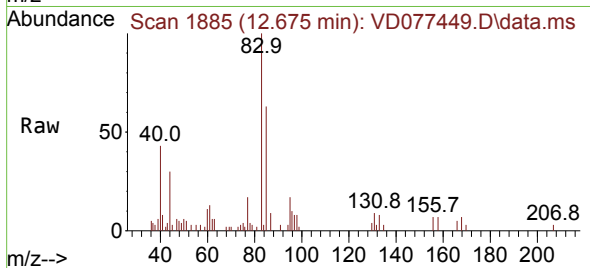
Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	13716
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	65.5	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 7.371 ug/l

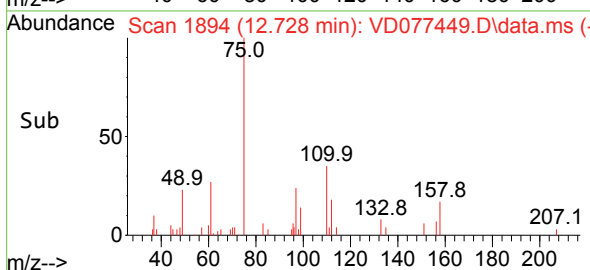
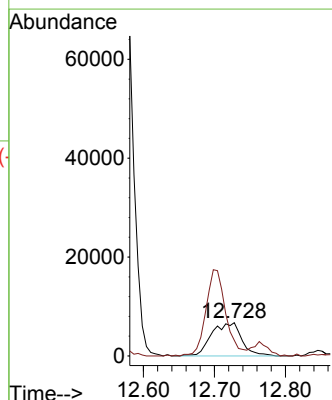
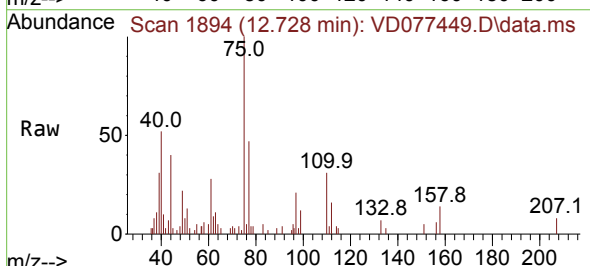
RT: 12.728 min Scan# 1894

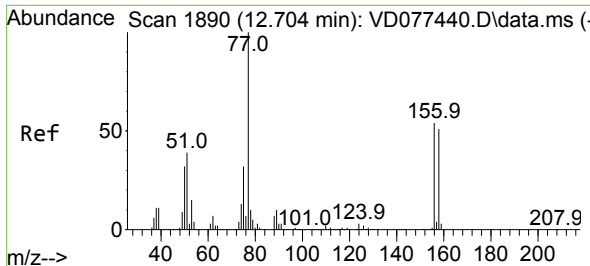
Delta R.T. 0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Tgt Ion:	75	Resp:	19782
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

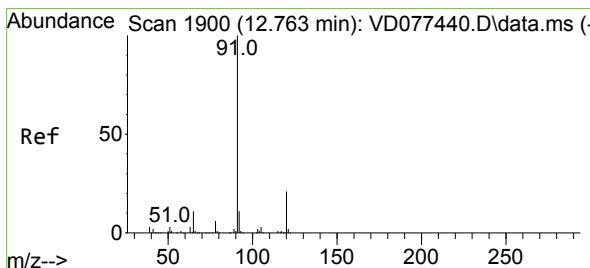
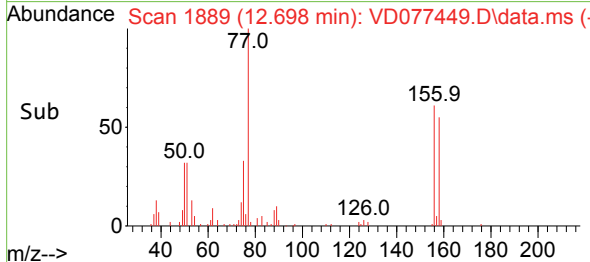
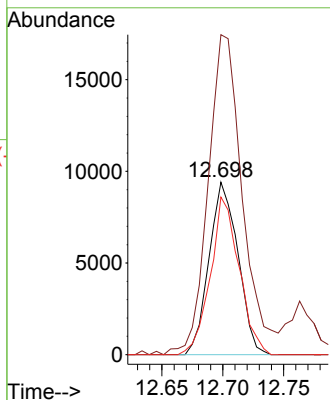
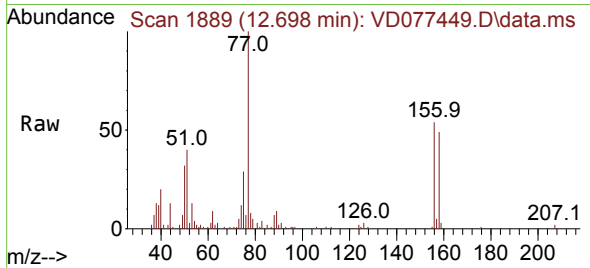




#77
Bromobenzene
Concen: 3.920 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

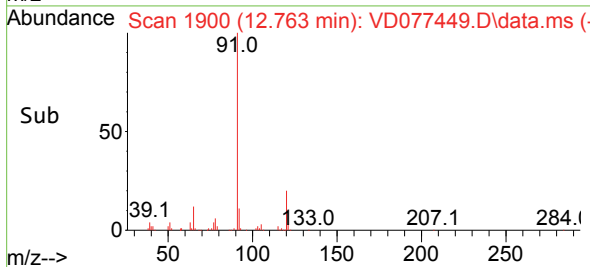
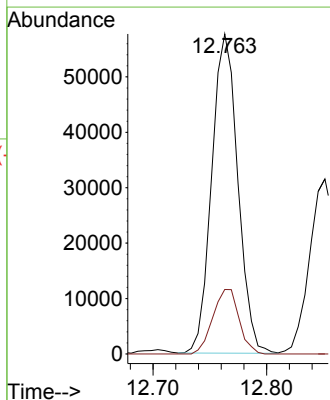
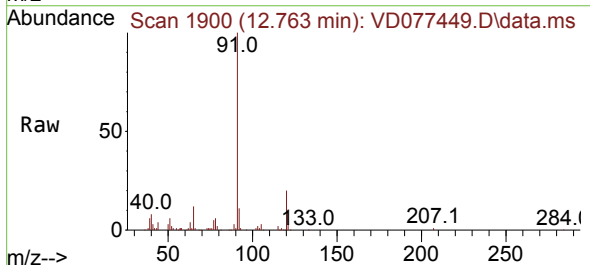
Instrument :
MSVOA_D
ClientSampleId :

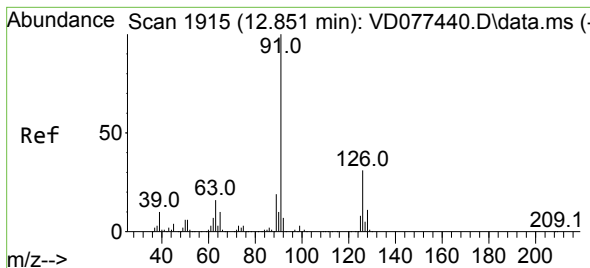
Tgt Ion:156 Resp: 15514
Ion Ratio Lower Upper
156 100
77 220.5 76.8 230.4
158 91.0 48.6 145.9



#78
n-propylbenzene
Concen: 4.032 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 91 Resp: 92042
Ion Ratio Lower Upper
91 100
120 20.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.045 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

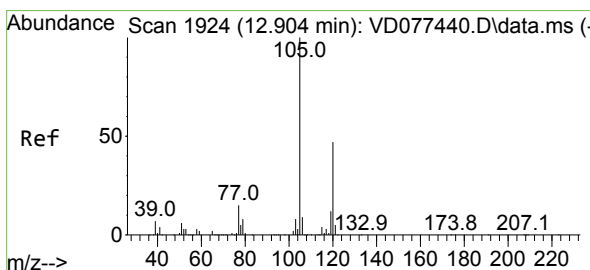
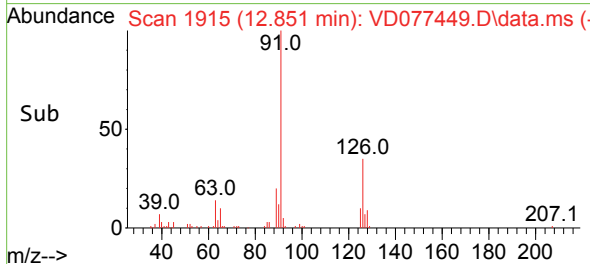
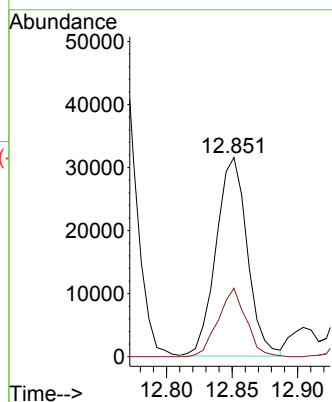
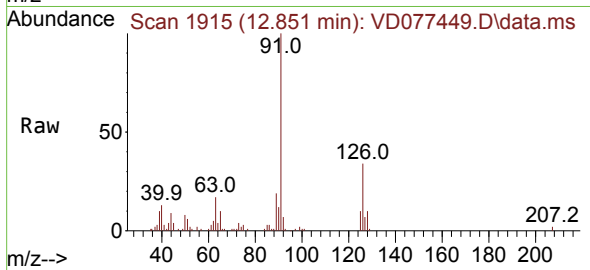
ClientSampleId :

Tgt Ion: 91 Resp: 52282

Ion Ratio Lower Upper

91 100

126 30.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 3.941 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077449.D

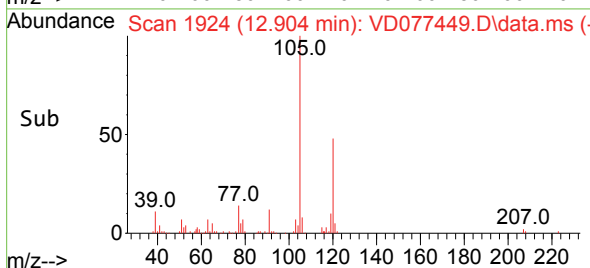
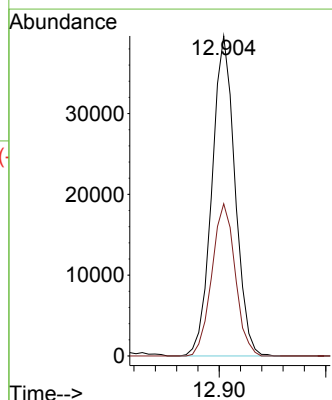
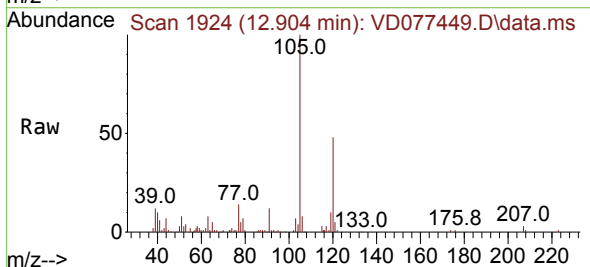
Acq: 30 Oct 2023 16:00

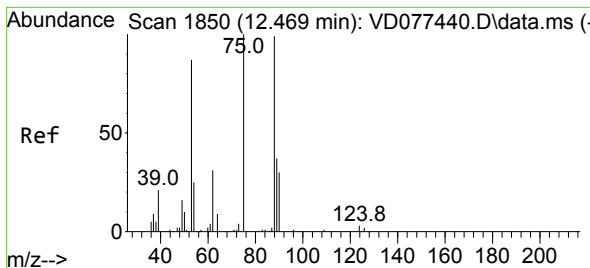
Tgt Ion: 105 Resp: 59446

Ion Ratio Lower Upper

105 100

120 48.1 26.4 79.2

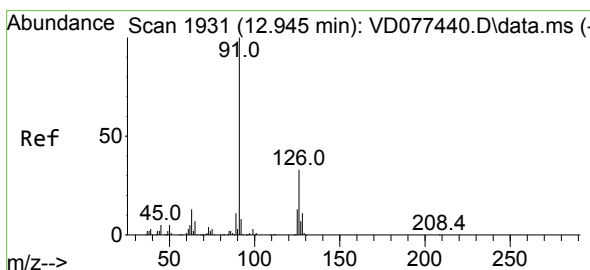
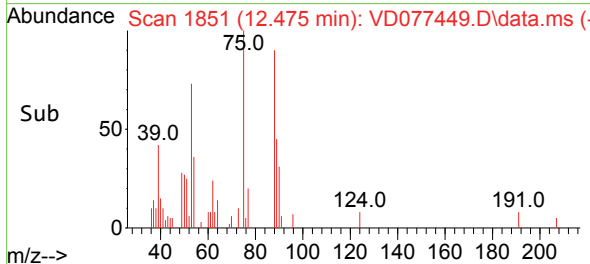
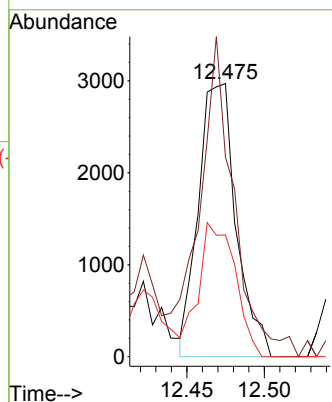
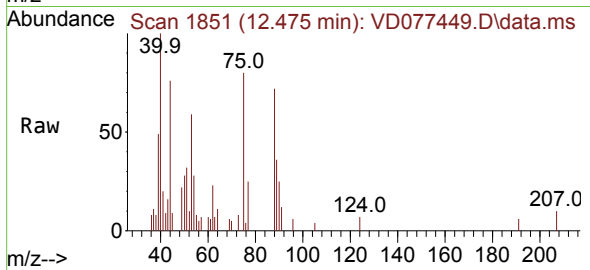




#81
trans-1,4-Dichloro-2-butene
Concen: 3.620 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

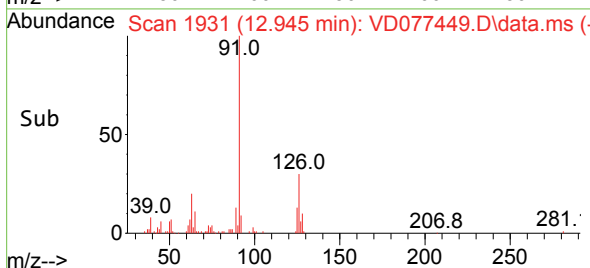
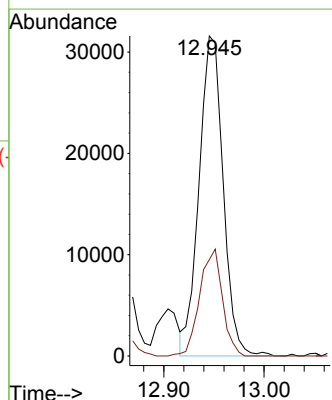
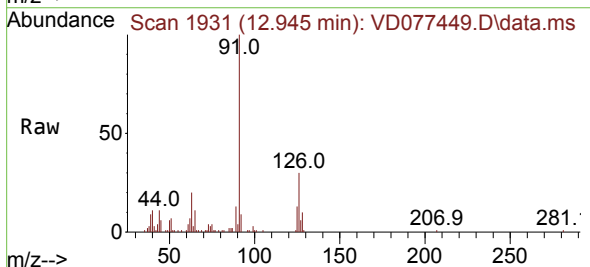
Instrument :
MSVOA_D
ClientSampleId :

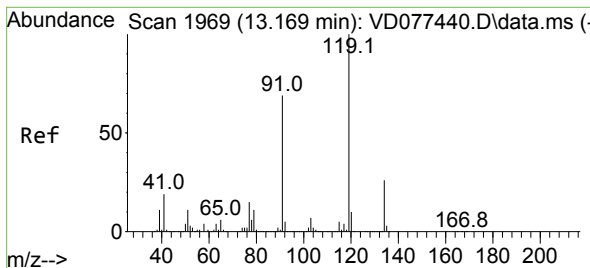
Tgt Ion: 75 Resp: 5030
Ion Ratio Lower Upper
75 100
53 105.3 63.0 94.4#
89 47.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 3.928 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 91 Resp: 52888
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.090 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

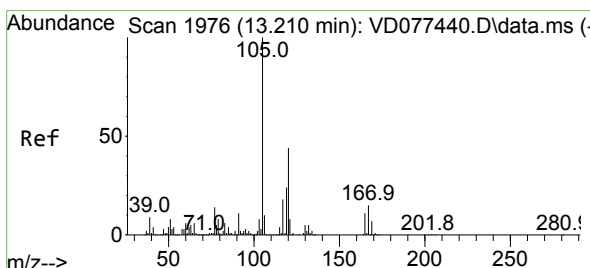
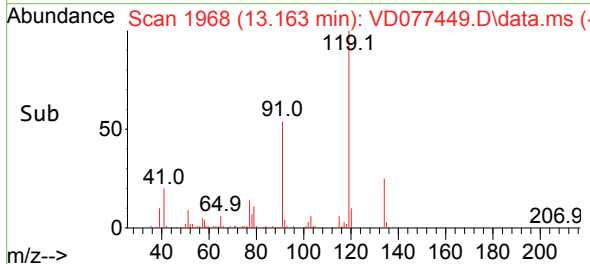
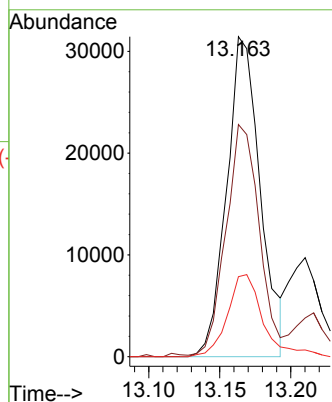
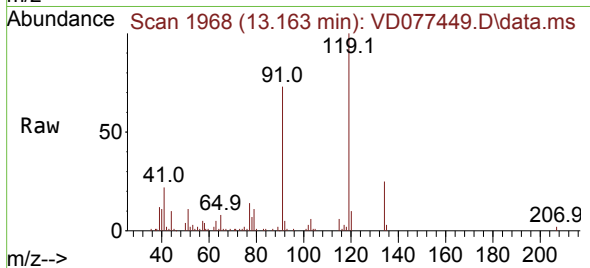
Tgt Ion:119 Resp: 51873

Ion Ratio Lower Upper

119 100

91 72.4 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 3.996 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077449.D

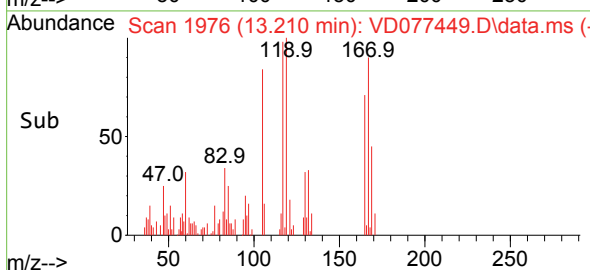
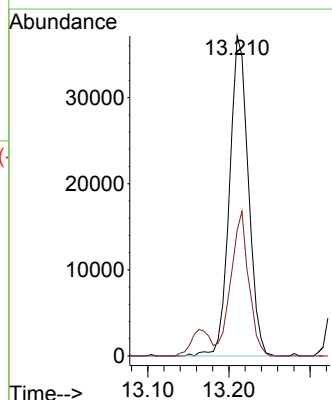
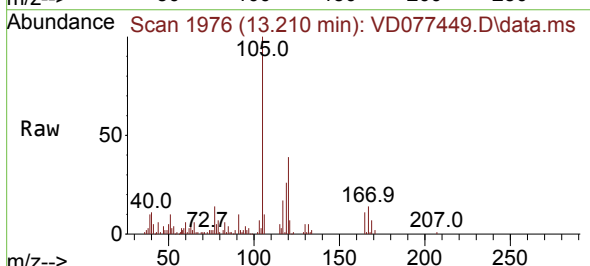
Acq: 30 Oct 2023 16:00

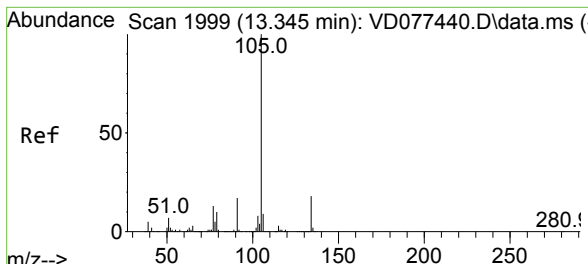
Tgt Ion:105 Resp: 59877

Ion Ratio Lower Upper

105 100

120 42.9 24.3 72.9

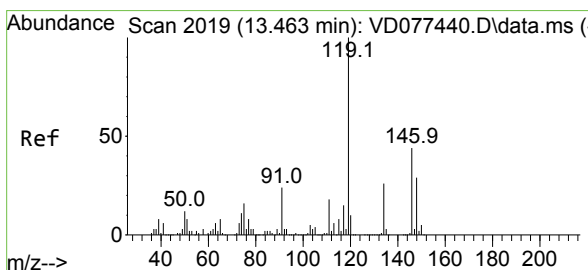
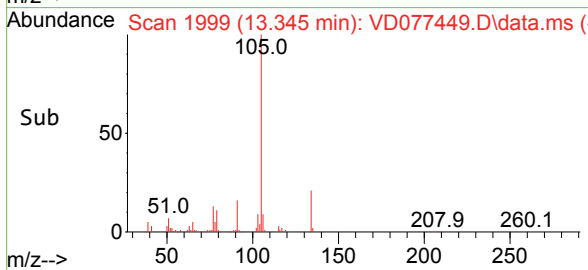
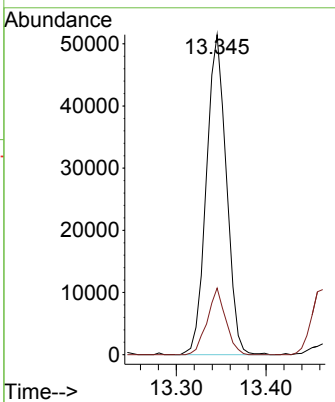
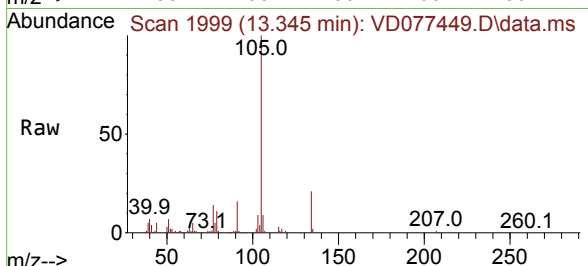




#85
 sec-Butylbenzene
 Concen: 4.101 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

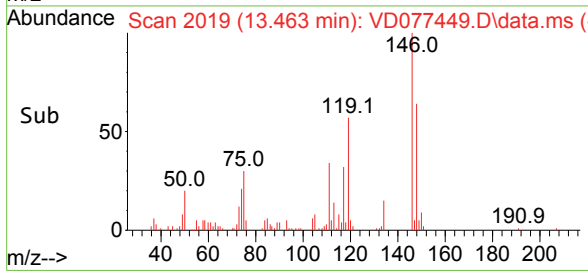
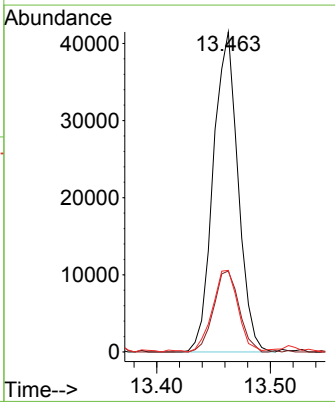
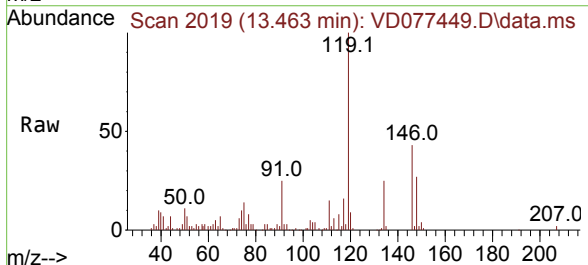
Instrument :
 MSVOA_D
 ClientSampleId :

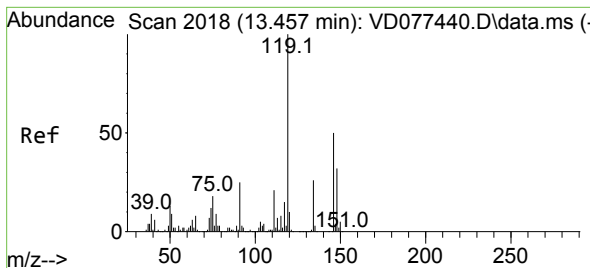
Tgt Ion:	105	Resp:	79577
Ion Ratio	Lower	Upper	
105	100		
134	19.2	10.9	32.9



#86
 p-Isopropyltoluene
 Concen: 3.986 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

Tgt Ion:	119	Resp:	62868
Ion Ratio	Lower	Upper	
119	100		
134	26.0	14.2	42.6
91	26.5	10.5	31.5





#87

1,3-Dichlorobenzene

Concen: 3.979 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

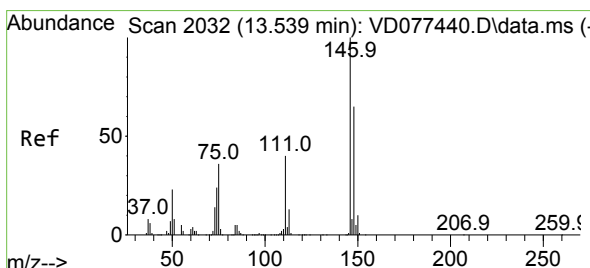
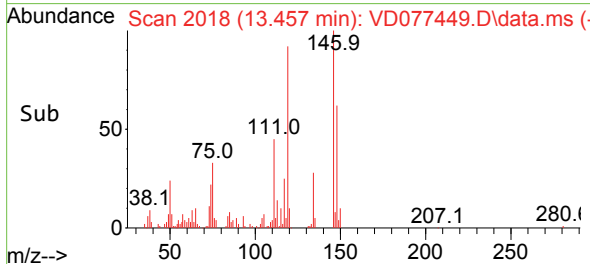
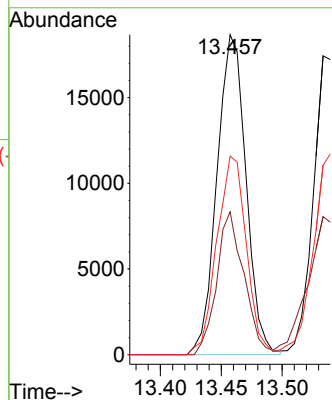
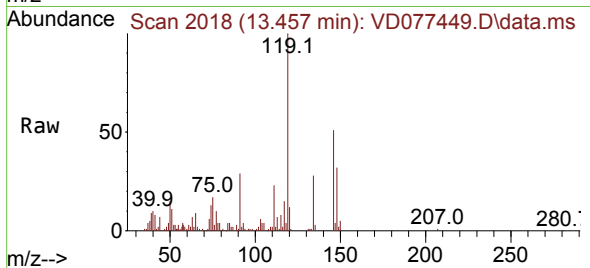
Tgt Ion:146 Resp: 30954

Ion Ratio Lower Upper

146 100

111 42.0 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 3.893 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

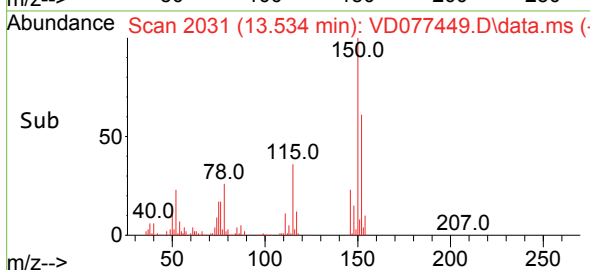
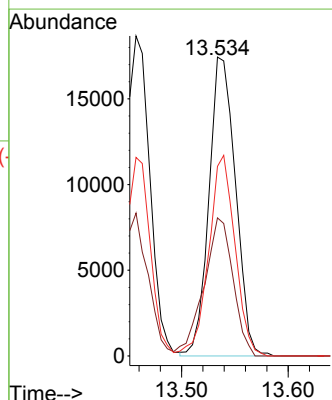
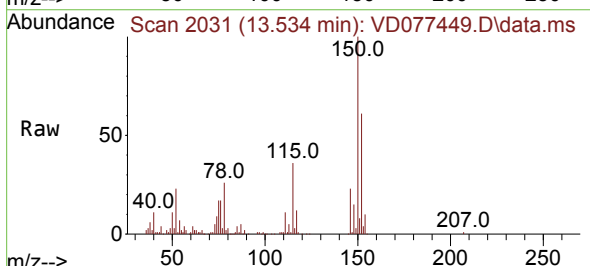
Tgt Ion:146 Resp: 30254

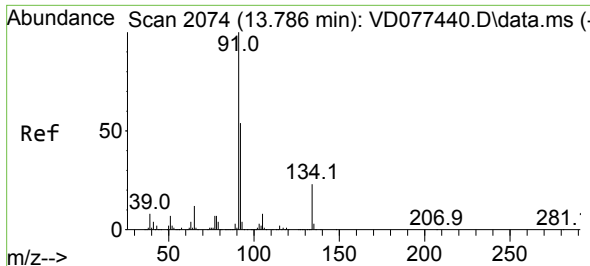
Ion Ratio Lower Upper

146 100

111 50.6 17.4 52.3

148 66.6 31.7 95.1

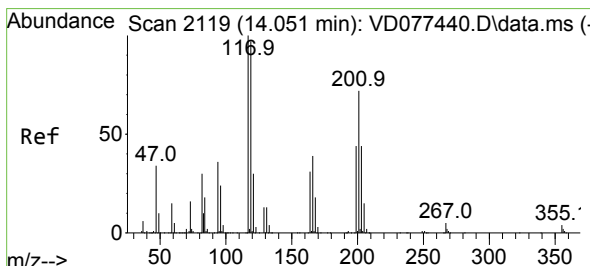
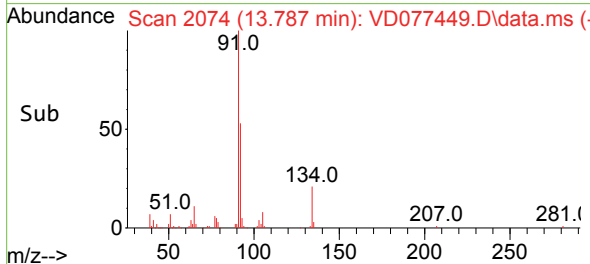
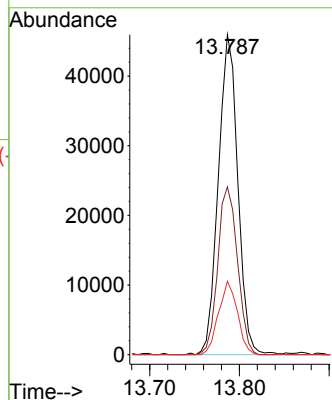
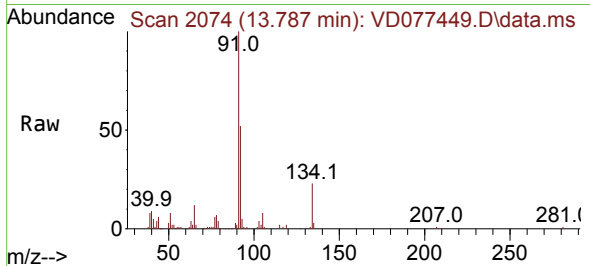




#89
n-Butylbenzene
Concen: 4.227 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

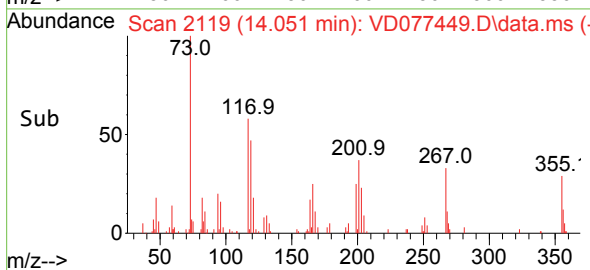
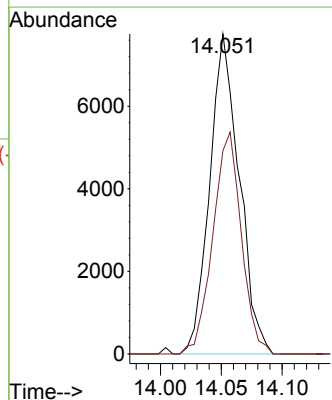
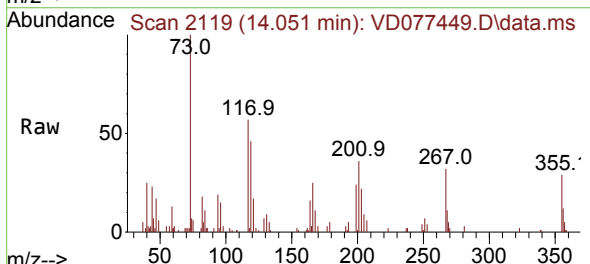
Instrument :
MSVOA_D
ClientSampleId :

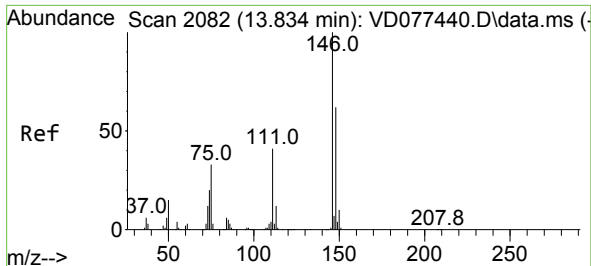
Tgt Ion: 91 Resp: 69306
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 22.3 13.8 41.3



#90
Hexachloroethane
Concen: 4.046 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 117 Resp: 13060
Ion Ratio Lower Upper
117 100
201 67.0 38.5 115.5

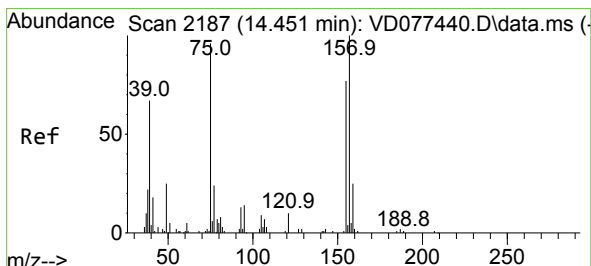
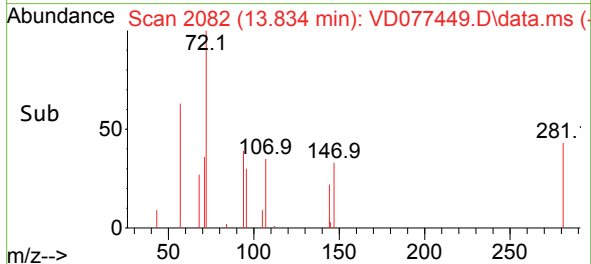
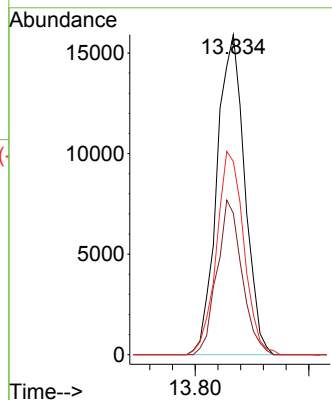
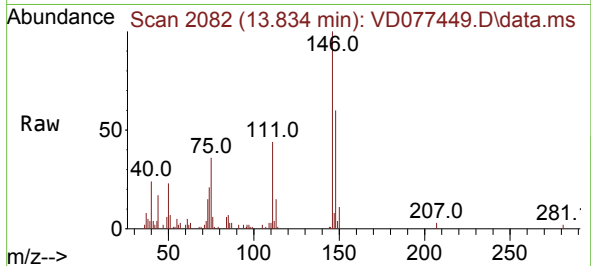




#91
 1,2-Dichlorobenzene
 Concen: 3.939 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

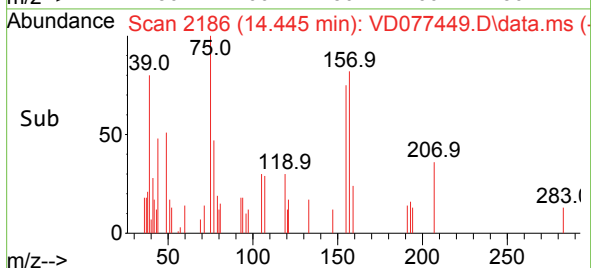
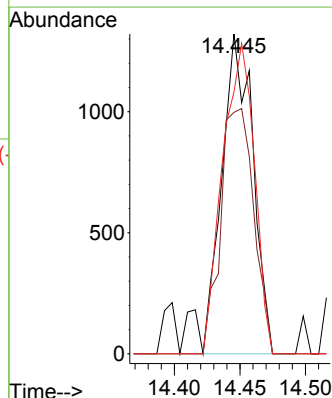
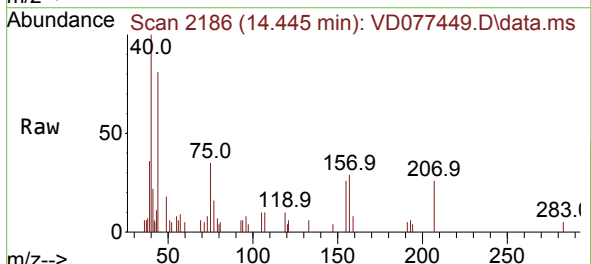
Instrument :
 MSVOA_D
 ClientSampleId :

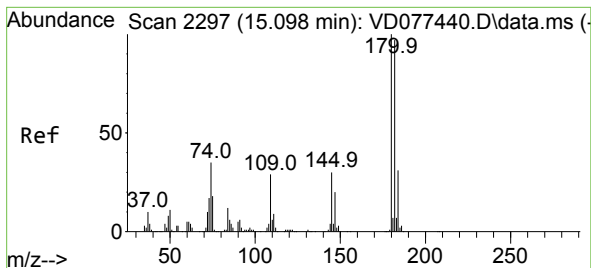
Tgt Ion:146 Resp: 26927
 Ion Ratio Lower Upper
 146 100
 111 43.7 18.3 54.8
 148 62.8 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.855 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077449.D
 Acq: 30 Oct 2023 16:00

Tgt Ion: 75 Resp: 2289
 Ion Ratio Lower Upper
 75 100
 155 78.1 47.9 143.8
 157 94.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 3.624 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

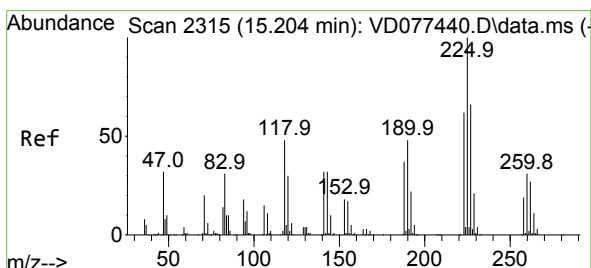
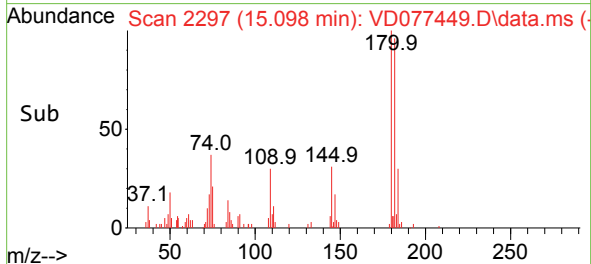
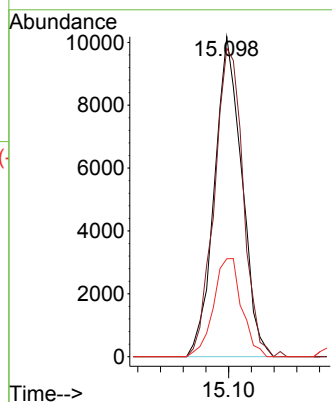
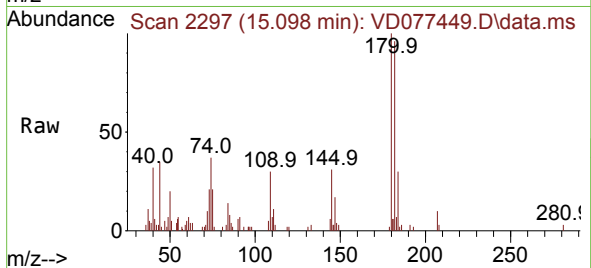
Tgt Ion:180 Resp: 17019

Ion Ratio Lower Upper

180 100

182 101.3 48.5 145.6

145 31.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.318 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077449.D

Acq: 30 Oct 2023 16:00

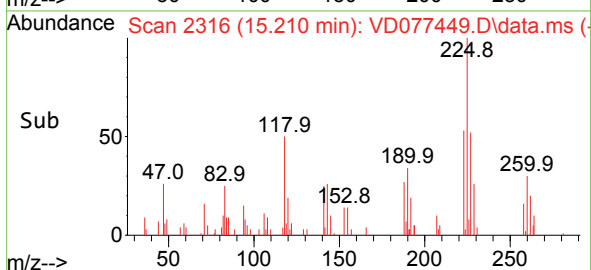
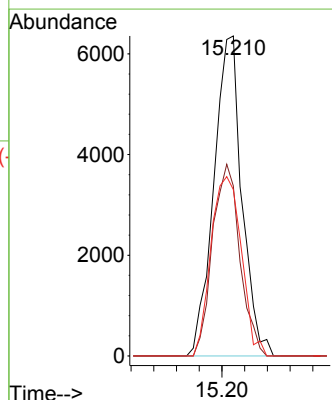
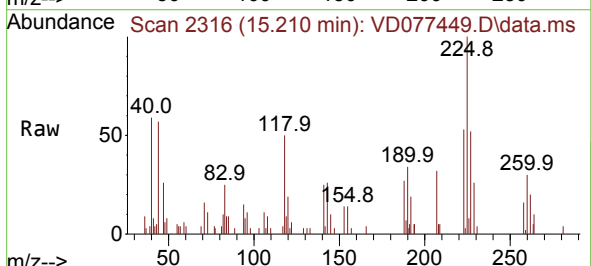
Tgt Ion:225 Resp: 10938

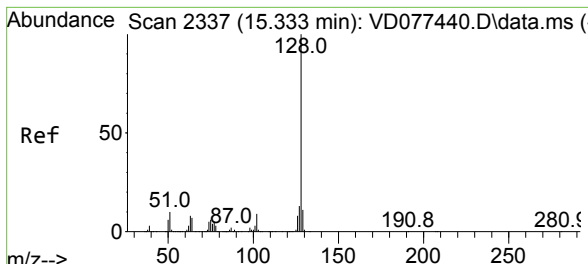
Ion Ratio Lower Upper

225 100

223 58.2 31.6 94.8

227 60.5 31.7 95.1

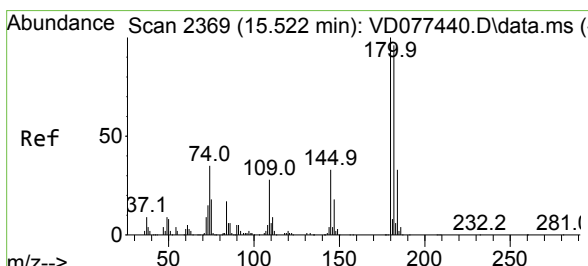
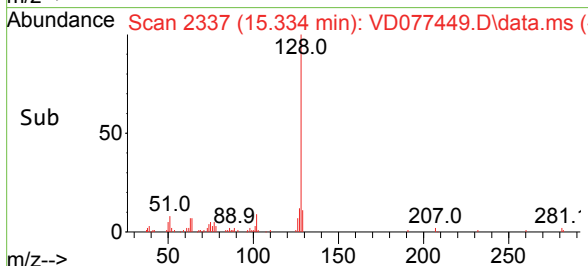
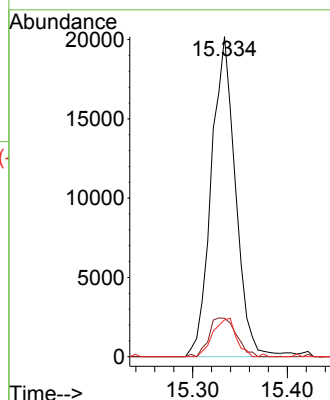
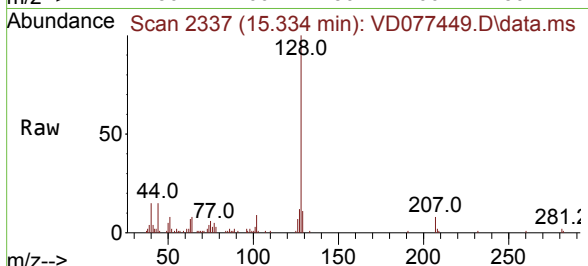




#95
Naphthalene
Concen: 3.984 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	35690
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.5	15.7
129	11.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.856 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077449.D
Acq: 30 Oct 2023 16:00

Tgt Ion:	180	Resp:	15630
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	141.9
145	32.4	15.1	45.3

