

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077830.D
 Acq On : 11 Dec 2023 23:45
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:55:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	134470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	233950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83357	52.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.220%	
35) Dibromofluoromethane	7.810	113	82655	50.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.269	98	340137	51.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.575	95	100816	51.377	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	71675	42.670	ug/l	94
3) Chloromethane	2.152	50	120839	52.777	ug/l	100
4) Vinyl Chloride	2.287	62	157604	50.704	ug/l	99
5) Bromomethane	2.699	94	105241	60.340	ug/l	98
6) Chloroethane	2.840	64	112868	53.262	ug/l	93
7) Trichlorofluoromethane	3.187	101	136581	47.710	ug/l	98
8) Diethyl Ether	3.593	74	44452	55.299	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	74875	45.719	ug/l	95
10) Methyl Iodide	4.169	142	92551	62.527	ug/l #	89
11) Tert butyl alcohol	5.052	59	19935	261.786	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	81841	50.632	ug/l #	83
13) Acrolein	3.799	56	37295	222.504	ug/l	99
14) Allyl chloride	4.569	41	112179	50.461	ug/l	89
15) Acrylonitrile	5.258	53	93955	272.986	ug/l	97
16) Acetone	4.022	43	79356	229.093	ug/l	92
17) Carbon Disulfide	4.281	76	275012	50.290	ug/l	99
18) Methyl Acetate	4.569	43	71246	57.092	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	191337	55.793	ug/l	100
20) Methylene Chloride	4.805	84	108438	58.622	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	99884	54.557	ug/l	92
22) Diisopropyl ether	6.216	45	261038	56.190	ug/l	91
23) Vinyl Acetate	6.163	43	619080	272.887	ug/l #	90
24) 1,1-Dichloroethane	6.122	63	174167	55.361	ug/l	97
25) 2-Butanone	7.081	43	111736	256.950	ug/l	91
26) 2,2-Dichloropropane	7.081	77	138257	52.342	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	112458	57.085	ug/l	91
28) Bromochloromethane	7.428	49	72794	57.262	ug/l #	76
29) Tetrahydrofuran	7.440	42	68678	272.183	ug/l	88
30) Chloroform	7.604	83	174862	55.536	ug/l	96
31) Cyclohexane	7.881	56	130188	46.192	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	148039	53.334	ug/l	98
36) 1,1-Dichloropropene	8.016	75	130379	49.739	ug/l	96
37) Ethyl Acetate	7.169	43	49560	48.489	ug/l #	94
38) Carbon Tetrachloride	7.999	117	129613	49.599	ug/l	97
39) Methylcyclohexane	9.275	83	149819	48.212	ug/l	96
40) Benzene	8.252	78	398042	53.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29893	57.543	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	107788	55.893	ug/l	92
43) Isopropyl Acetate	8.363	43	97580	53.707	ug/l	91
44) Trichloroethene	9.034	130	103889	53.585	ug/l	99
45) 1,2-Dichloropropane	9.304	63	100729	55.696	ug/l	99
46) Dibromomethane	9.393	93	52468	54.829	ug/l	96
47) Bromodichloromethane	9.587	83	134223	55.338	ug/l #	96
48) Methyl methacrylate	9.381	41	56944	55.135	ug/l #	78
49) 1,4-Dioxane	9.387	88	9400	989.259	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	249294	268.848	ug/l	88
52) Toluene	10.334	92	255294	55.320	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	128167	55.026	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	153297	54.436	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	72566	55.439	ug/l	98
56) Ethyl methacrylate	10.598	69	63661	55.172	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	127438	56.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	170715	259.436	ug/l	93
59) 2-Hexanone	10.922	43	175903	228.652	ug/l	87
60) Dibromochloromethane	11.075	129	88608	56.226	ug/l	95
61) 1,2-Dibromoethane	11.181	107	68513	55.605	ug/l	98
64) Tetrachloroethene	10.810	164	83595	51.551	ug/l	91
65) Chlorobenzene	11.610	112	269214	51.831	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	98062	53.449	ug/l	96
67) Ethyl Benzene	11.687	91	488349	53.166	ug/l	96
68) m/p-Xylenes	11.793	106	374988	106.728	ug/l	91
69) o-Xylene	12.122	106	177578	54.840	ug/l	92
70) Styrene	12.134	104	270544	56.189	ug/l	95
71) Bromoform	12.298	173	51449	53.669	ug/l #	97
73) Isopropylbenzene	12.422	105	460739	52.240	ug/l	97
74) N-amyl acetate	12.234	43	87858	50.677	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	78403	50.983	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	101881	100.806	ug/l #	100
77) Bromobenzene	12.698	156	110209	53.126	ug/l	93
78) n-propylbenzene	12.763	91	551854	51.349	ug/l	97
79) 2-Chlorotoluene	12.851	91	302737	52.563	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	385529	52.411	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	25783	51.687	ug/l	98
82) 4-Chlorotoluene	12.945	91	318861	52.958	ug/l	96
83) tert-Butylbenzene	13.169	119	330109	53.157	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	390818	53.120	ug/l	98
85) sec-Butylbenzene	13.345	105	465746	50.738	ug/l	97
86) p-Isopropyltoluene	13.463	119	432721	52.651	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	221682	52.255	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	216536	51.175	ug/l	97
89) n-Butylbenzene	13.787	91	395313	51.118	ug/l	98
90) Hexachloroethane	14.057	117	81105	53.660	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	192400	53.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11356	50.997	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	123862	50.259	ug/l	99
94) Hexachlorobutadiene	15.204	225	65594	49.358	ug/l	98
95) Naphthalene	15.333	128	224246	54.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	105837	52.092	ug/l	99

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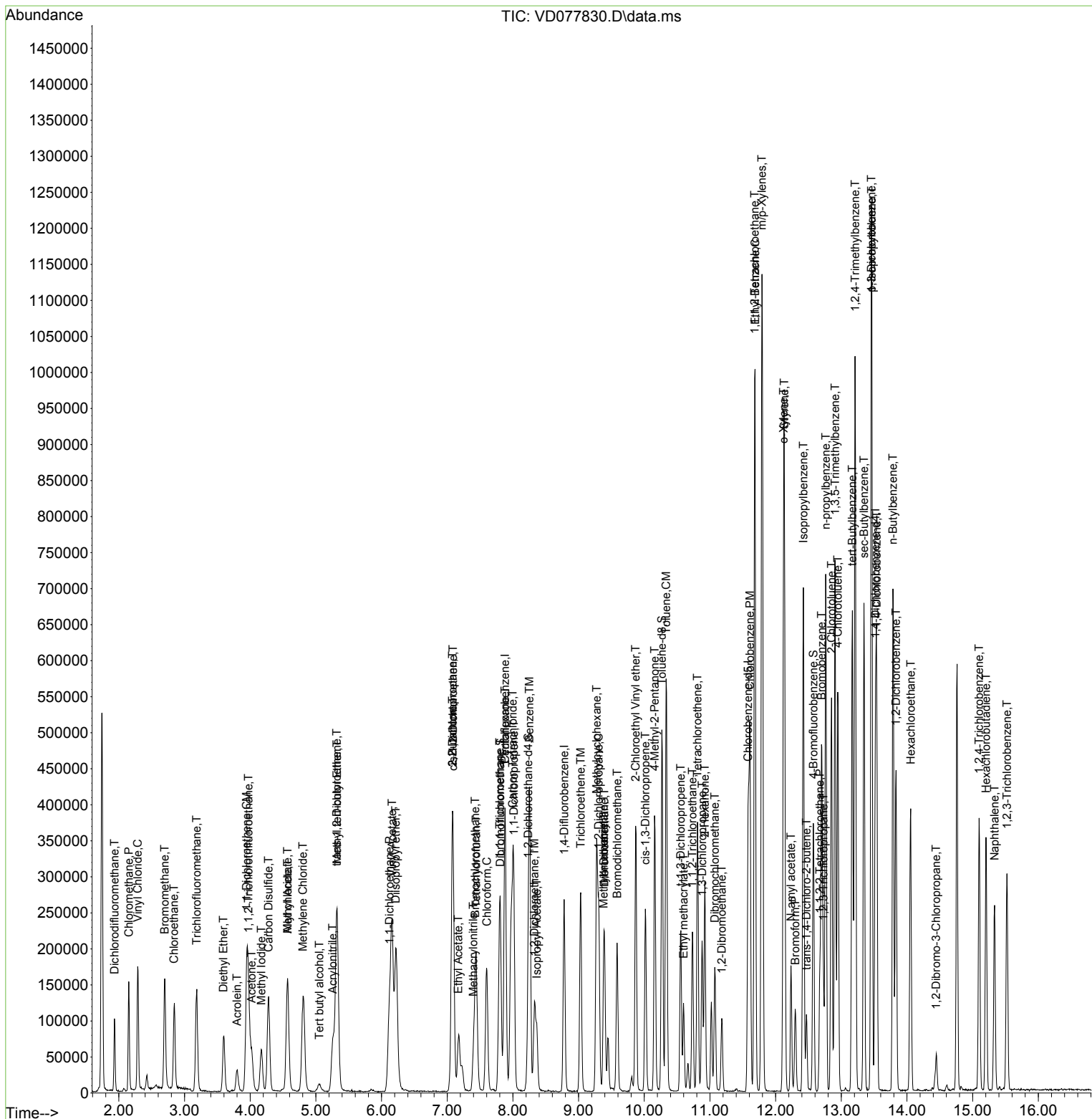
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MSVOA_D
ClientSampleId :

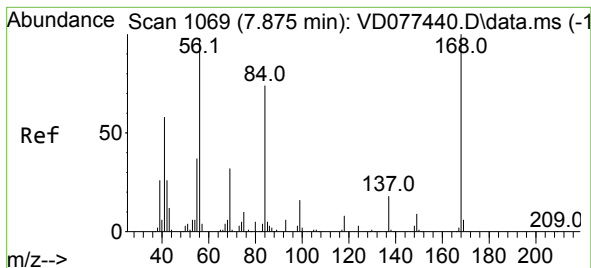
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QLast Update : Fri Dec 08 13:33:18 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077830.D

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Instrument :

MSVOA_D

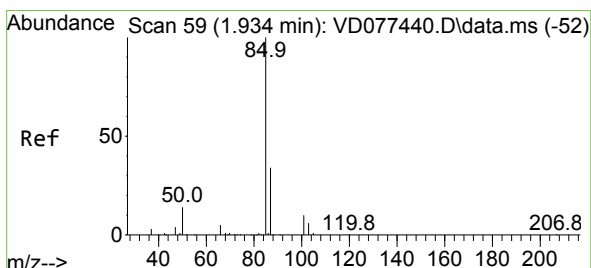
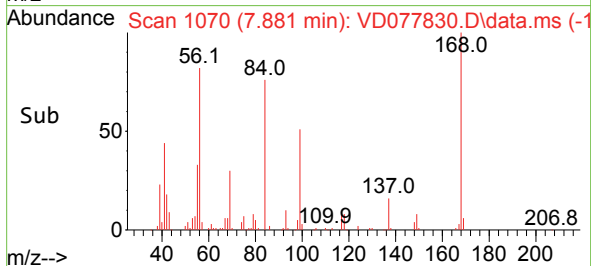
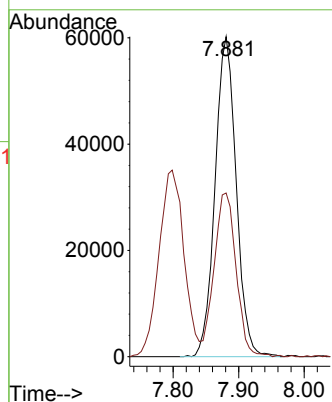
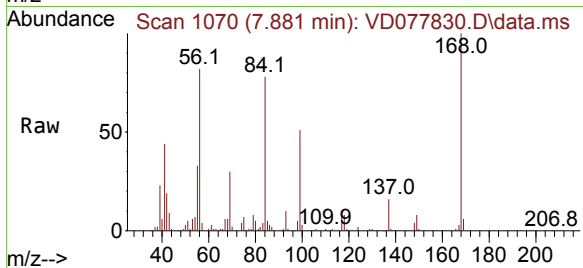
ClientSampleId :

Tgt Ion:168 Resp: 134470

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 42.670 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077830.D

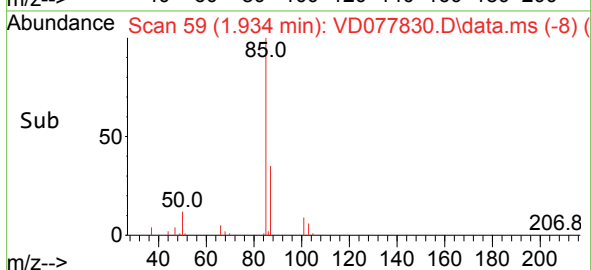
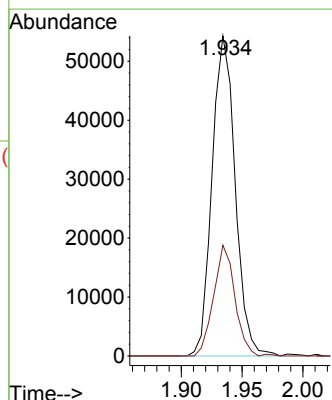
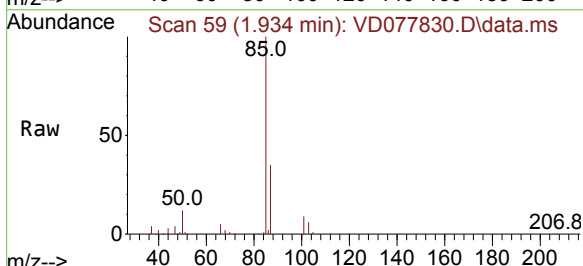
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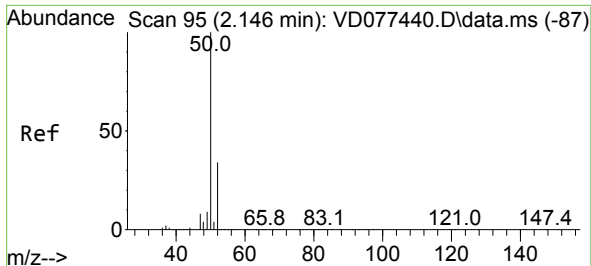
Tgt Ion: 85 Resp: 71675

Ion Ratio Lower Upper

85 100

87 34.6 15.7 47.0

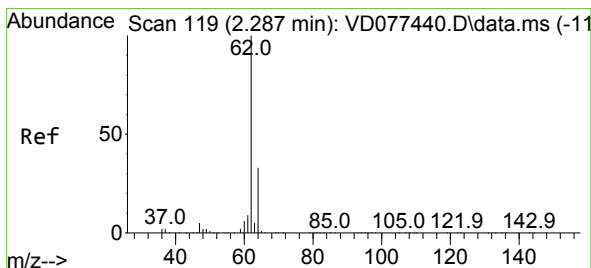
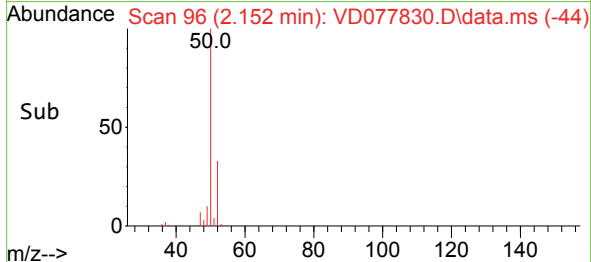
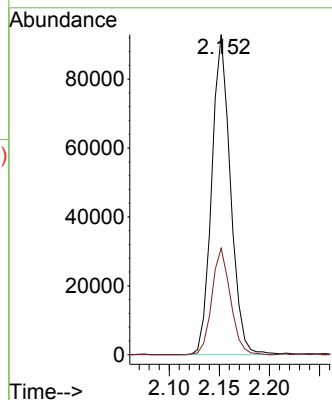
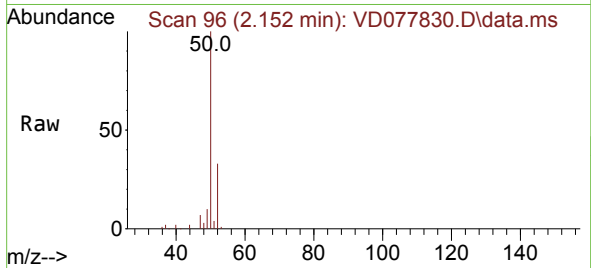




#3
Chloromethane
Concen: 52.777 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

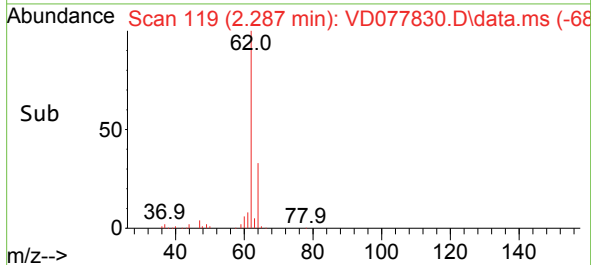
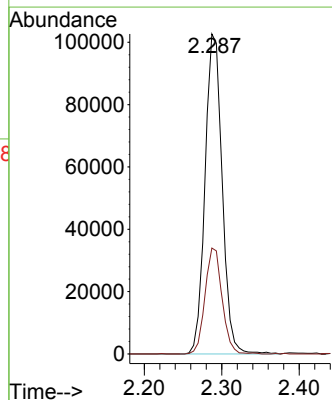
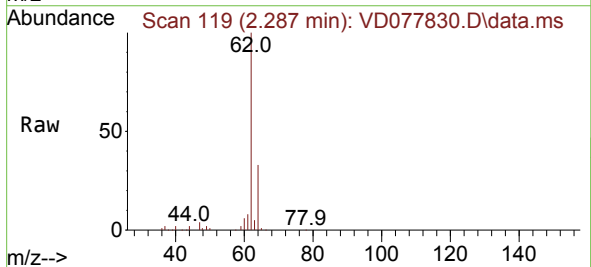
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 120839
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 50.704 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 62 Resp: 157604
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

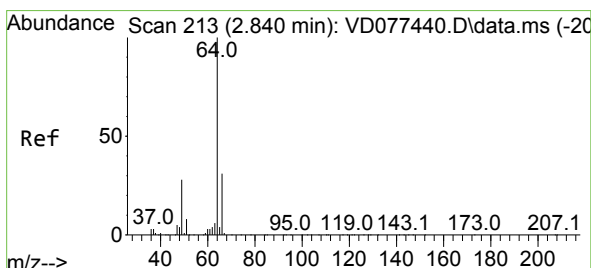
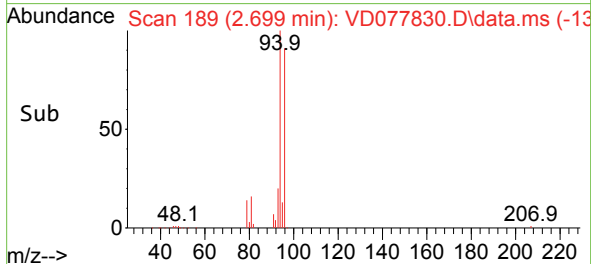
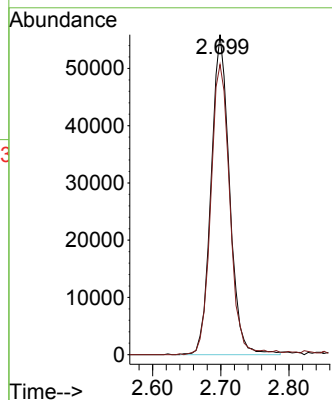
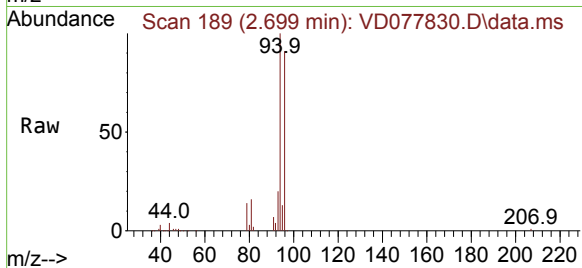




#5
Bromomethane
Concen: 60.340 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

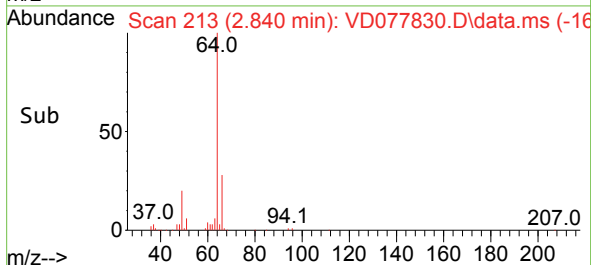
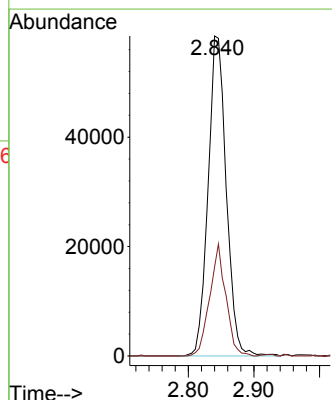
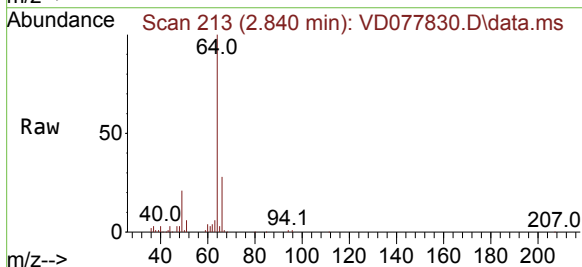
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ClientSampleId :

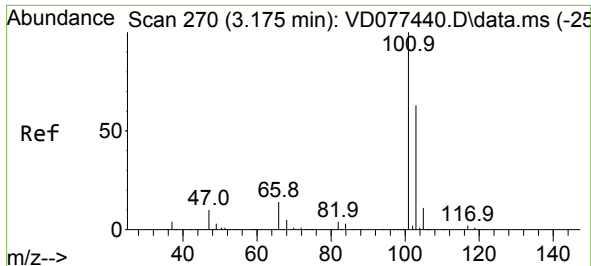
Tgt Ion: 94 Resp: 105241
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8



#6
Chloroethane
Concen: 53.262 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 64 Resp: 112868
Ion Ratio Lower Upper
64 100
66 27.9 25.5 38.3

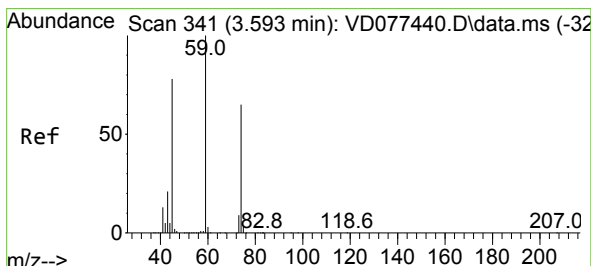
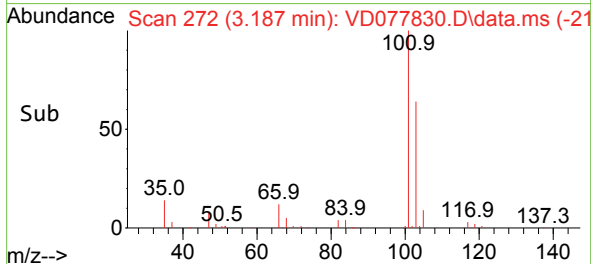
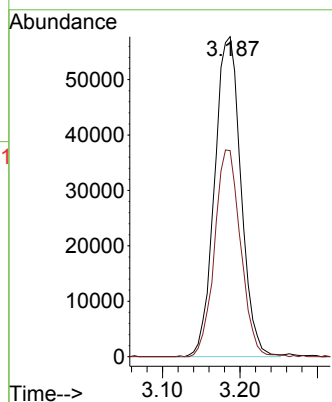
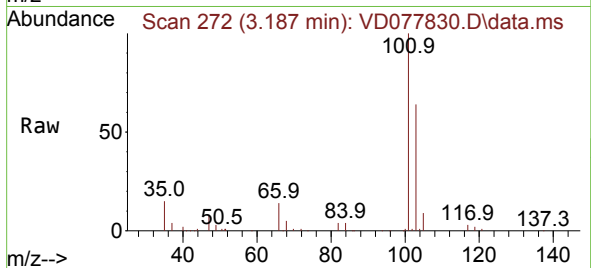




#7
Trichlorofluoromethane
Concen: 47.710 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

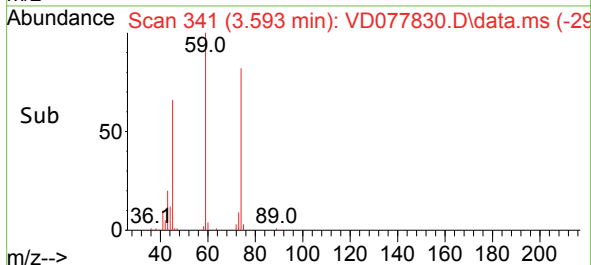
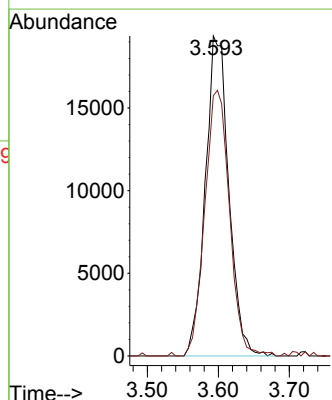
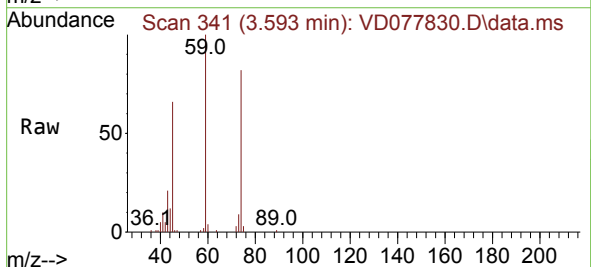
Instrument :
MSVOA_D
ClientSampleId :

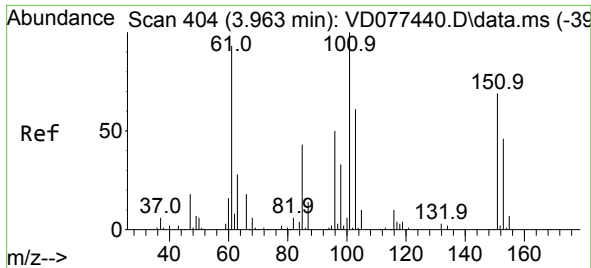
Tgt Ion:101 Resp: 136581
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



#8
Diethyl Ether
Concen: 55.299 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 74 Resp: 44452
Ion Ratio Lower Upper
74 100
45 87.4 37.5 112.7

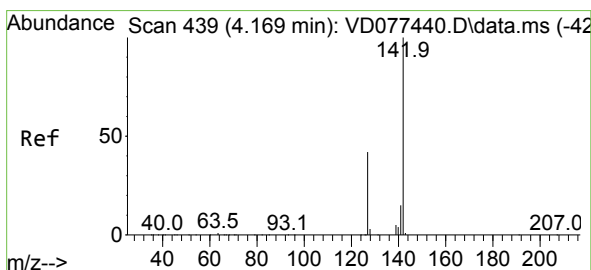
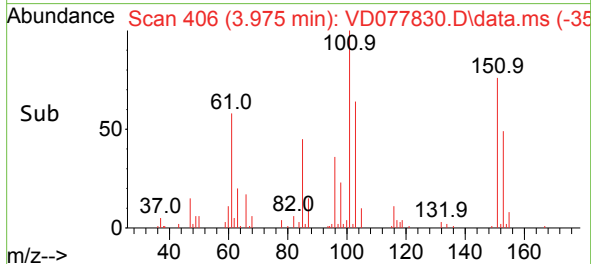
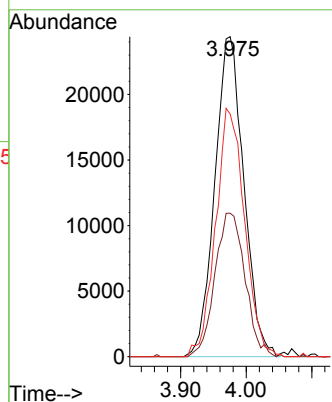
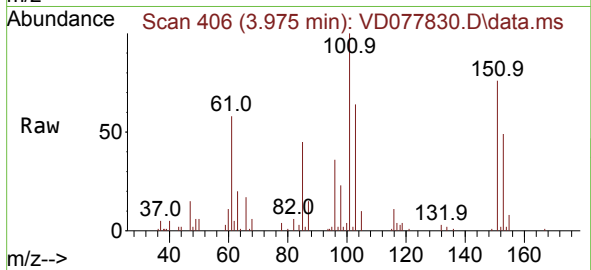




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.719 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077830.D
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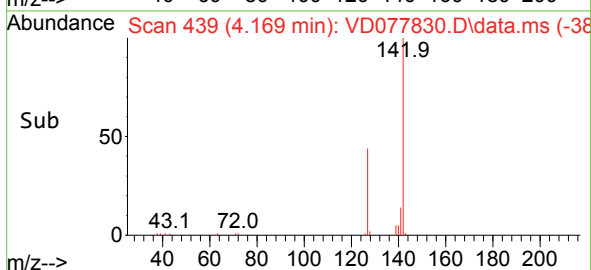
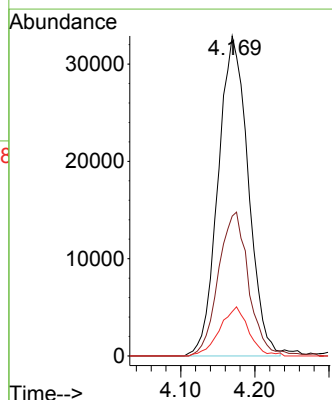
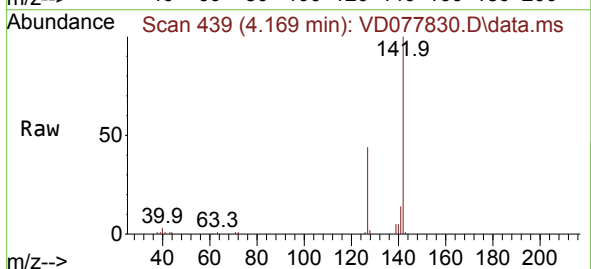
Instrument :
MSVOA_D
ClientSampleId :

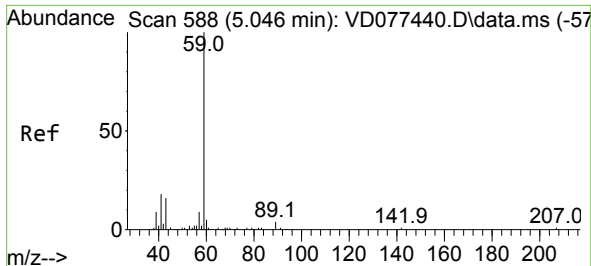
Tgt Ion:101 Resp: 74875
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 77.4 59.8 89.6



#10
Methyl Iodide
Concen: 62.527 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:142 Resp: 92551
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 14.8 11.1 16.7

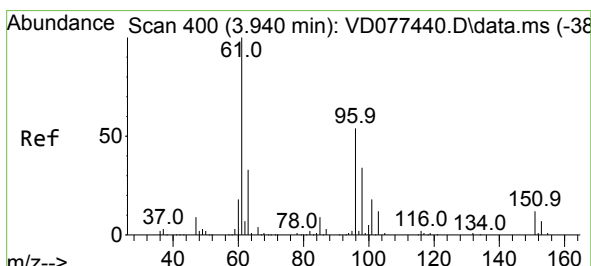
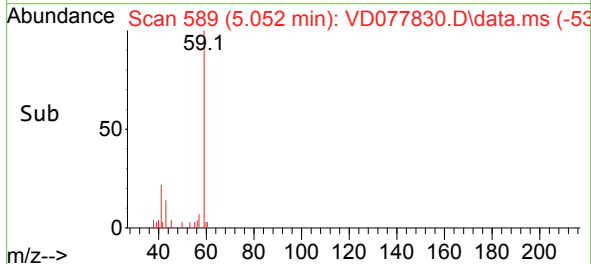
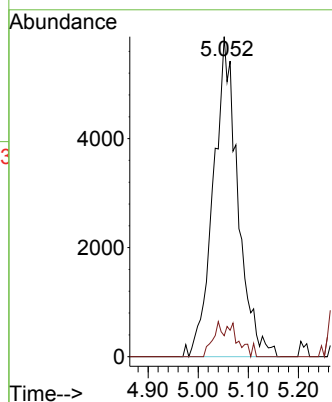
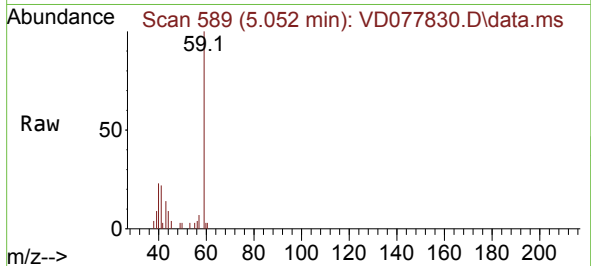




#11
Tert butyl alcohol
Concen: 261.786 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

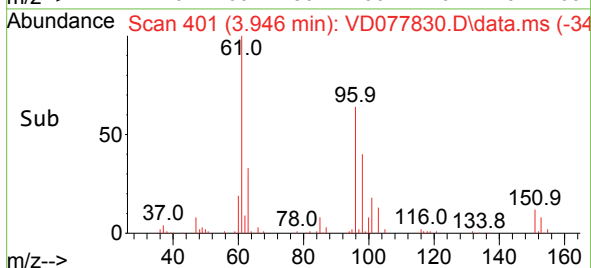
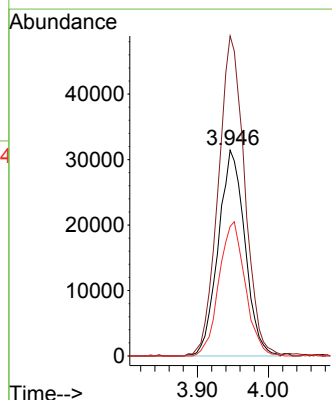
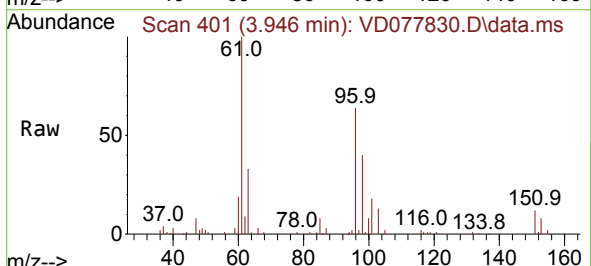
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 19935
Ion Ratio Lower Upper
59 100
57 4.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 50.632 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

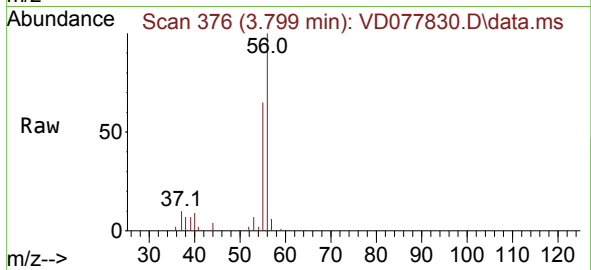
Tgt Ion: 96 Resp: 81841
Ion Ratio Lower Upper
96 100
61 155.5 100.6 150.8#
98 62.9 50.2 75.2



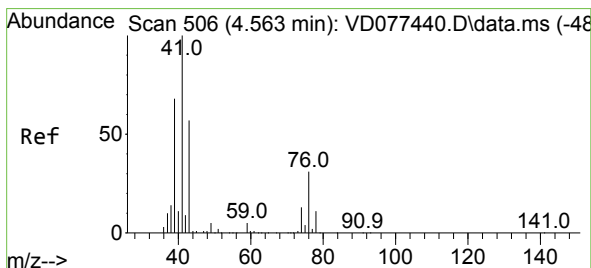
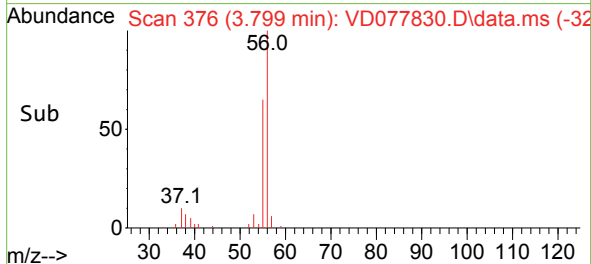
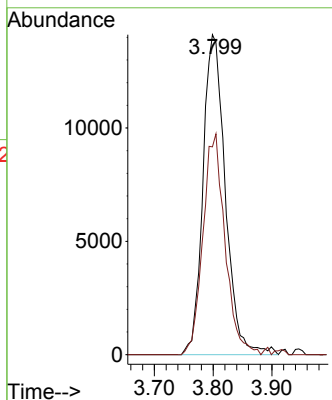


#13
Acrolein
Concen: 222.504 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

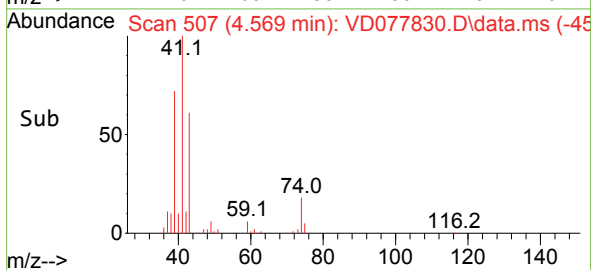
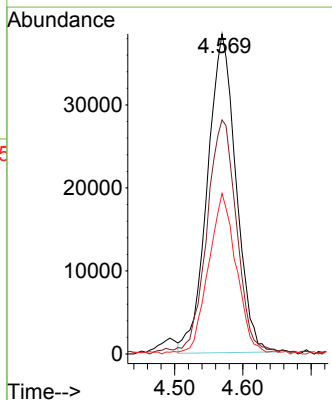
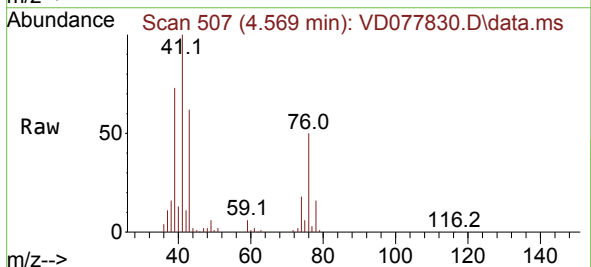


Tgt Ion: 56 Resp: 37295
Ion Ratio Lower Upper
56 100
55 68.1 55.1 82.7



#14
Allyl chloride
Concen: 50.461 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 41 Resp: 112179
Ion Ratio Lower Upper
41 100
39 76.1 53.8 80.6
76 49.3 45.8 68.8

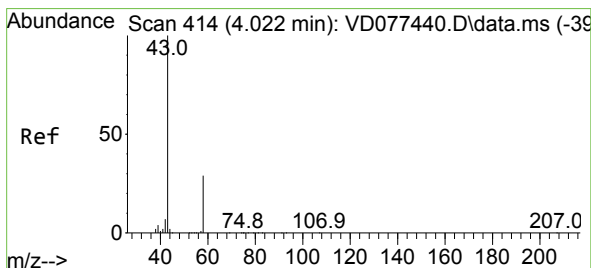
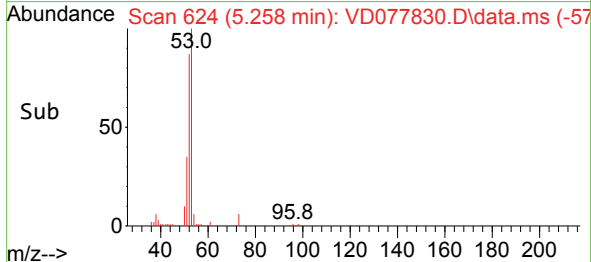
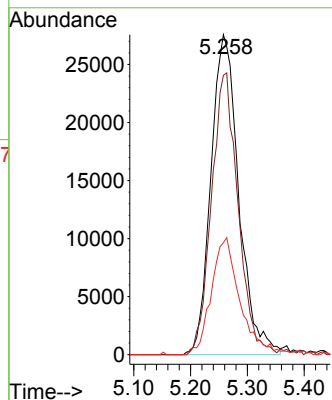
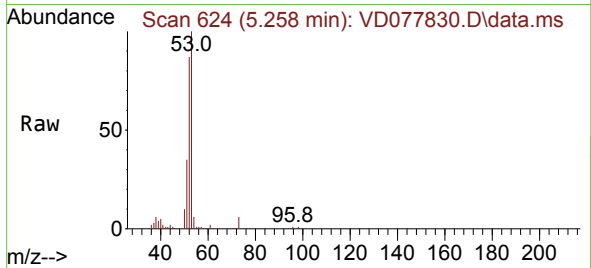




#15
Acrylonitrile
Concen: 272.986 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

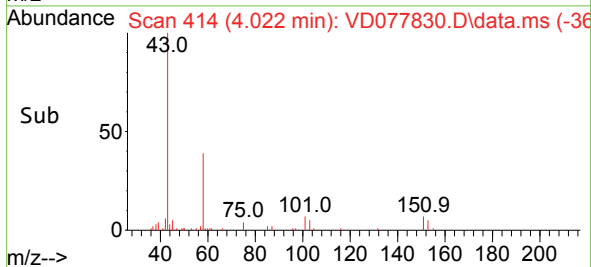
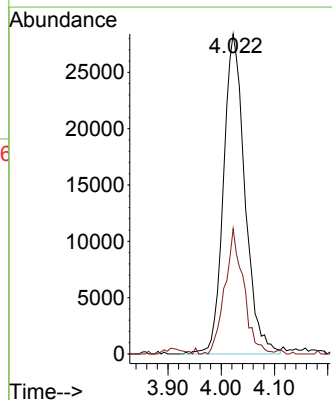
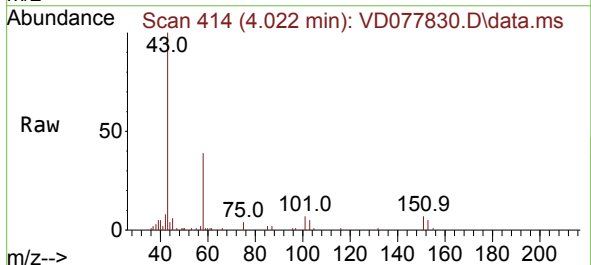
Instrument :
MSVOA_D
ClientSampleId :

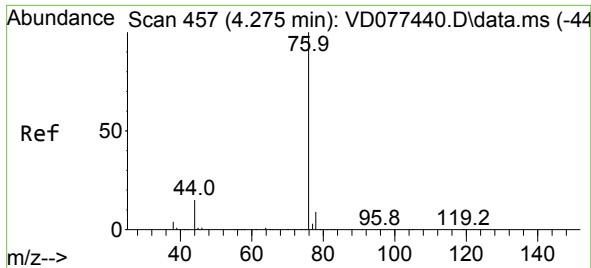
Tgt Ion: 53 Resp: 93955
Ion Ratio Lower Upper
53 100
52 83.9 65.0 97.4
51 37.5 28.3 42.5



#16
Acetone
Concen: 229.093 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 43 Resp: 79356
Ion Ratio Lower Upper
43 100
58 38.5 34.7 52.1

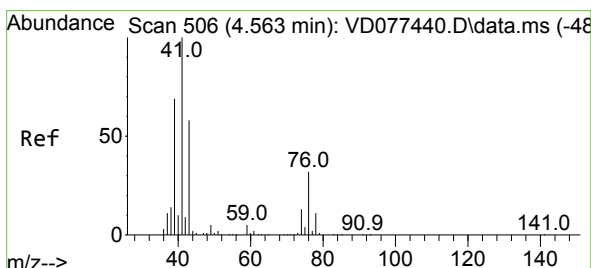
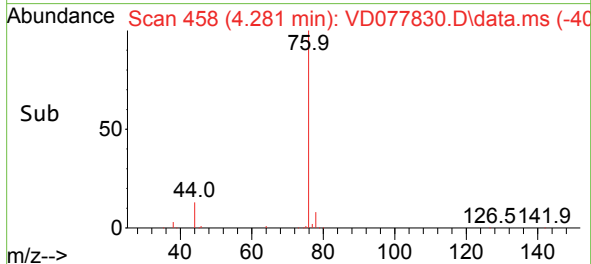
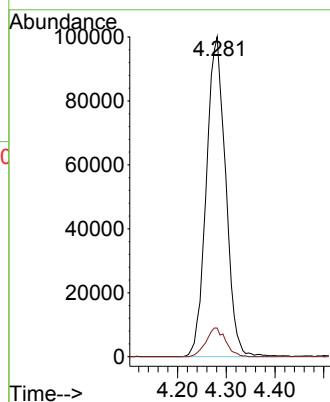
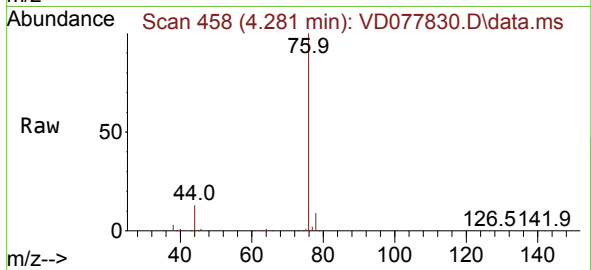




#17
Carbon Disulfide
Concen: 50.290 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

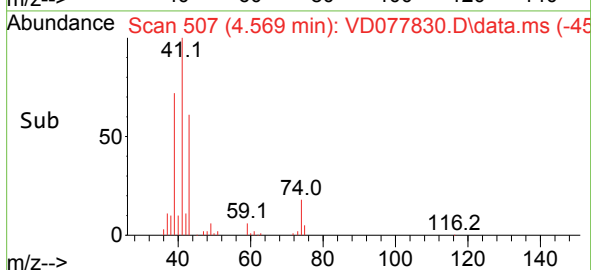
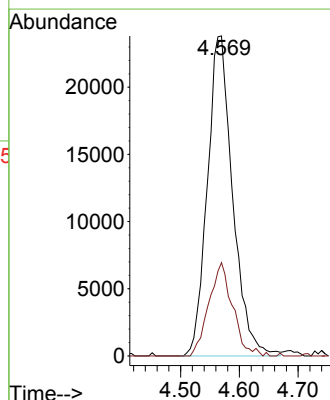
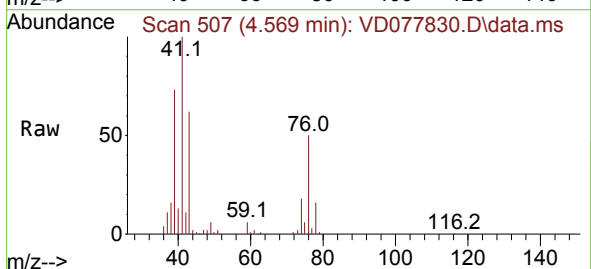
Instrument :
MSVOA_D
ClientSampleId :

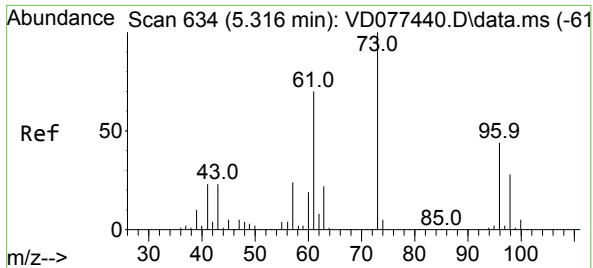
Tgt Ion: 76 Resp: 275012
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 57.092 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 43 Resp: 71246
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.793 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

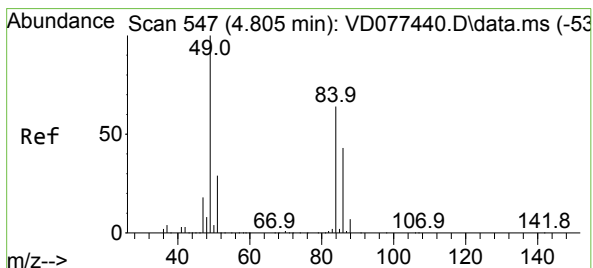
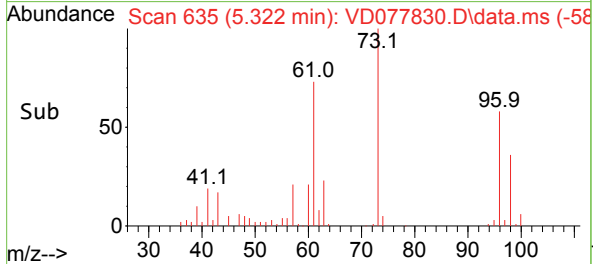
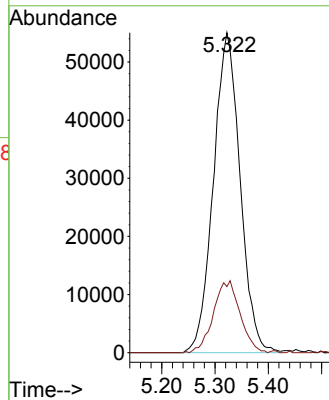
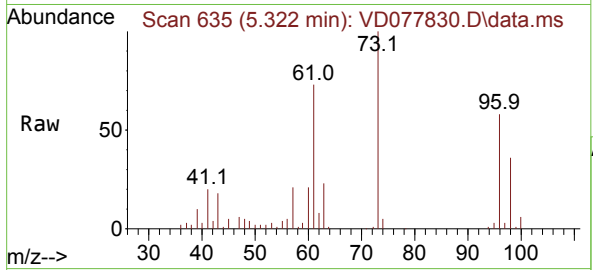
ClientSampleId :

Tgt Ion: 73 Resp: 191337

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 58.622 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Tgt Ion: 84 Resp: 108438

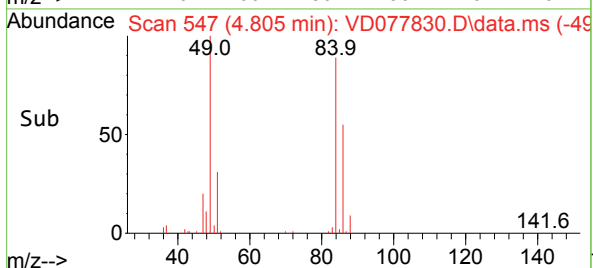
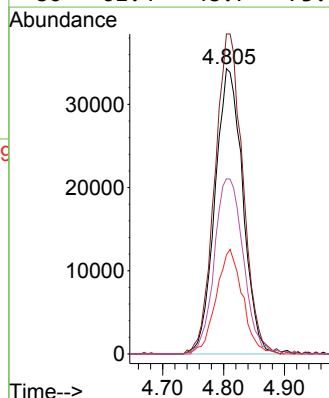
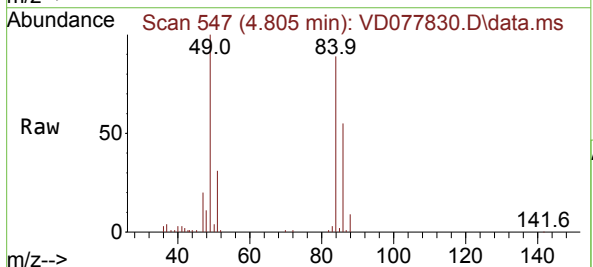
Ion Ratio Lower Upper

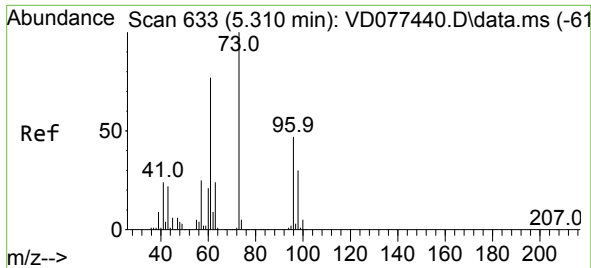
84 100

49 112.2 71.4 107.2#

51 34.8 24.5 36.7

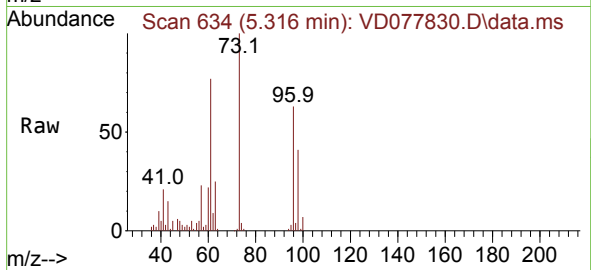
86 61.4 48.7 73.1



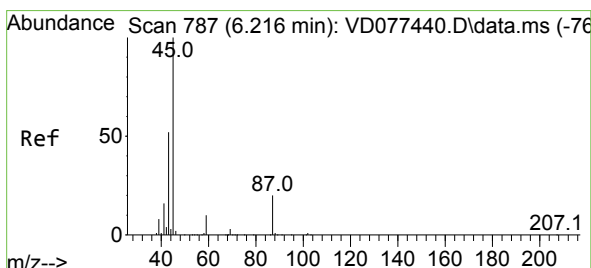
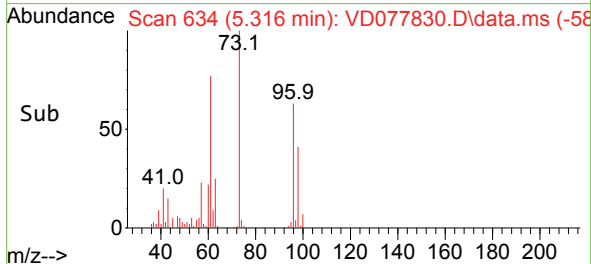
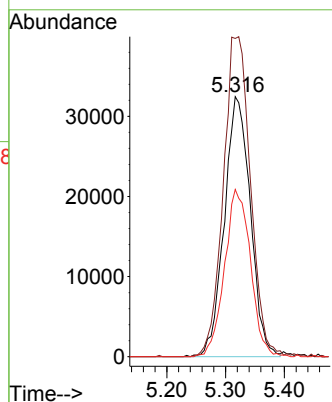


#21
trans-1,2-Dichloroethene
Concen: 54.557 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

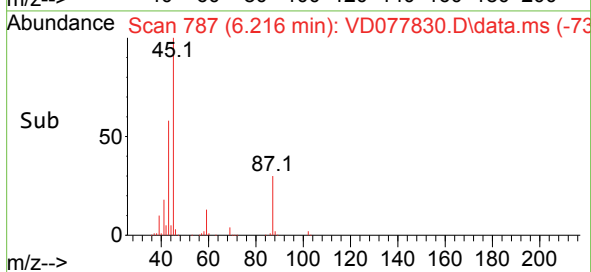
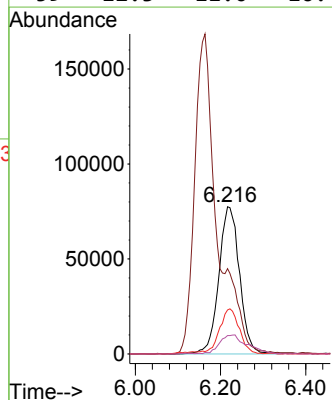
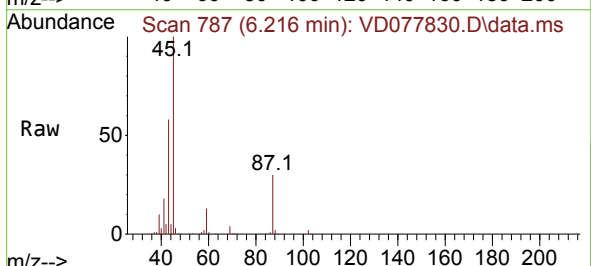


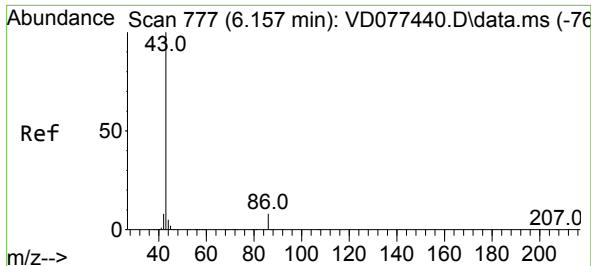
Tgt Ion: 96 Resp: 99884
Ion Ratio Lower Upper
96 100
61 122.4 89.3 133.9
98 64.3 48.6 73.0



#22
Diisopropyl ether
Concen: 56.190 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 45 Resp: 261038
Ion Ratio Lower Upper
45 100
43 57.2 40.0 60.0
87 29.9 28.2 42.4
59 12.3 11.0 16.4

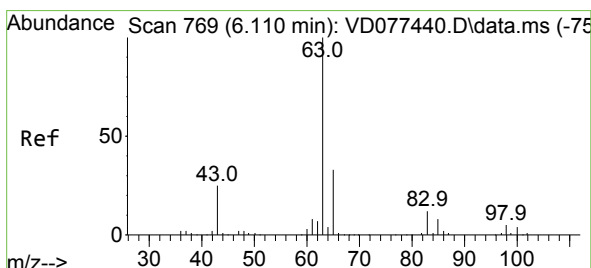
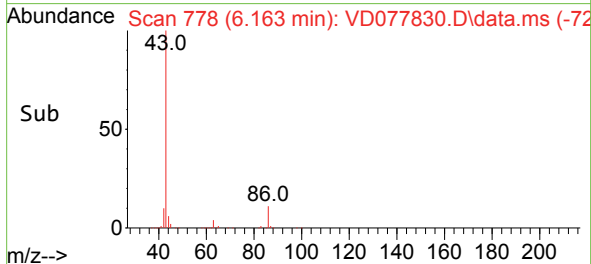
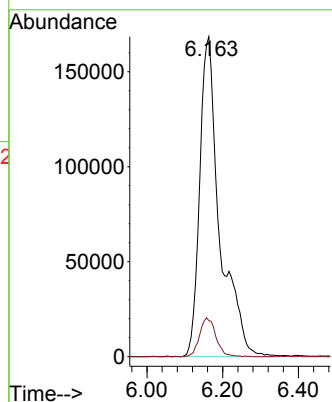
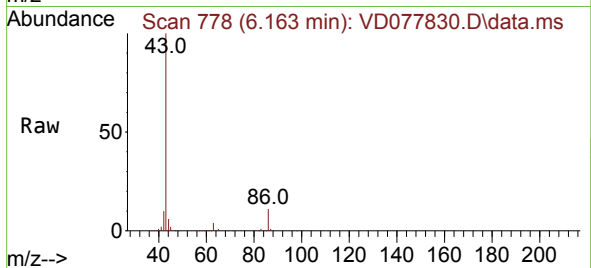




#23
 Vinyl Acetate
 Concen: 272.887 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

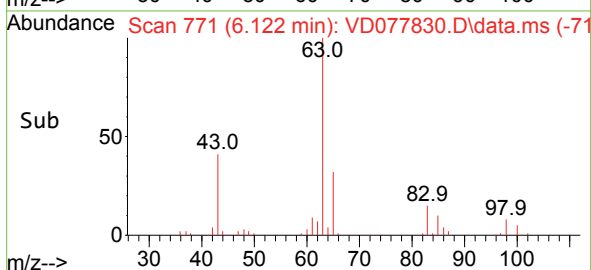
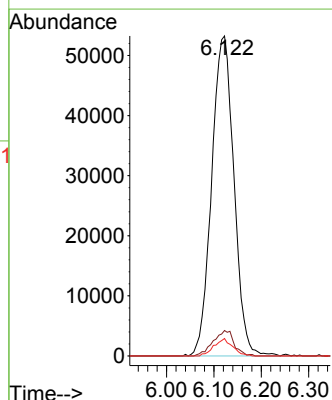
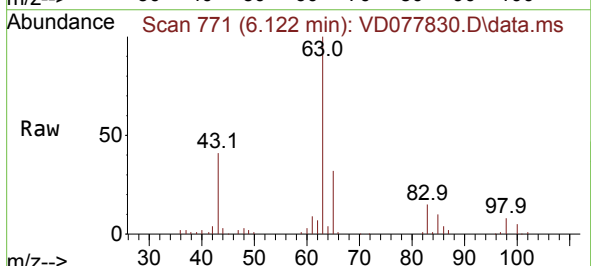
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 619080
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 55.361 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

Tgt Ion: 63 Resp: 174167
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 5.4 2.5 7.5

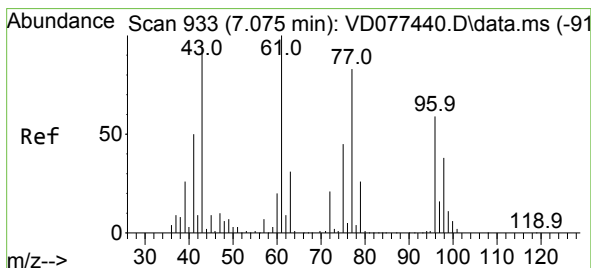
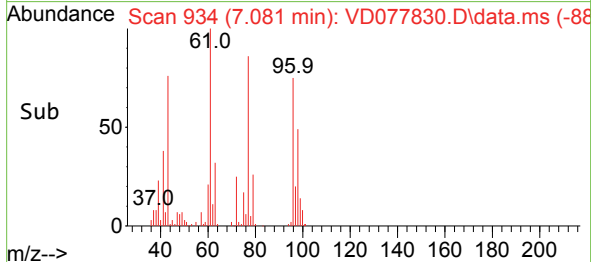
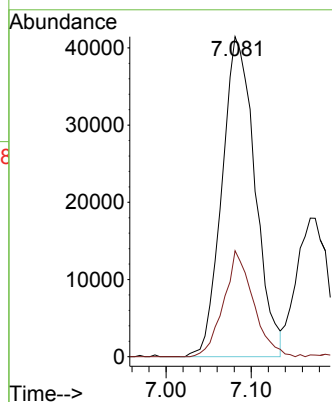
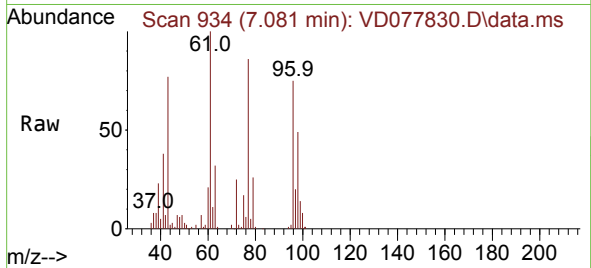




#25
2-Butanone
Concen: 256.950 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

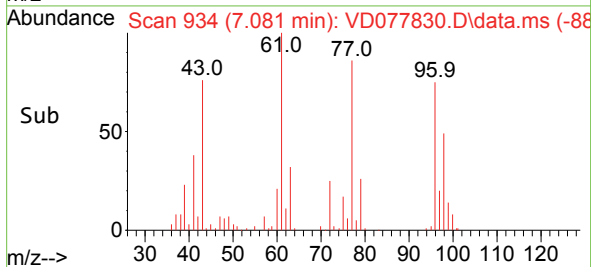
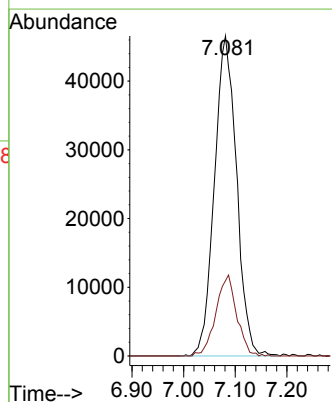
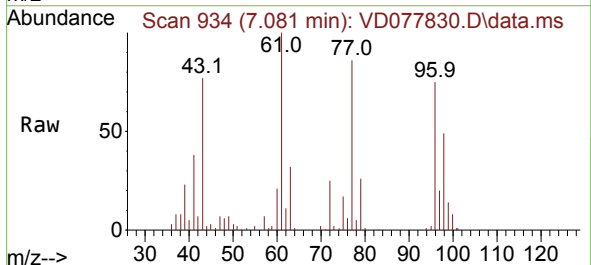
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 111736
Ion Ratio Lower Upper
43 100
72 33.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.342 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

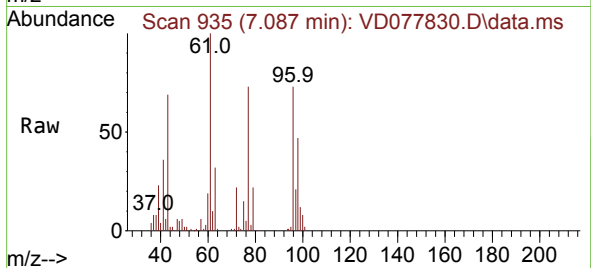
Tgt Ion: 77 Resp: 138257
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6



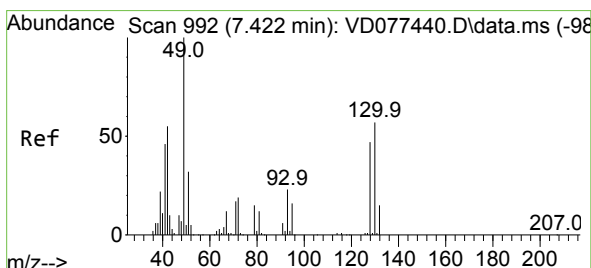
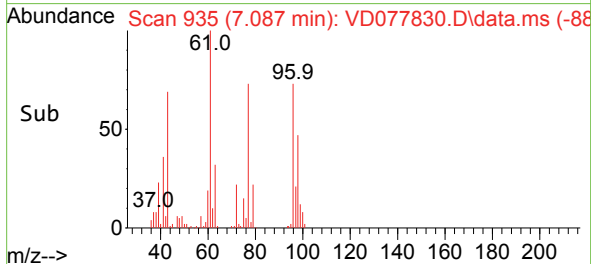
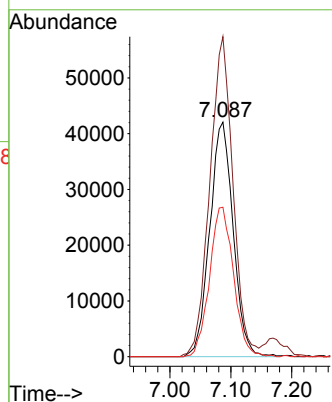


#27
cis-1,2-Dichloroethene
Concen: 57.085 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

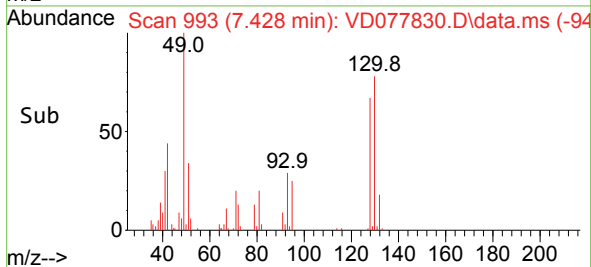
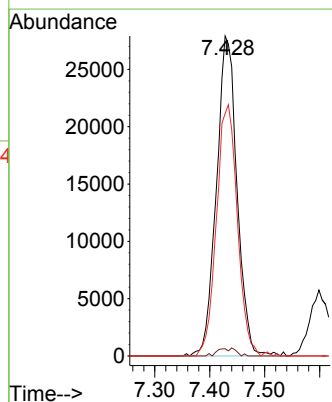
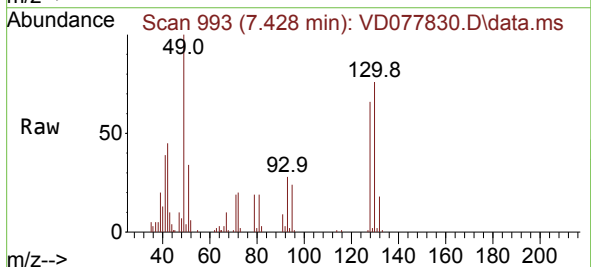


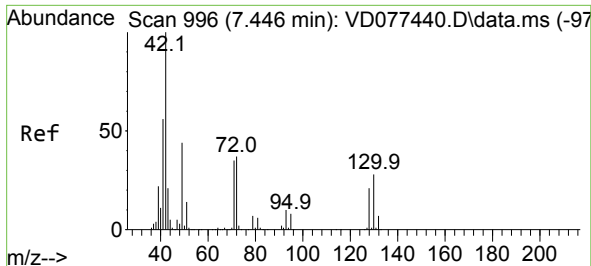
Tgt Ion: 96 Resp: 112458
Ion Ratio Lower Upper
96 100
61 134.7 0.0 239.2
98 65.3 0.0 128.6



#28
Bromochloromethane
Concen: 57.262 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 49 Resp: 72794
Ion Ratio Lower Upper
49 100
129 1.4 0.0 6.0
130 79.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 272.183 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077830.D

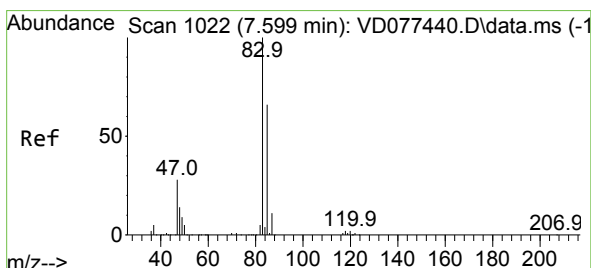
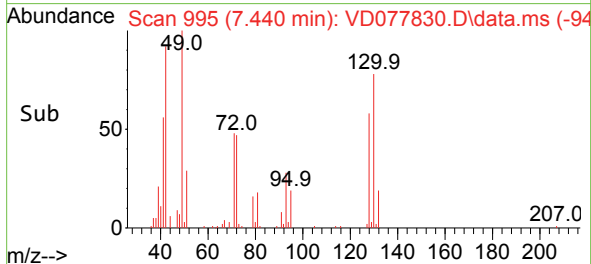
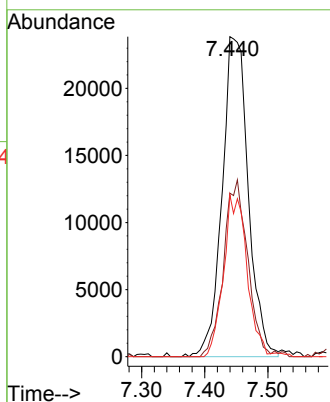
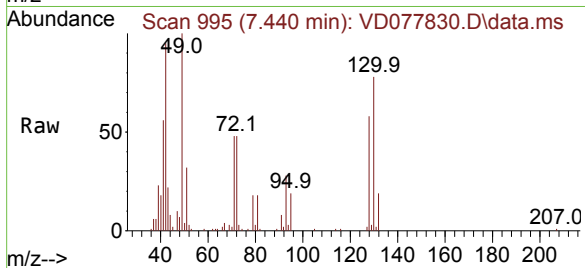
Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	68678
Ion	Ratio	Lower	Upper
42	100		
72	51.4	46.5	69.7
71	45.3	44.5	66.7



#30

Chloroform

Concen: 55.536 ug/l

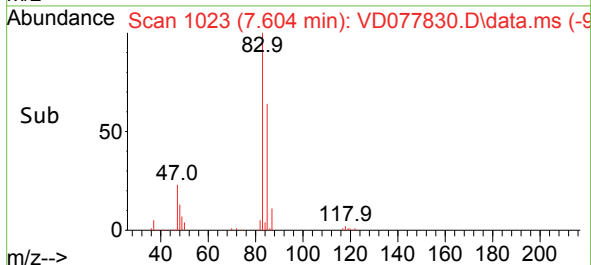
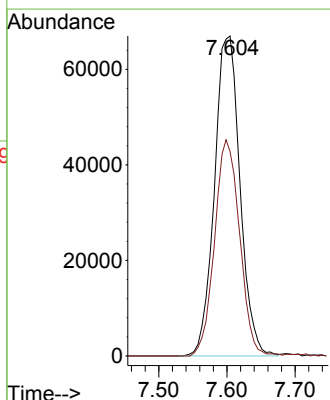
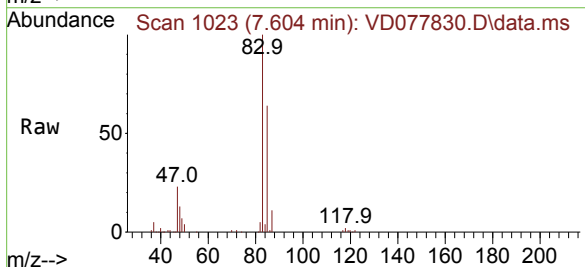
RT: 7.604 min Scan# 1023

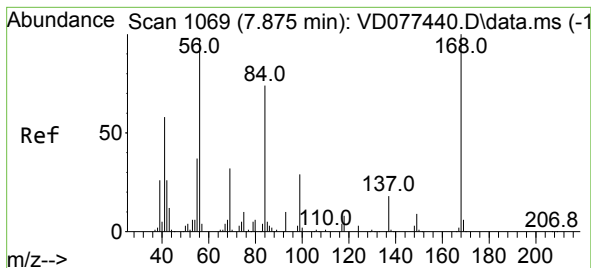
Delta R.T. 0.005 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Tgt Ion:	83	Resp:	174862
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.2





#31

Cyclohexane

Concen: 46.192 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

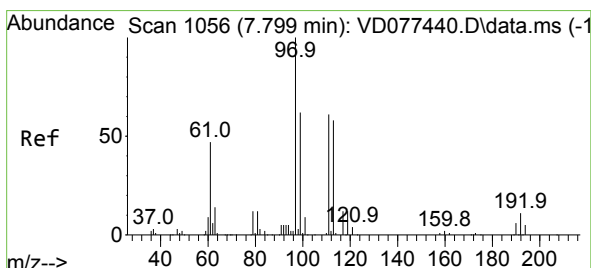
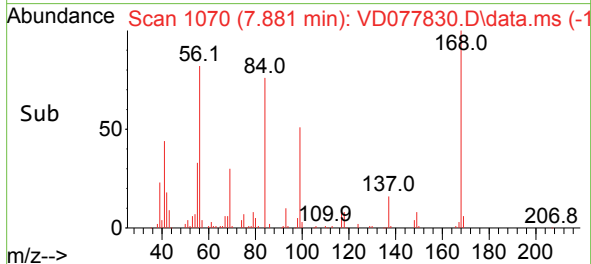
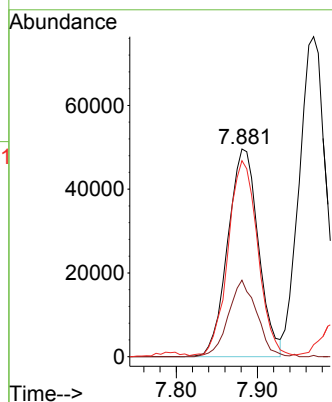
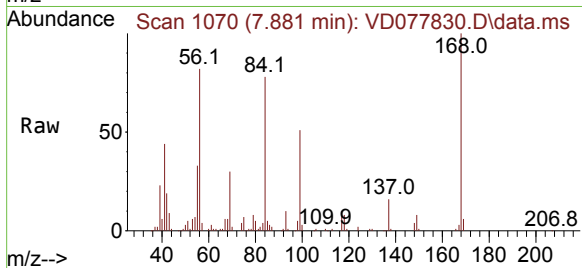
Tgt Ion: 56 Resp: 130188

Ion Ratio Lower Upper

56 100

69 36.8 28.6 43.0

84 93.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 53.334 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

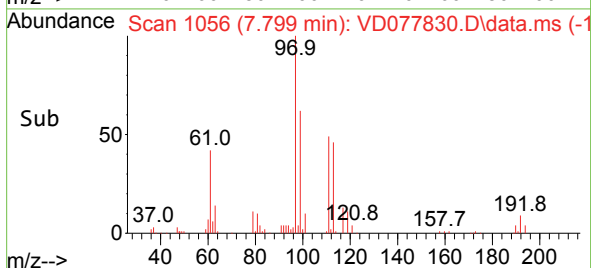
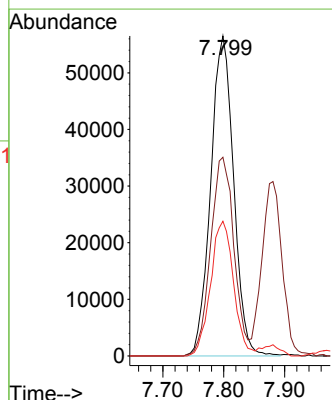
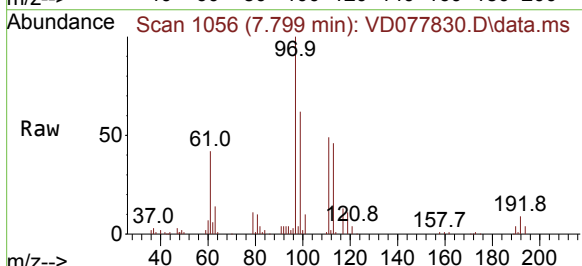
Tgt Ion: 97 Resp: 148039

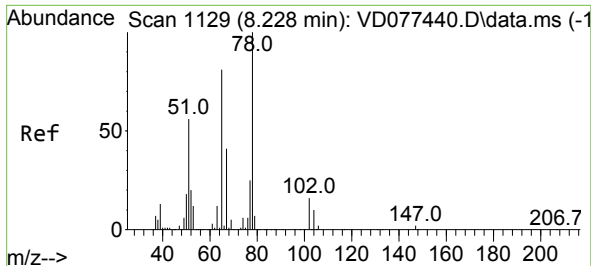
Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.607 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

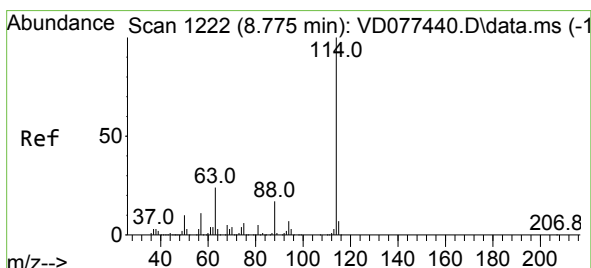
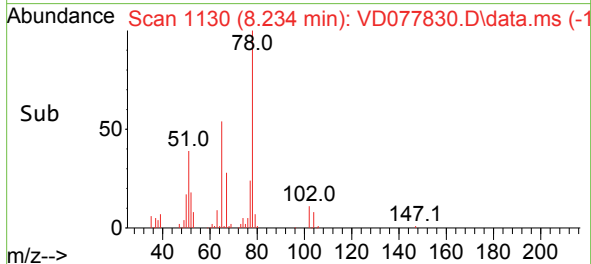
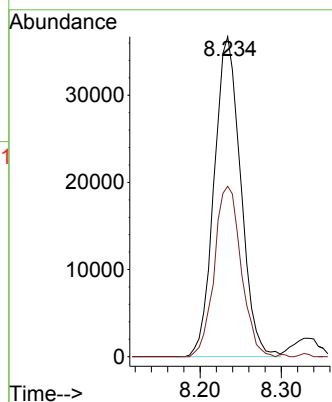
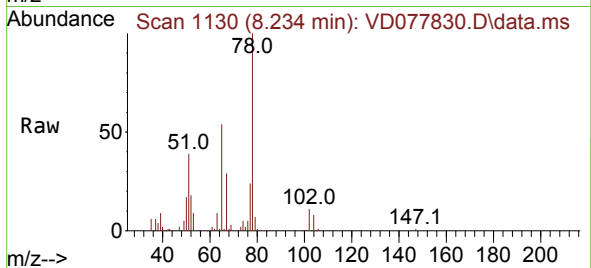
ClientSampleId :

Tgt Ion: 65 Resp: 83357

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

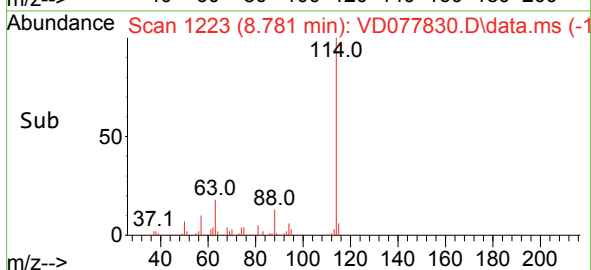
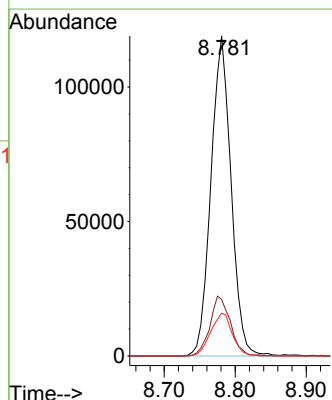
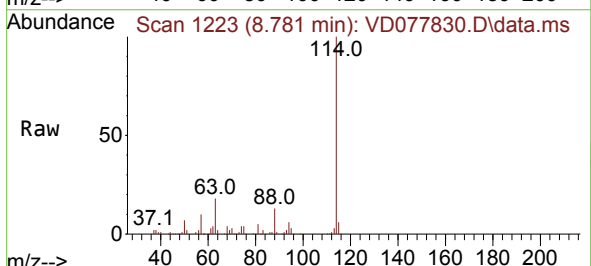
Tgt Ion: 114 Resp: 233950

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.3 0.0 26.2

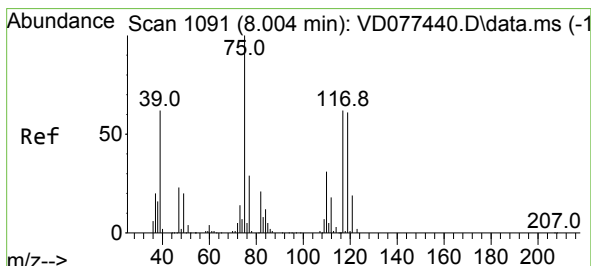
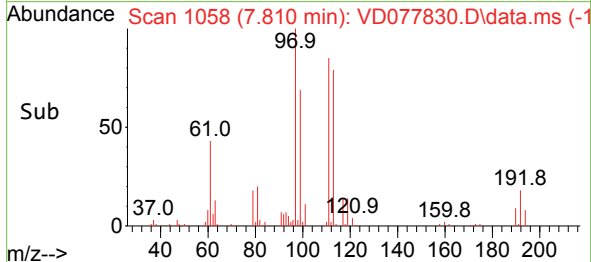
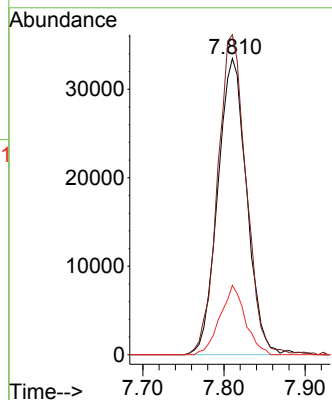
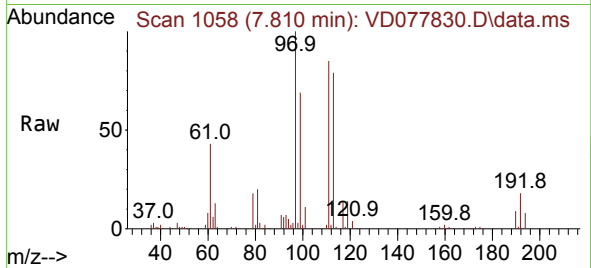




#35
 Dibromofluoromethane
 Concen: 50.438 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

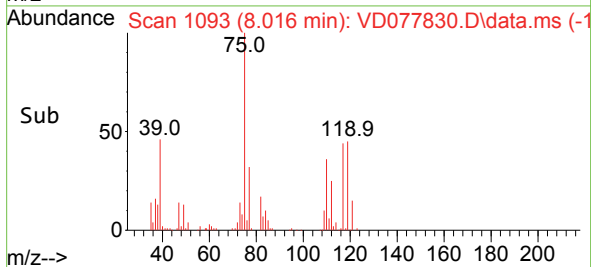
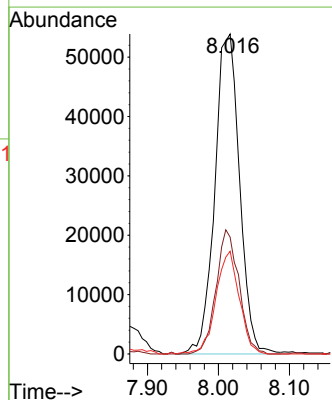
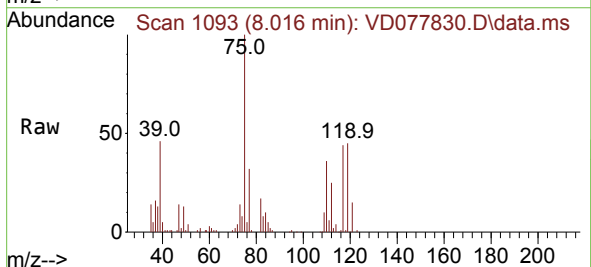
Instrument :
 MSVOA_D
 ClientSampleId :

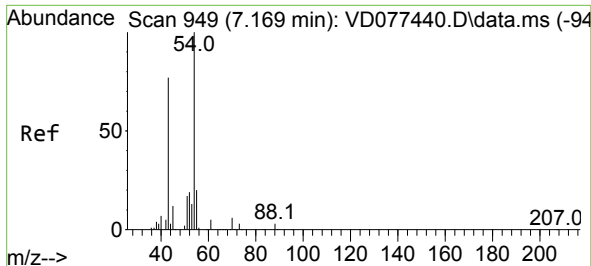
Tgt Ion:113 Resp: 82655
 Ion Ratio Lower Upper
 113 100
 111 106.7 84.7 127.1
 192 20.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 49.739 ug/l
 RT: 8.016 min Scan# 1093
 Delta R.T. 0.012 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

Tgt Ion: 75 Resp: 130379
 Ion Ratio Lower Upper
 75 100
 110 35.9 19.9 59.6
 77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 48.489 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

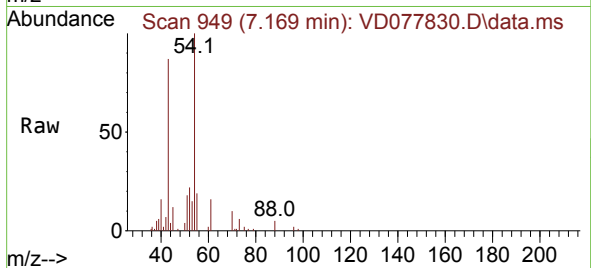
Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :



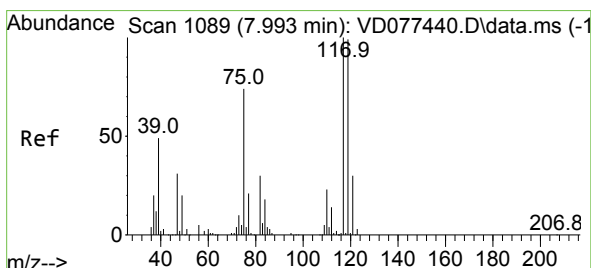
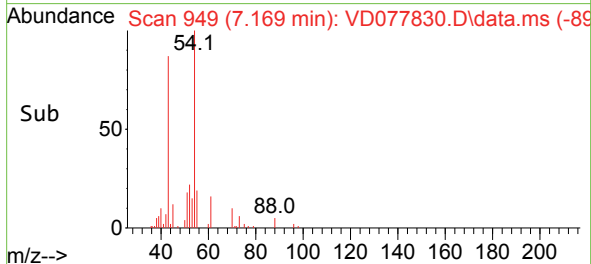
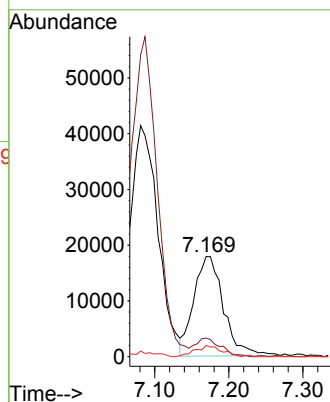
Tgt Ion: 43 Resp: 49560

Ion Ratio Lower Upper

43 100

61 15.9 14.9 22.3

70 10.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 49.599 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

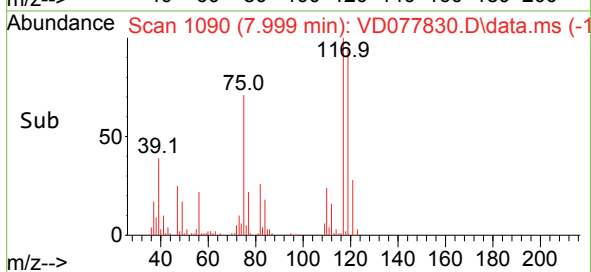
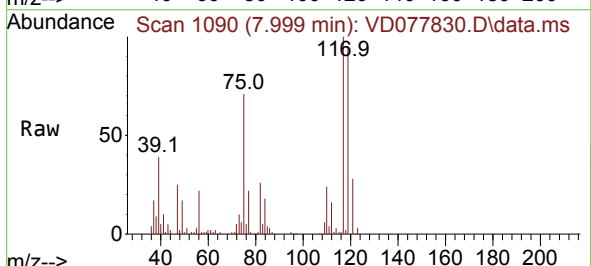
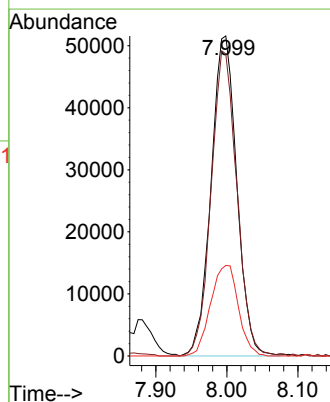
Tgt Ion: 117 Resp: 129613

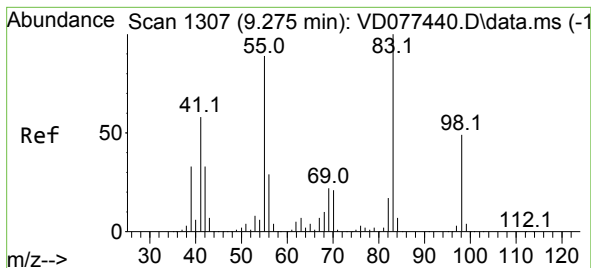
Ion Ratio Lower Upper

117 100

119 94.4 78.0 117.0

121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 48.212 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

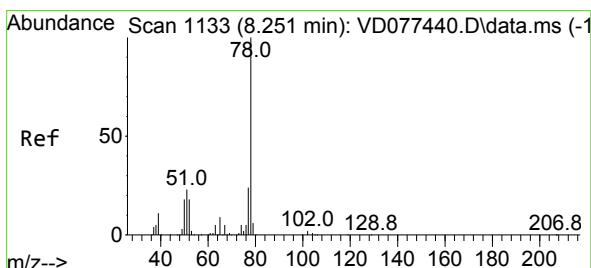
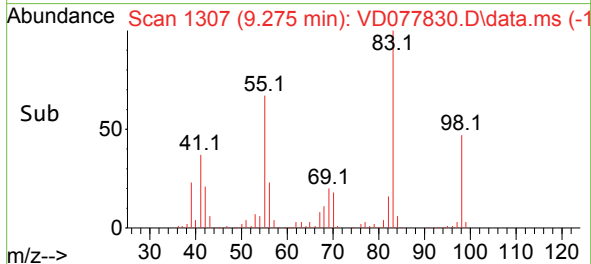
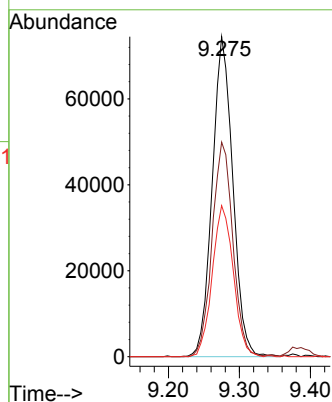
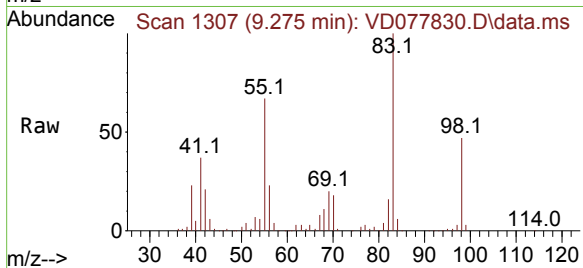
Tgt Ion: 83 Resp: 149819

Ion Ratio Lower Upper

83 100

55 67.1 49.4 74.0

98 47.2 38.4 57.6



#40

Benzene

Concen: 53.503 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077830.D

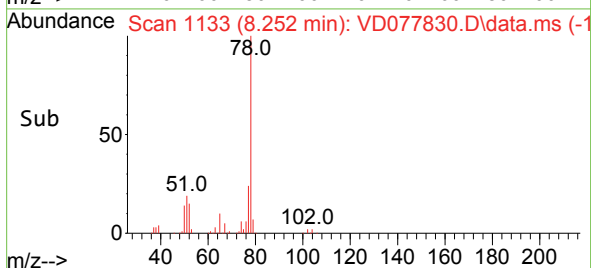
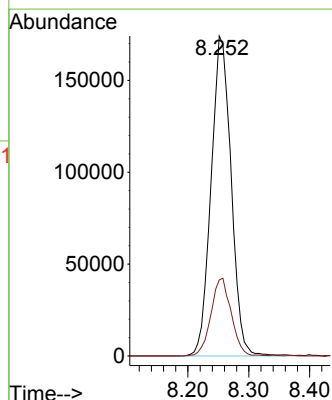
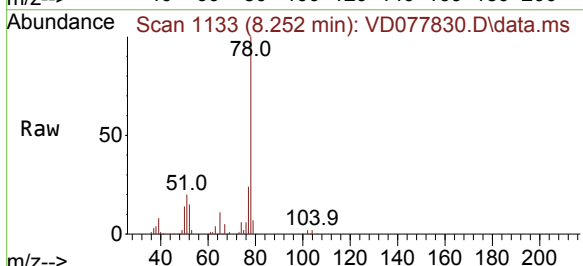
Acq: 11 Dec 2023 23:45

Tgt Ion: 78 Resp: 398042

Ion Ratio Lower Upper

78 100

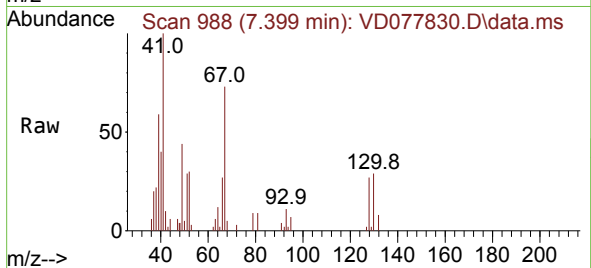
77 23.8 19.4 29.0



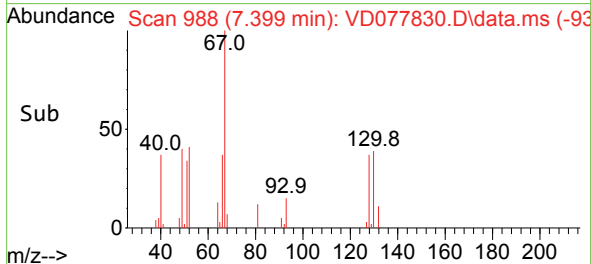
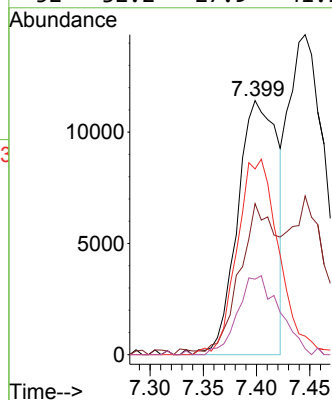


#41
Methacrylonitrile
Concen: 57.543 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

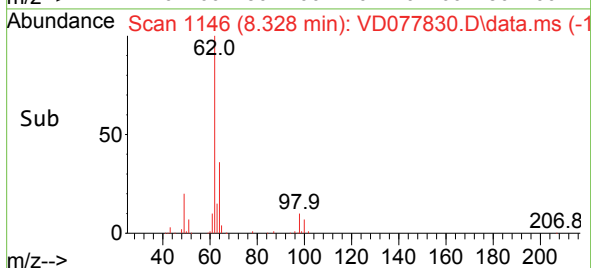
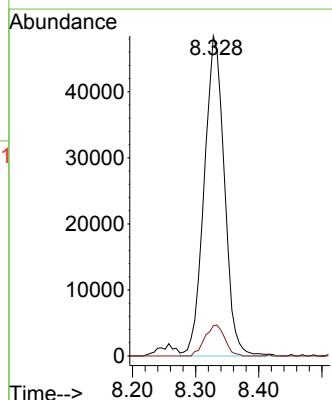
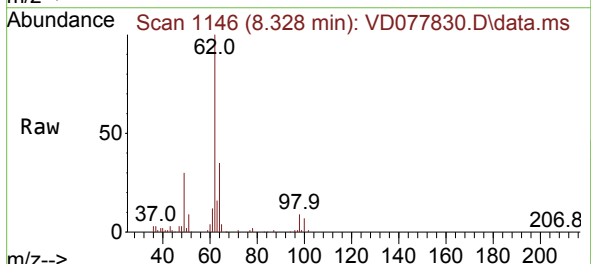


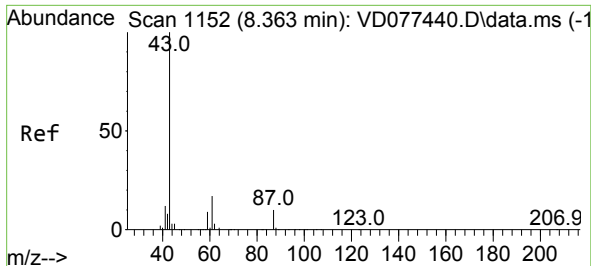
Tgt Ion: 41 Resp: 29893
Ion Ratio Lower Upper
41 100
39 52.2 34.0 51.0#
67 80.4 77.0 115.4
52 32.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.893 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

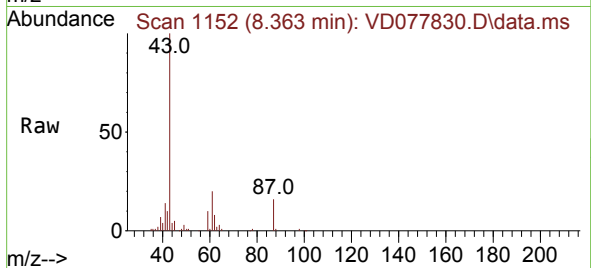
Tgt Ion: 62 Resp: 107788
Ion Ratio Lower Upper
62 100
98 9.5 0.0 25.4



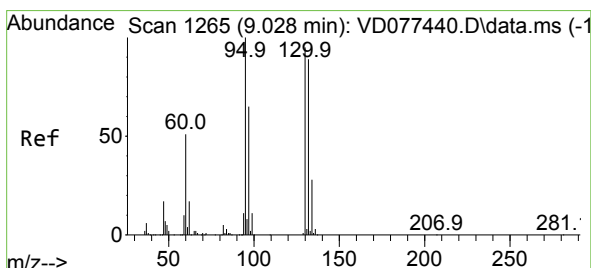
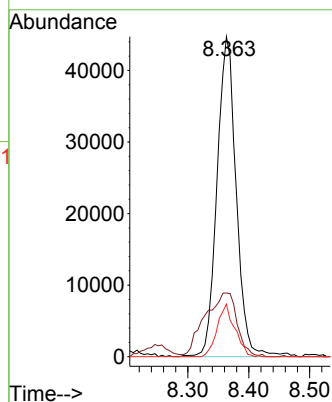
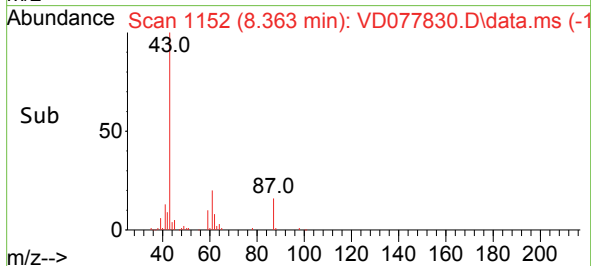


#43
Isopropyl Acetate
Concen: 53.707 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

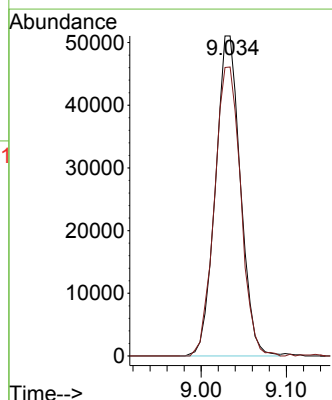
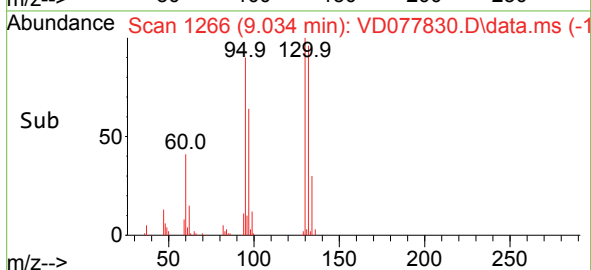
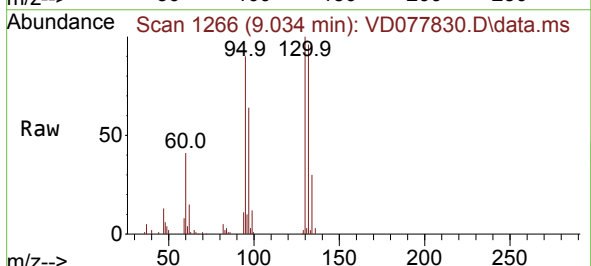


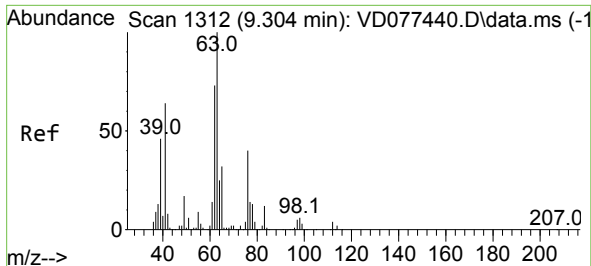
Tgt Ion: 43 Resp: 97580
Ion Ratio Lower Upper
43 100
61 33.5 31.4 47.0
87 15.1 14.9 22.3



#44
Trichloroethene
Concen: 53.585 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:130 Resp: 103889
Ion Ratio Lower Upper
130 100
95 90.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.696 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

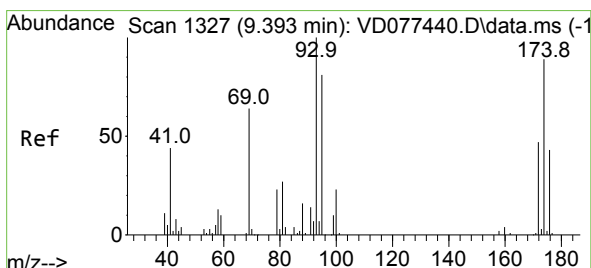
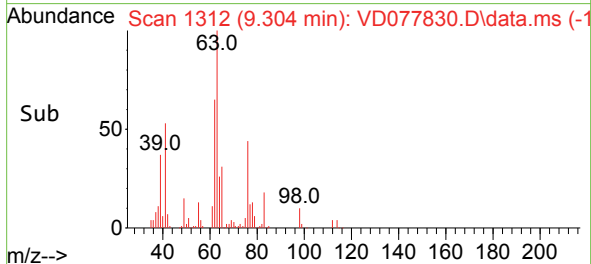
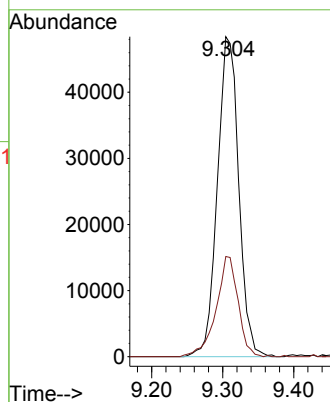
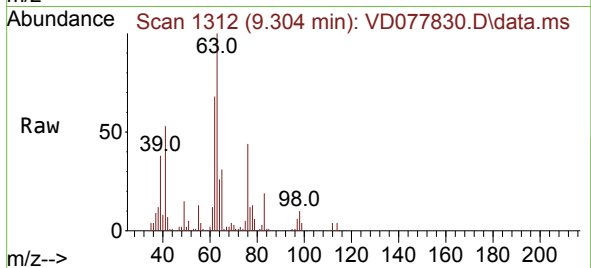
ClientSampleId :

Tgt Ion: 63 Resp: 100729

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 54.829 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

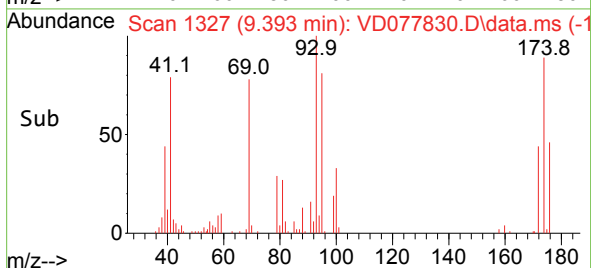
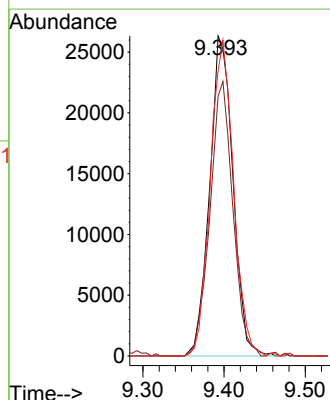
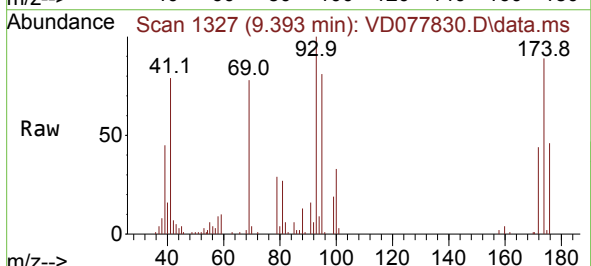
Tgt Ion: 93 Resp: 52468

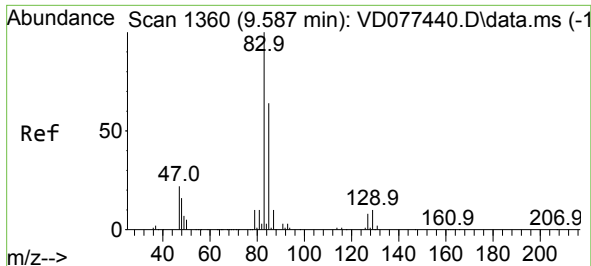
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

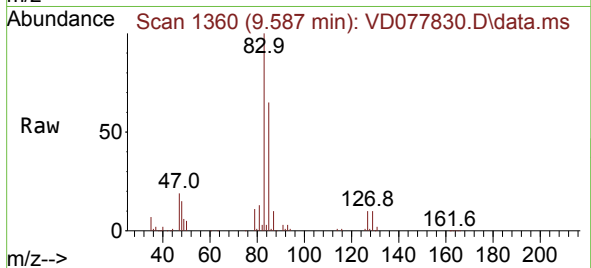
174 98.8 85.4 128.2



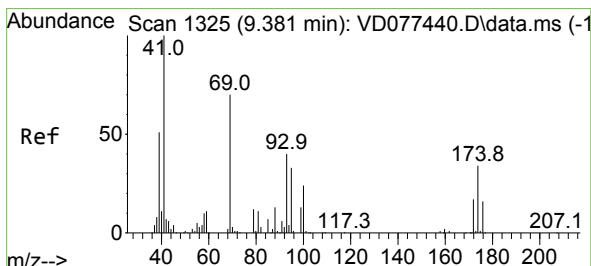
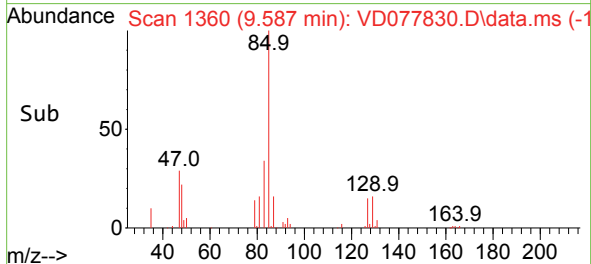
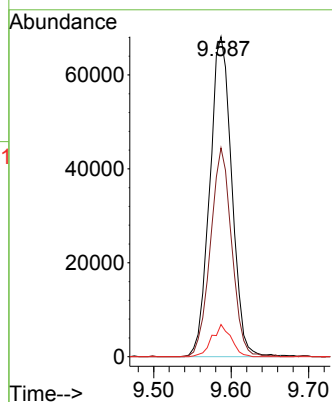


#47
Bromodichloromethane
Concen: 55.338 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

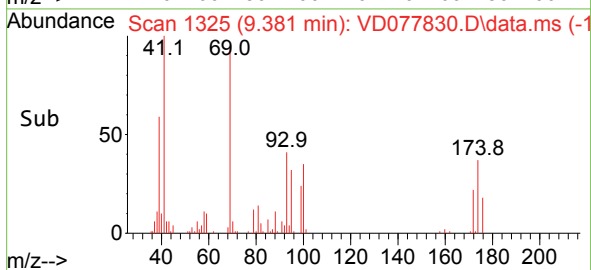
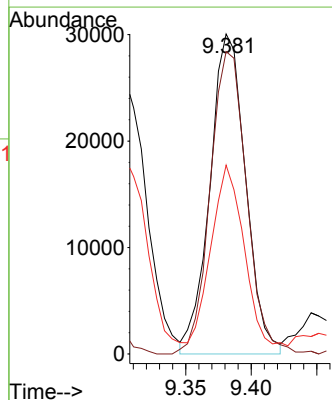
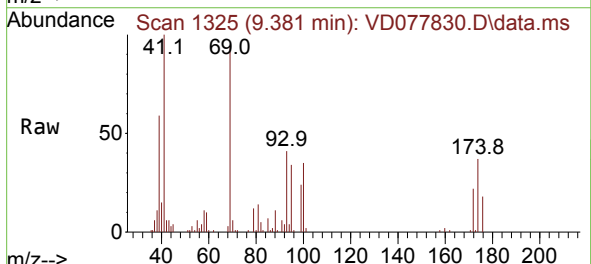


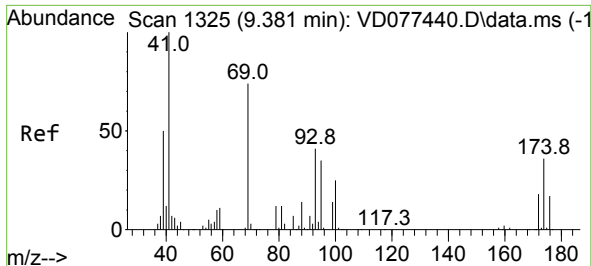
Tgt Ion: 83 Resp: 134223
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 10.1 6.3 9.5#



#48
Methyl methacrylate
Concen: 55.135 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 41 Resp: 56944
Ion Ratio Lower Upper
41 100
69 96.2 102.2 153.2#
39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 989.259 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

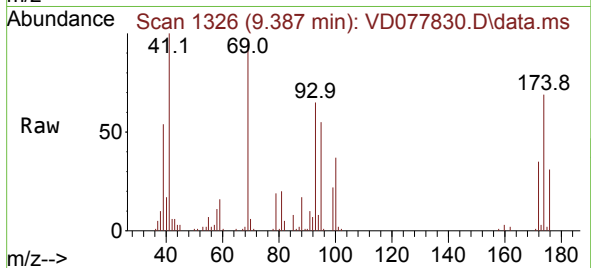
Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :



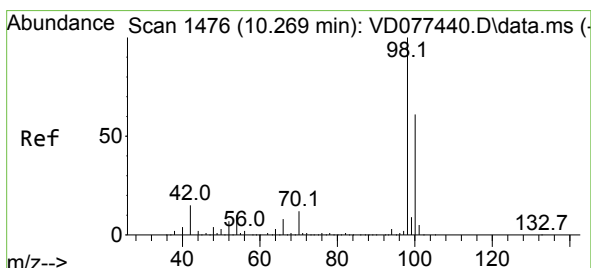
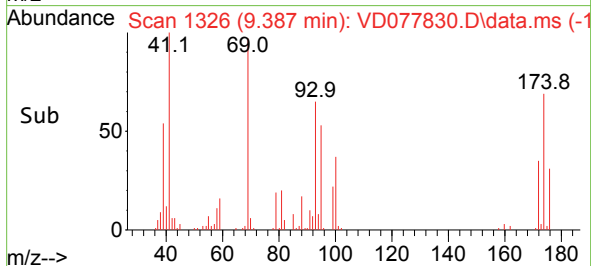
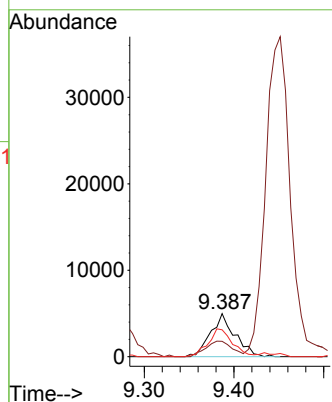
Tgt Ion: 88 Resp: 9400

Ion Ratio Lower Upper

88 100

43 39.1 19.0 28.6#

58 64.1 43.5 65.3



#50

Toluene-d8

Concen: 51.823 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077830.D

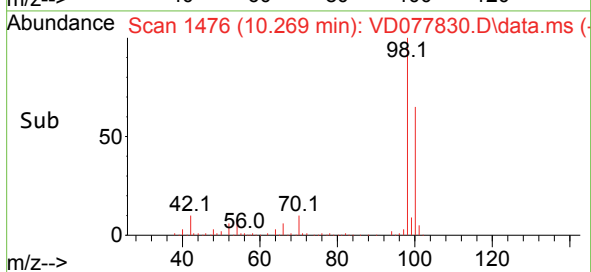
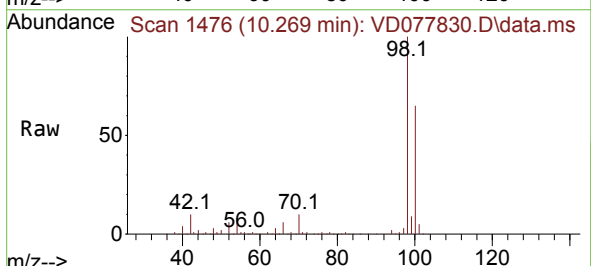
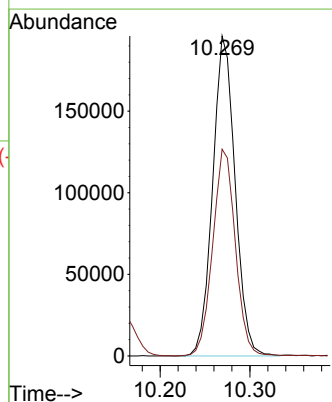
Acq: 11 Dec 2023 23:45

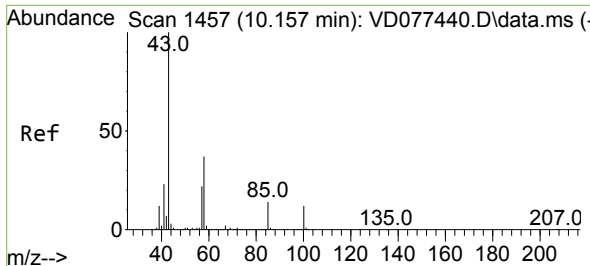
Tgt Ion: 98 Resp: 340137

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5

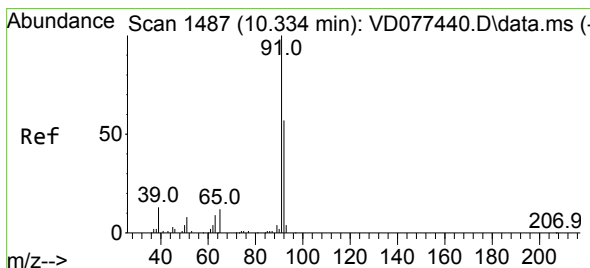
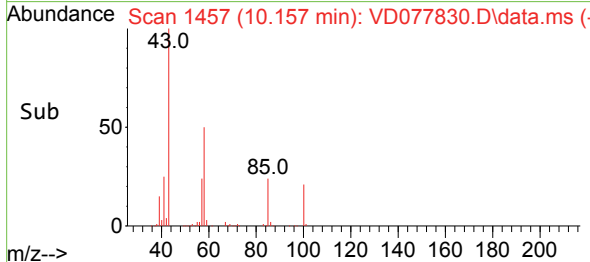
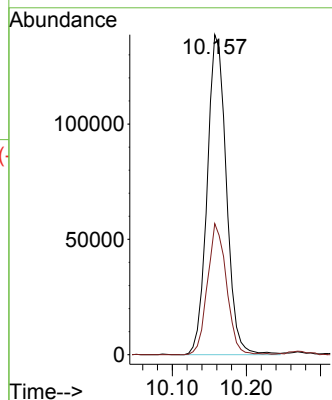
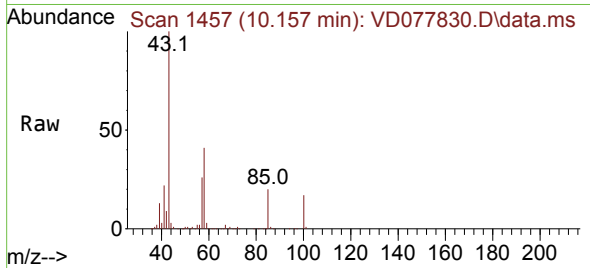




#51
4-Methyl-2-Pentanone
Concen: 268.848 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

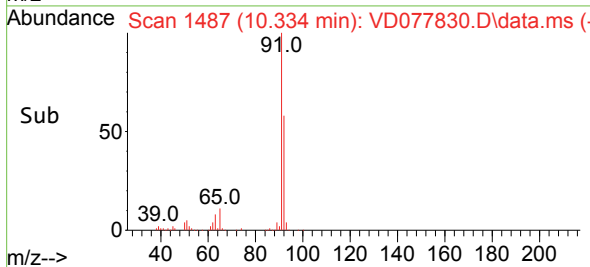
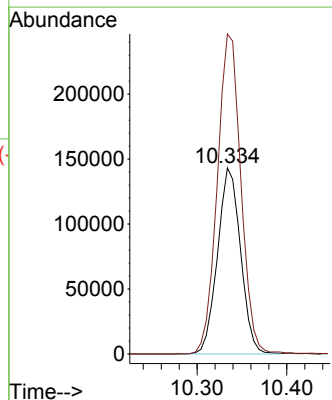
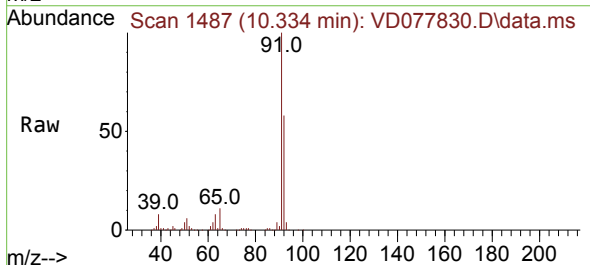
Instrument :
MSVOA_D
ClientSampleId :

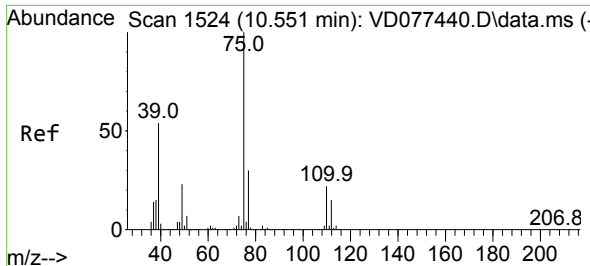
Tgt Ion: 43 Resp: 249294
Ion Ratio Lower Upper
43 100
58 40.6 38.9 58.3



#52
Toluene
Concen: 55.320 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 92 Resp: 255294
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

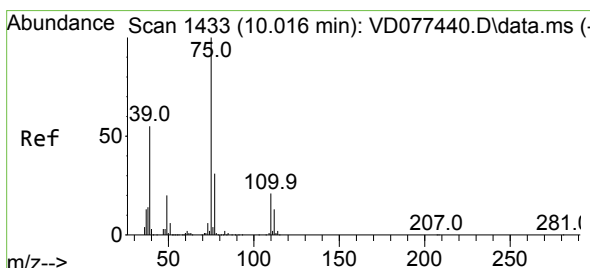
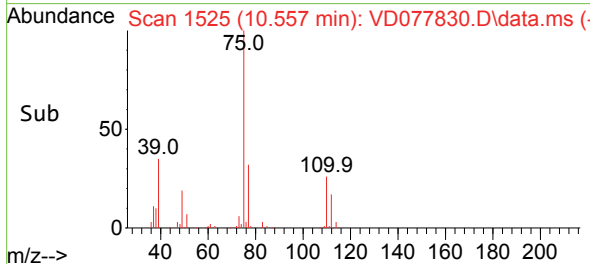
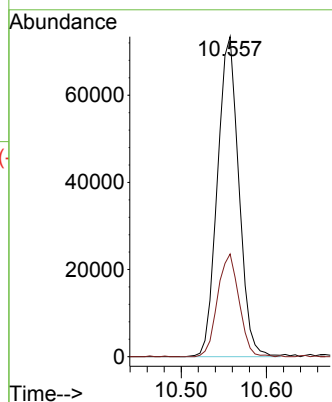
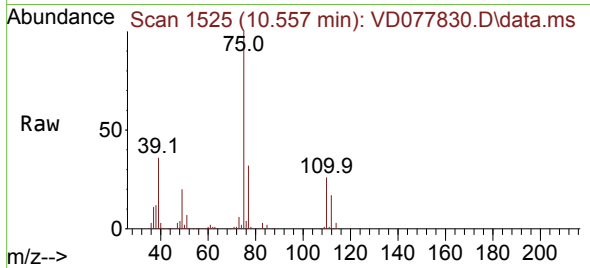




#53
t-1,3-Dichloropropene
Concen: 55.026 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

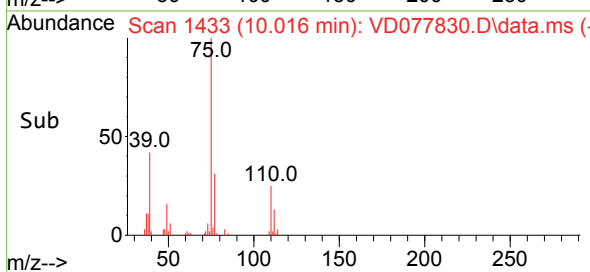
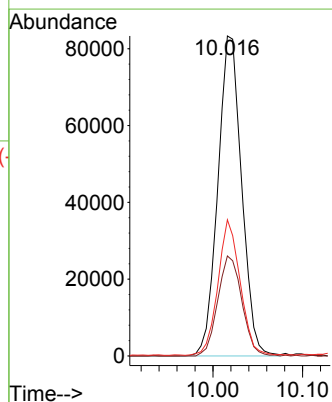
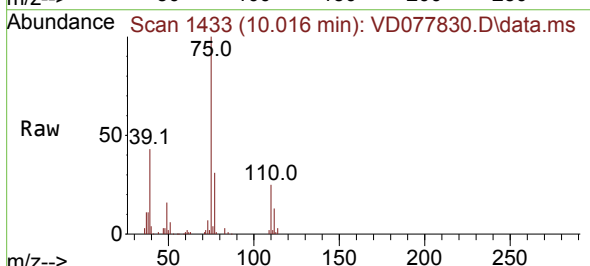
Instrument :
MSVOA_D
ClientSampleId :

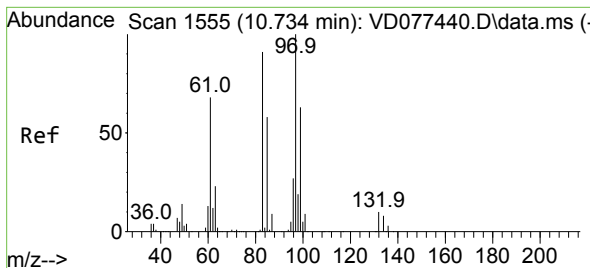
Tgt Ion: 75 Resp: 128167
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.436 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 75 Resp: 153297
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 42.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 55.439 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

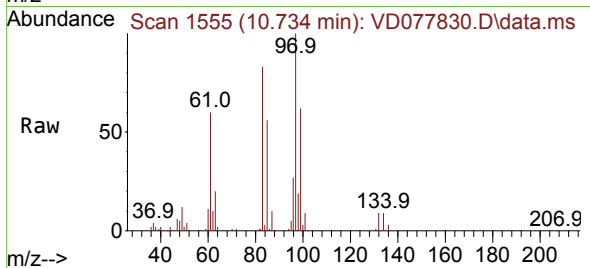
Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 72566

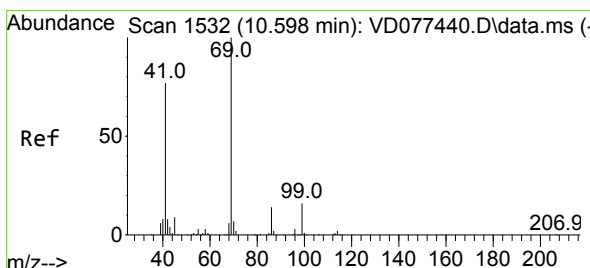
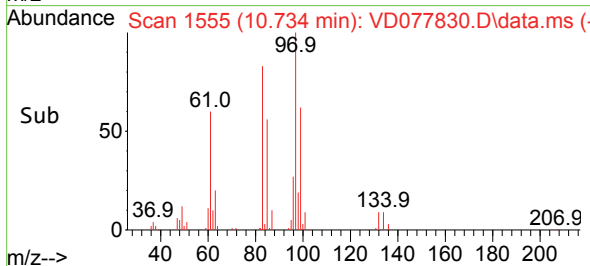
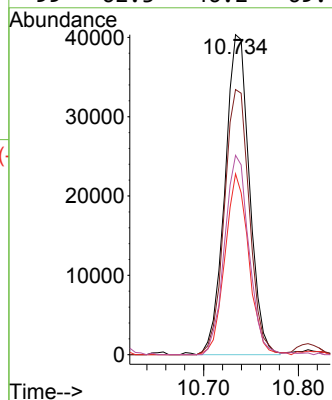
Ion Ratio Lower Upper

97 100

83 82.9 65.8 98.6

85 56.5 45.7 68.5

99 62.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.172 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

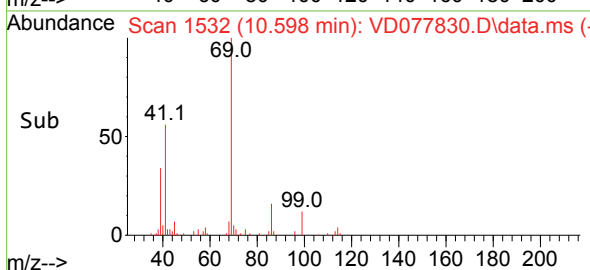
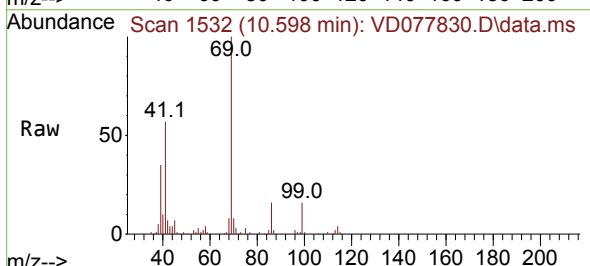
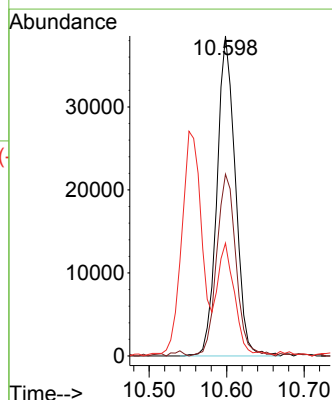
Tgt Ion: 69 Resp: 63661

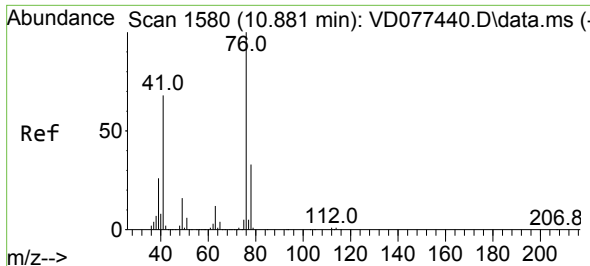
Ion Ratio Lower Upper

69 100

41 59.9 39.1 58.7#

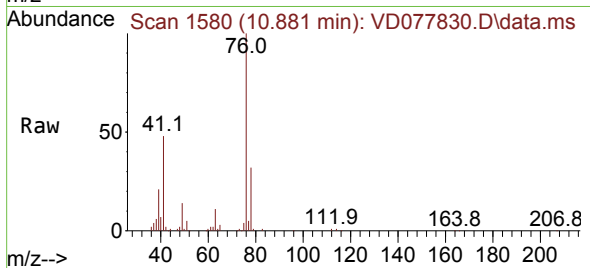
39 32.8 20.0 30.0#



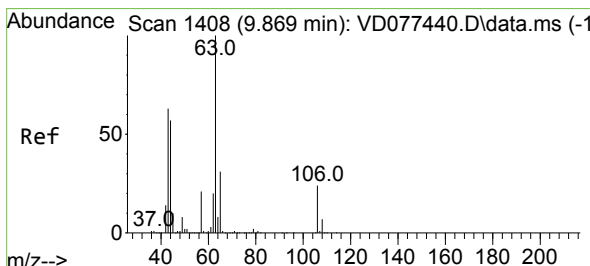
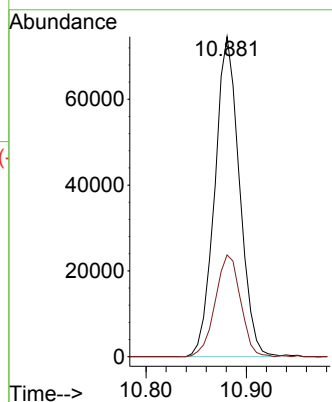
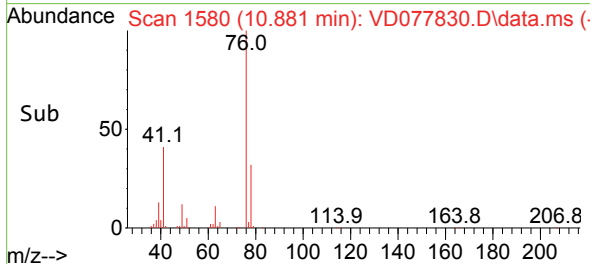


#57
1,3-Dichloropropane
Concen: 56.482 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

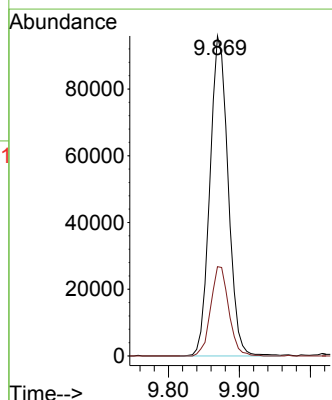
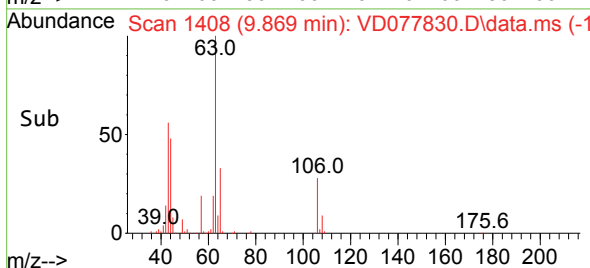
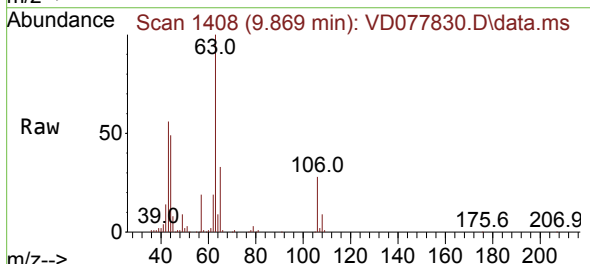


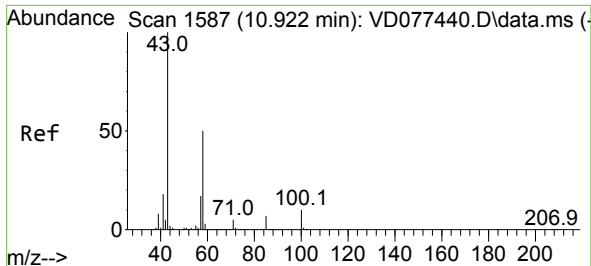
Tgt Ion: 76 Resp: 127438
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 259.436 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

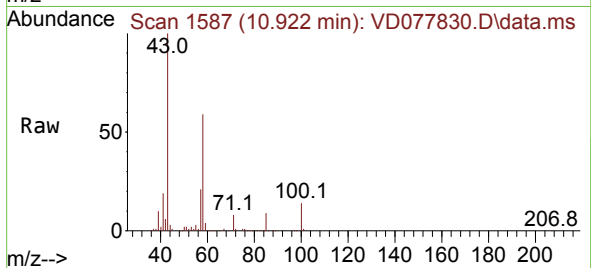
Tgt Ion: 63 Resp: 170715
Ion Ratio Lower Upper
63 100
106 27.6 25.3 37.9



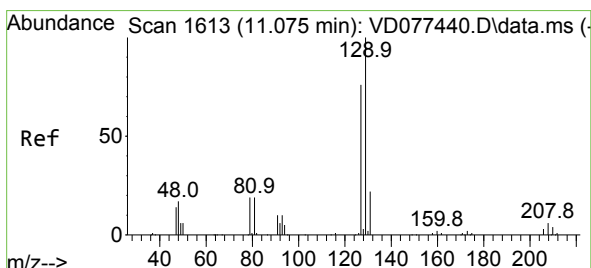
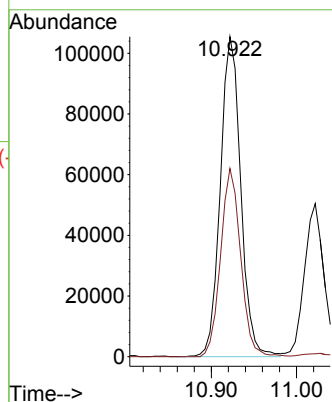
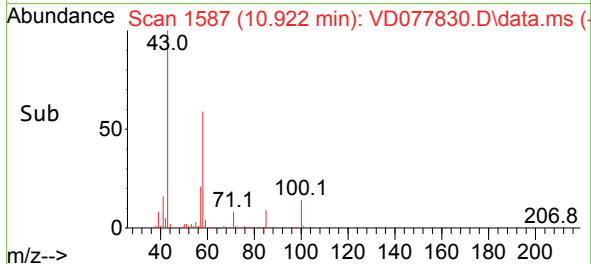


#59
2-Hexanone
Concen: 228.652 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

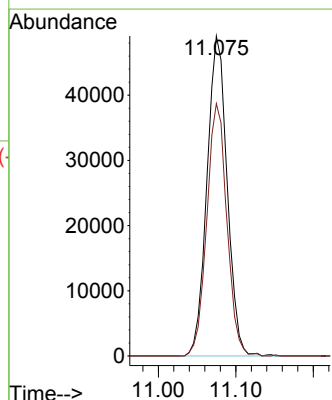
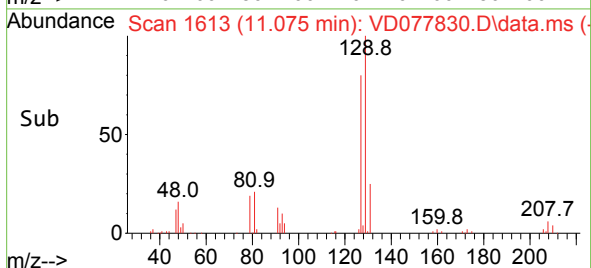
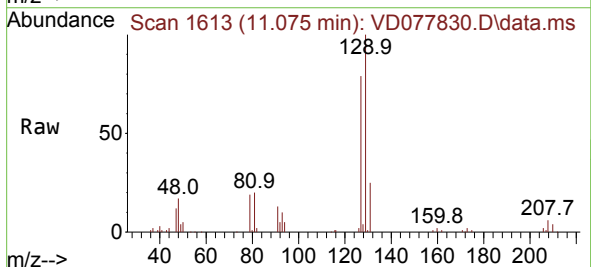


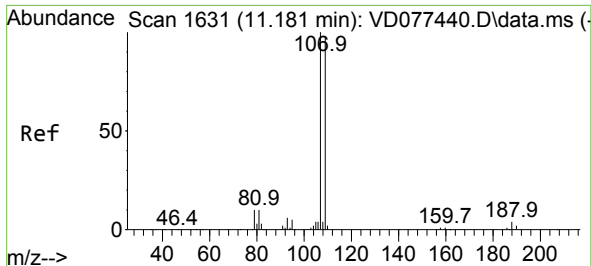
Tgt Ion: 43 Resp: 175903
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2



#60
Dibromochloromethane
Concen: 56.226 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

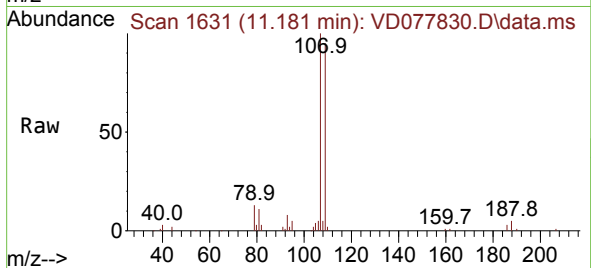
Tgt Ion: 129 Resp: 88608
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5



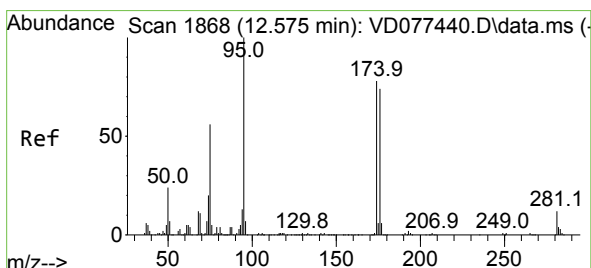
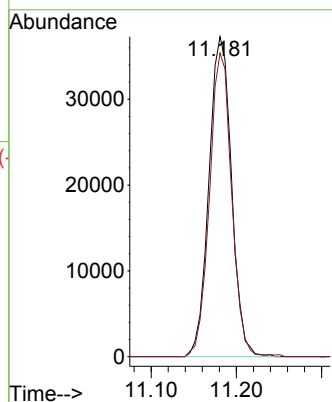
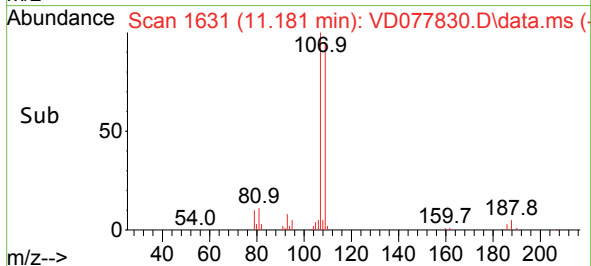


#61
1,2-Dibromoethane
Concen: 55.605 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

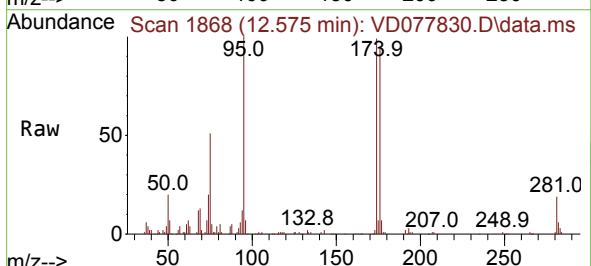
Instrument :
MSVOA_D
ClientSampleId :



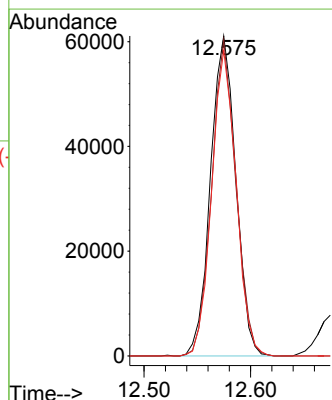
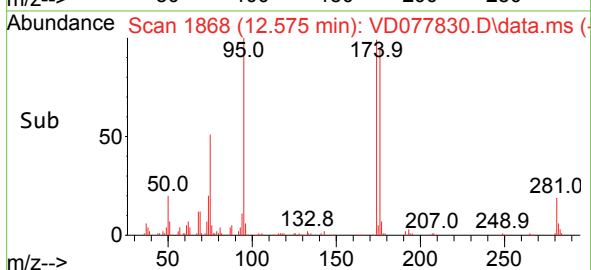
Tgt Ion:107 Resp: 68513
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

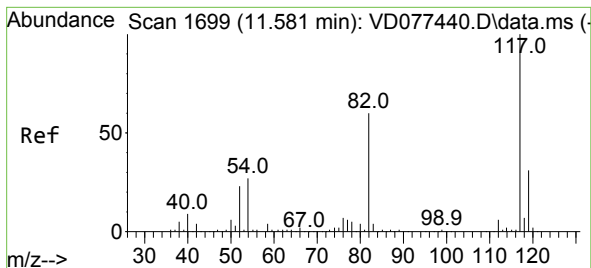


#62
4-Bromofluorobenzene
Concen: 51.377 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45



Tgt Ion: 95 Resp: 100816
Ion Ratio Lower Upper
95 100
174 94.3 0.0 201.8
176 92.2 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: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

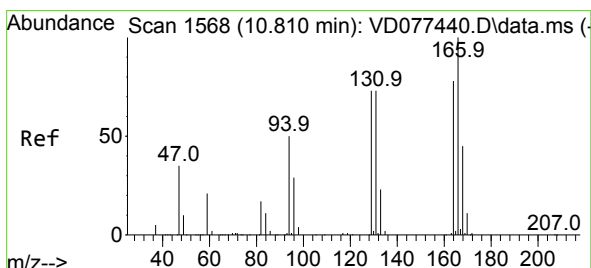
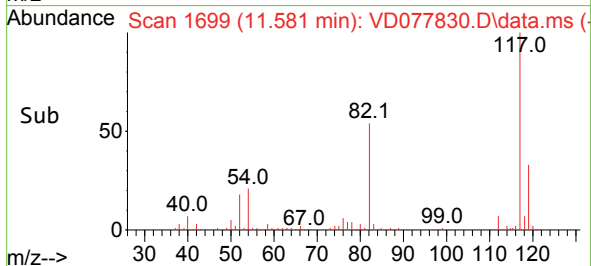
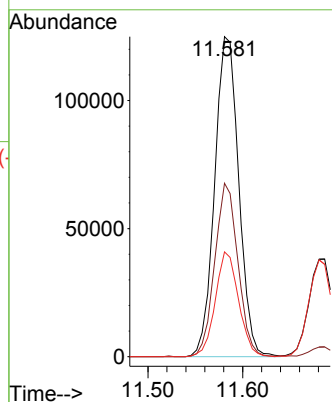
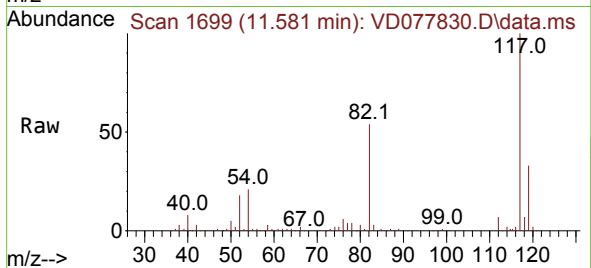
Tgt Ion:117 Resp: 220629

Ion Ratio Lower Upper

117 100

82 54.2 38.3 57.5

119 32.8 25.0 37.4



#64

Tetrachloroethene

Concen: 51.551 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Tgt Ion:164 Resp: 83595

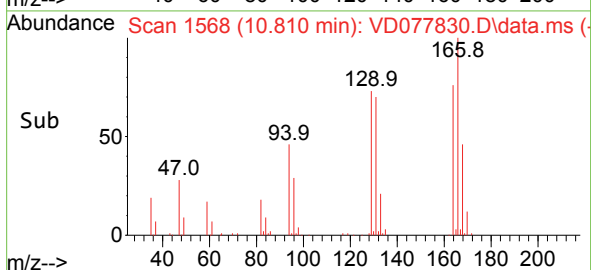
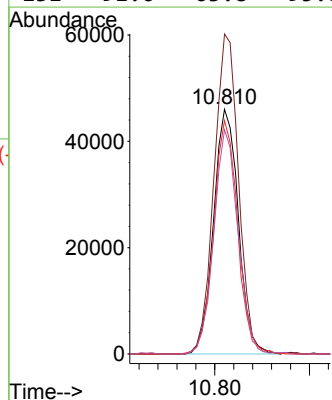
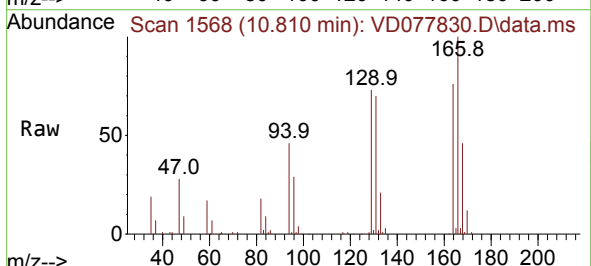
Ion Ratio Lower Upper

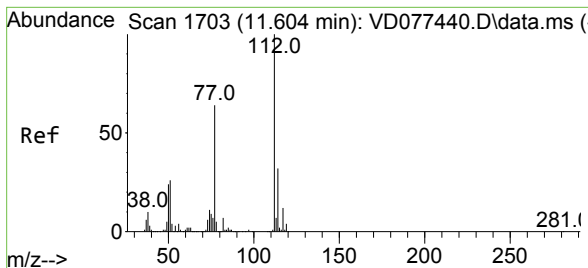
164 100

166 130.8 99.2 148.8

129 95.4 68.4 102.6

131 91.6 63.8 95.8





#65

Chlorobenzene

Concen: 51.831 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

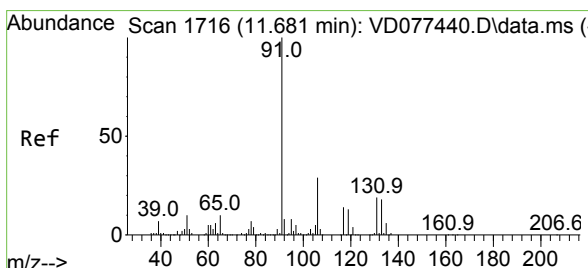
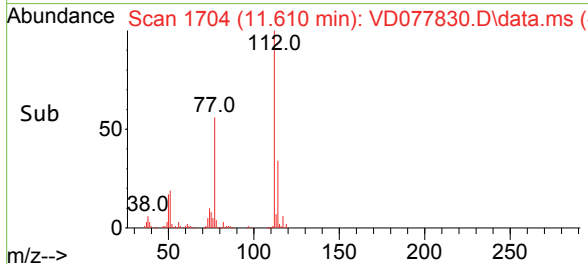
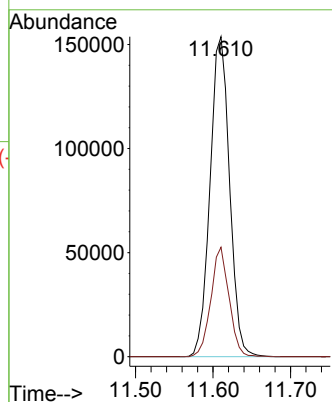
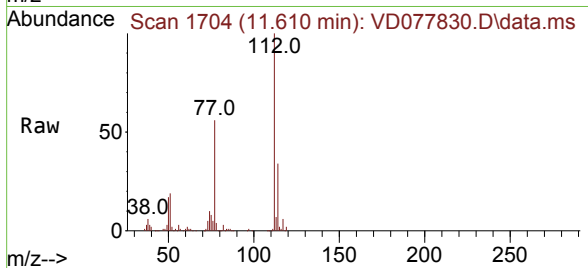
ClientSampleId :

Tgt Ion:112 Resp: 269214

Ion Ratio Lower Upper

112 100

114 34.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 53.449 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

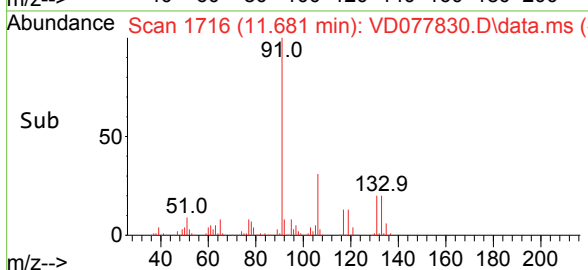
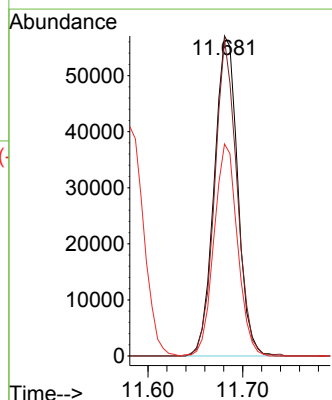
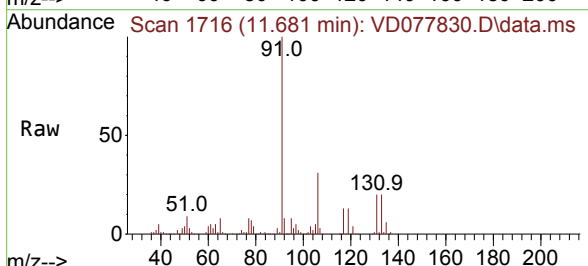
Tgt Ion:131 Resp: 98062

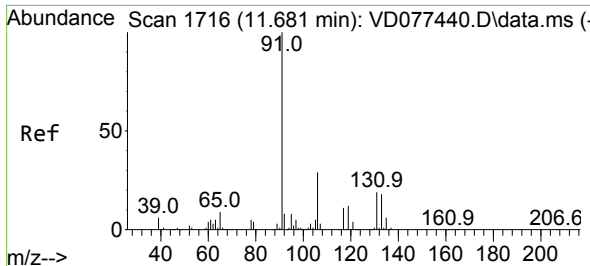
Ion Ratio Lower Upper

131 100

133 94.1 48.5 145.5

119 66.5 35.6 106.9

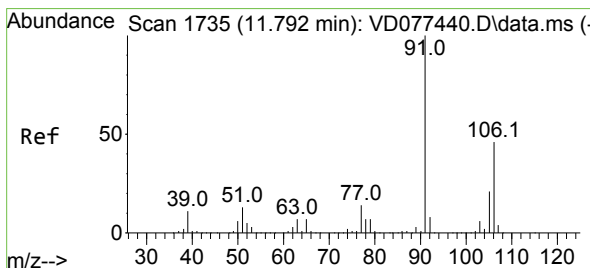
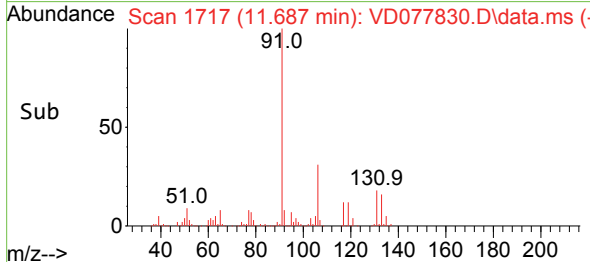
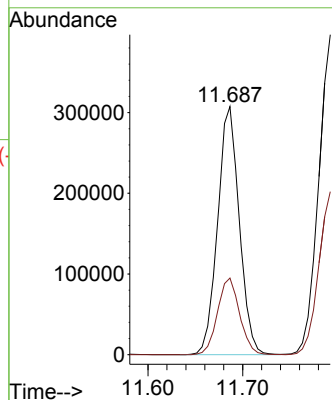
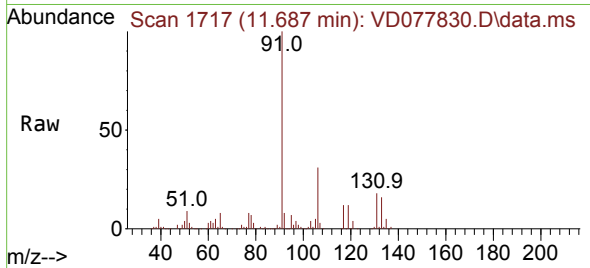




#67
Ethyl Benzene
Concen: 53.166 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

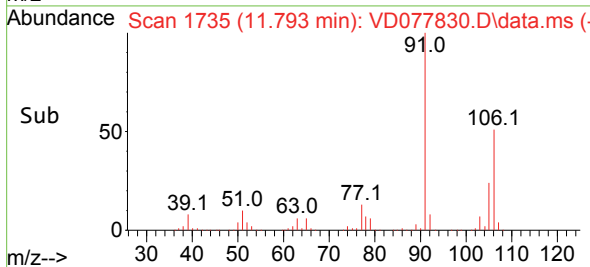
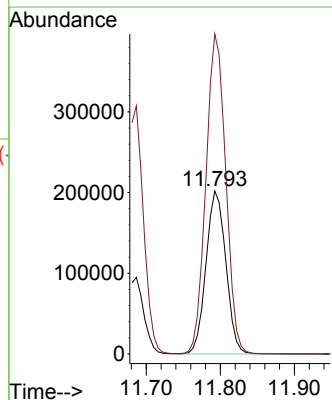
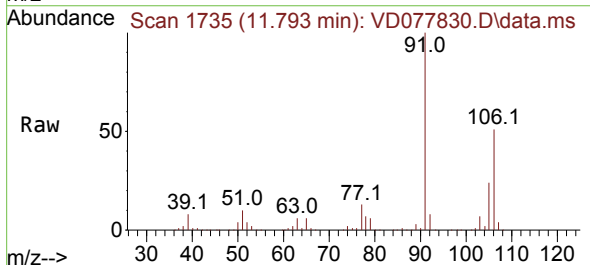
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 488349
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 106.728 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:106 Resp: 374988
Ion Ratio Lower Upper
106 100
91 196.9 147.0 220.6

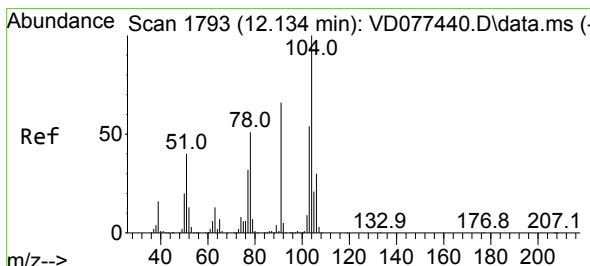
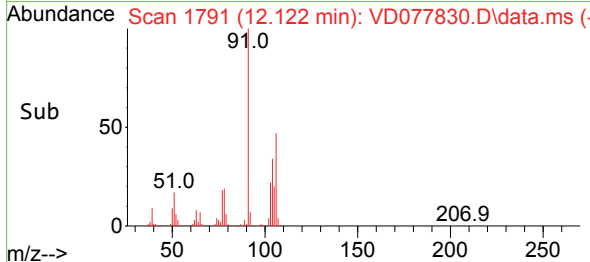
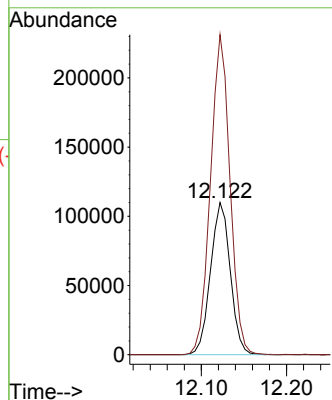
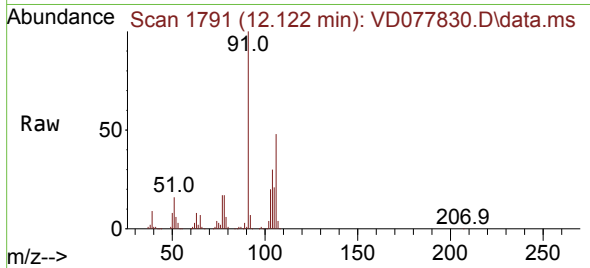




#69
o-Xylene
Concen: 54.840 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

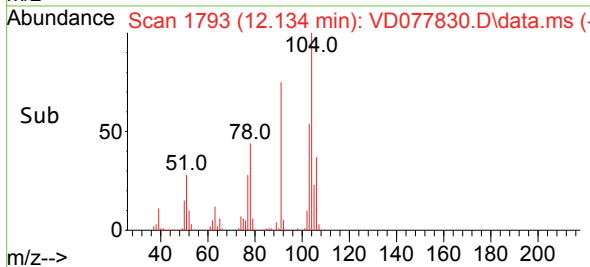
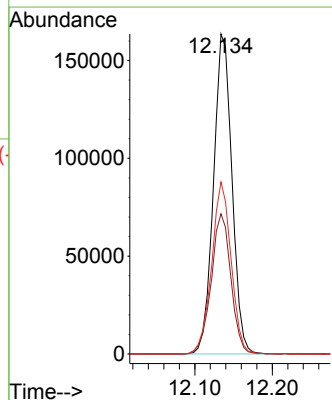
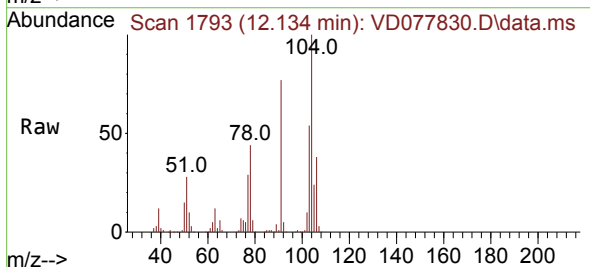
Instrument :
MSVOA_D
ClientSampleId :

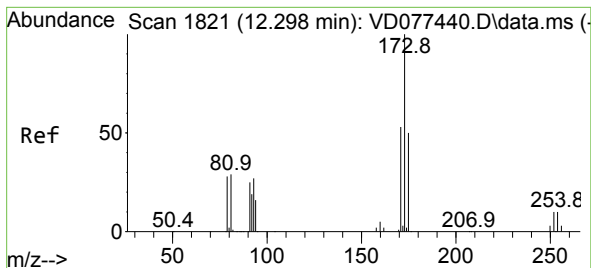
Tgt Ion:106 Resp: 177578
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 56.189 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:104 Resp: 270544
Ion Ratio Lower Upper
104 100
78 46.7 33.2 49.8
103 56.4 43.6 65.4





#71

Bromoform

Concen: 53.669 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

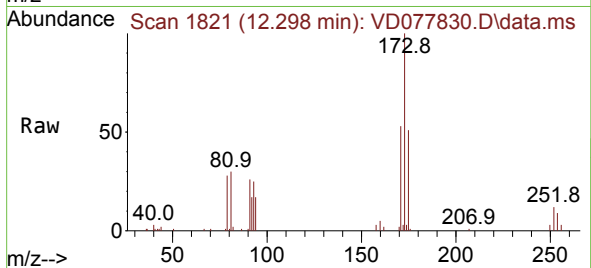
Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :



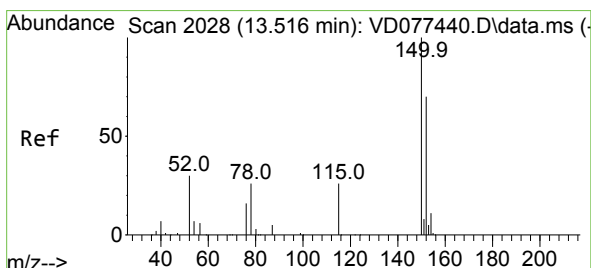
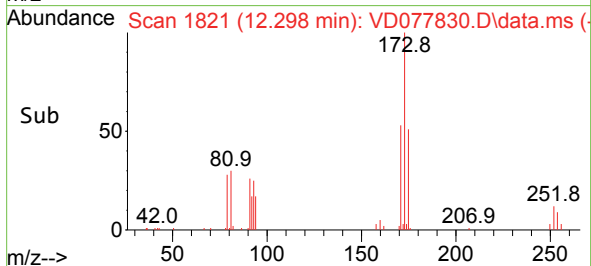
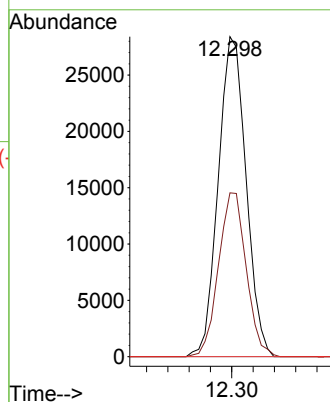
Tgt Ion:173 Resp: 51449

Ion Ratio Lower Upper

173 100

175 51.0 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: VD077830.D

Acq: 11 Dec 2023 23:45

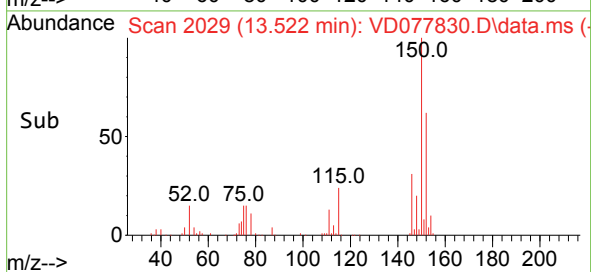
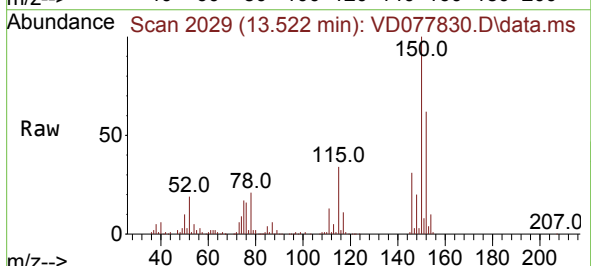
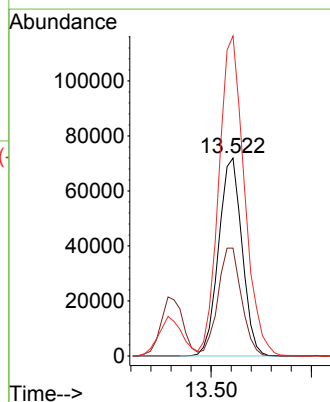
Tgt Ion:152 Resp: 116368

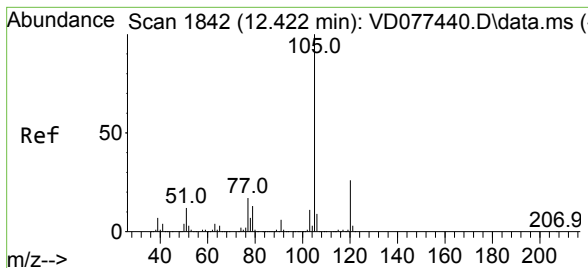
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 176.6 0.0 353.6





#73

Isopropylbenzene

Concen: 52.240 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

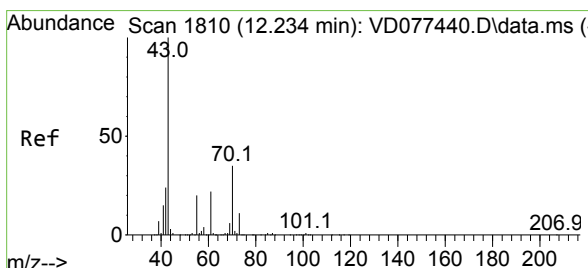
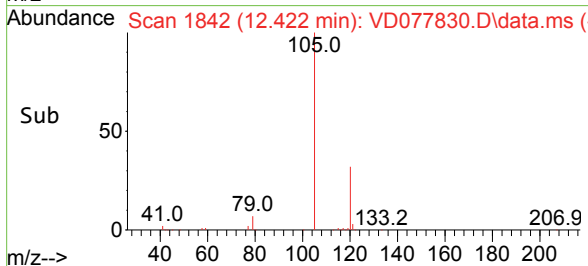
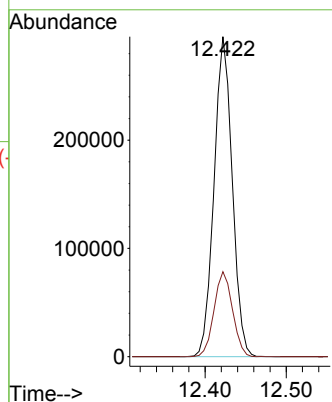
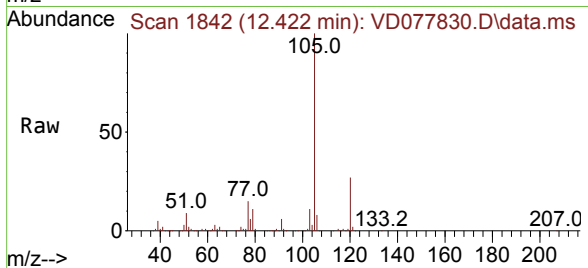
ClientSampleId :

Tgt Ion:105 Resp: 460739

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 50.677 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Tgt Ion: 43 Resp: 87858

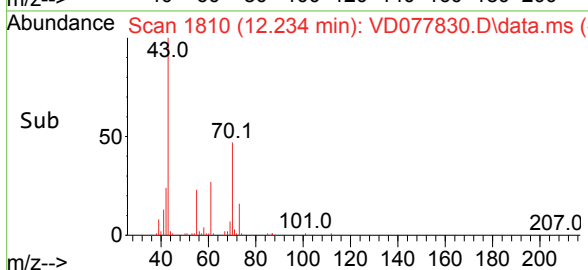
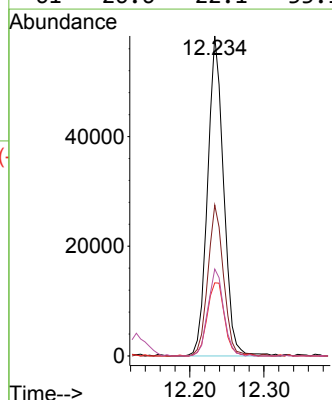
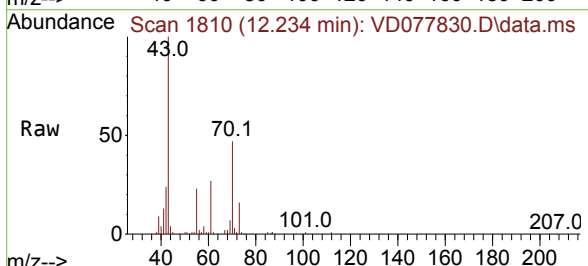
Ion Ratio Lower Upper

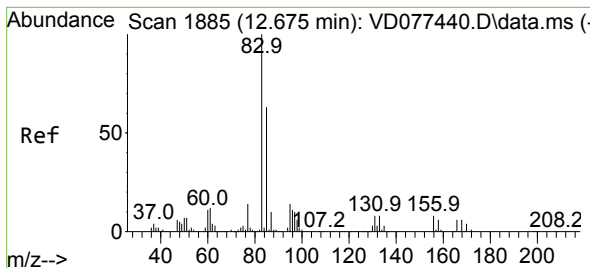
43 100

70 46.1 45.0 67.4

55 24.7 23.8 35.6

61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.983 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

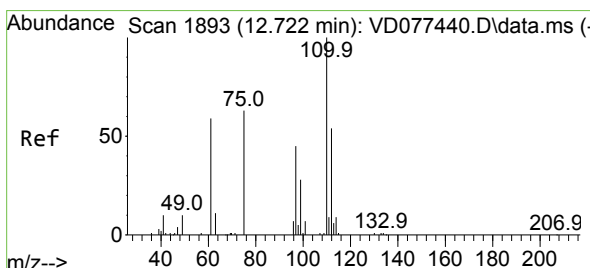
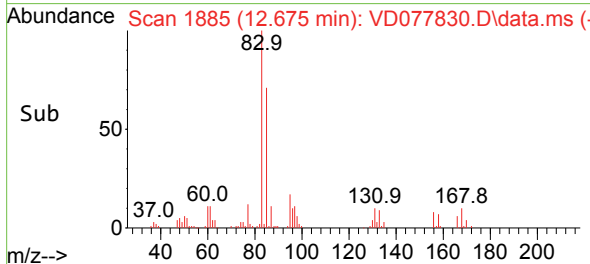
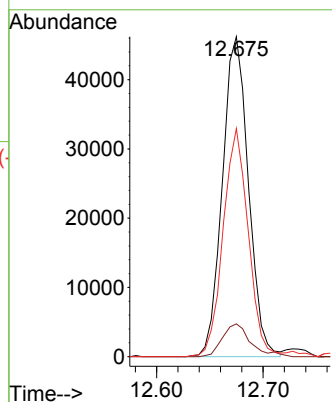
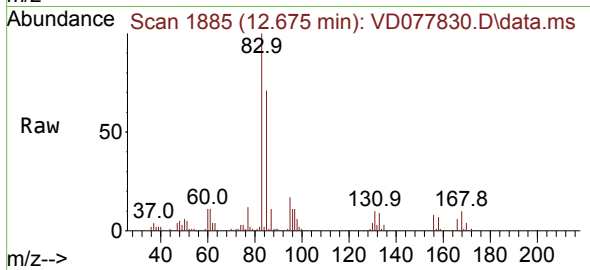
Tgt Ion: 83 Resp: 78403

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 68.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 100.806 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077830.D

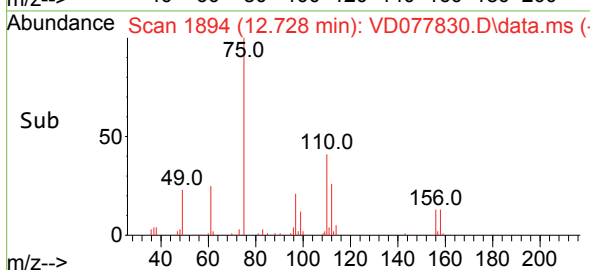
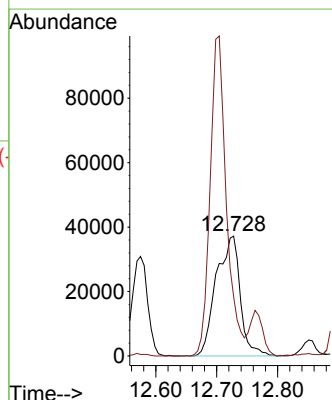
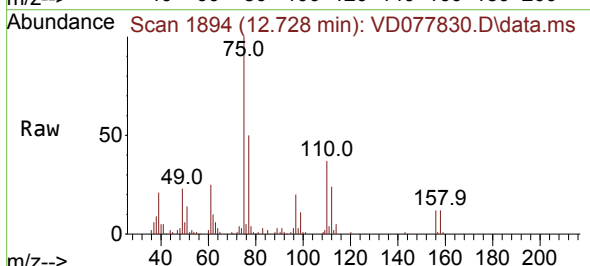
Acq: 11 Dec 2023 23:45

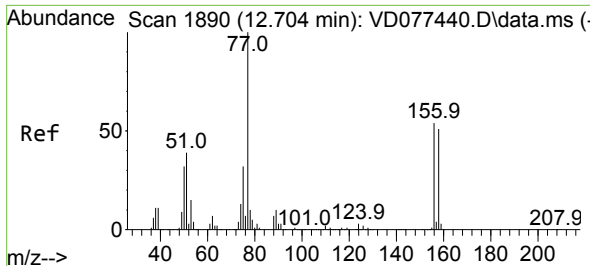
Tgt Ion: 75 Resp: 101881

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

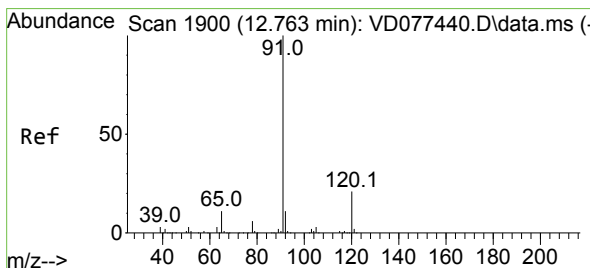
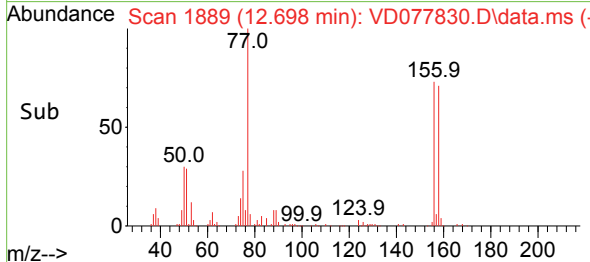
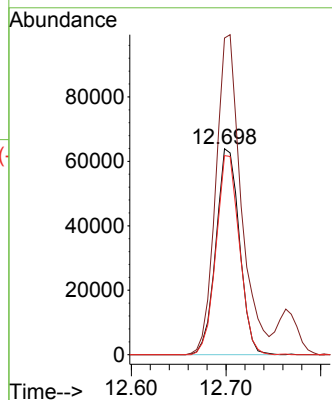
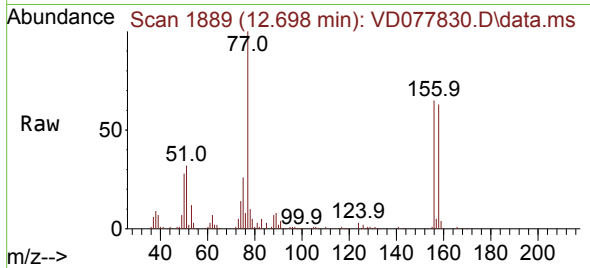




#77
Bromobenzene
Concen: 53.126 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

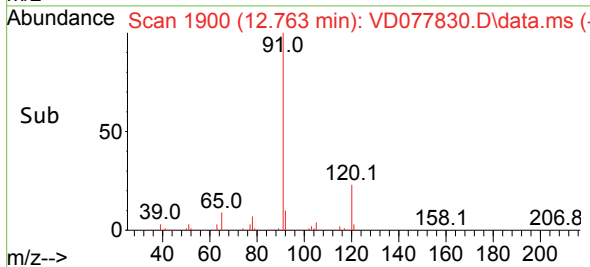
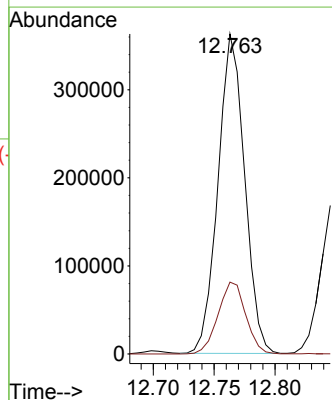
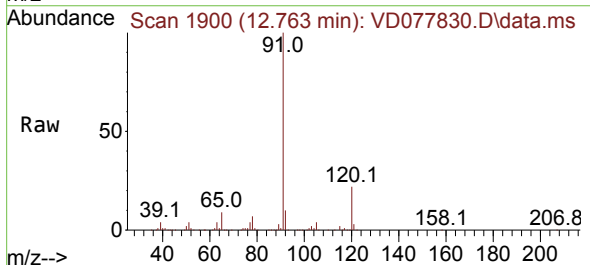
Instrument :
MSVOA_D
ClientSampleId :

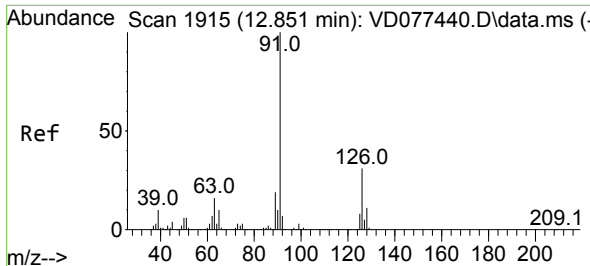
Tgt Ion:156 Resp: 110209
Ion Ratio Lower Upper
156 100
77 167.6 76.8 230.4
158 96.0 48.6 145.9



#78
n-propylbenzene
Concen: 51.349 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 91 Resp: 551854
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2

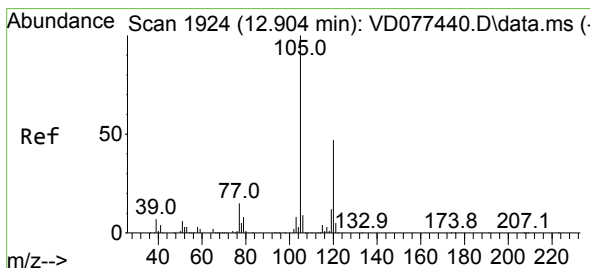
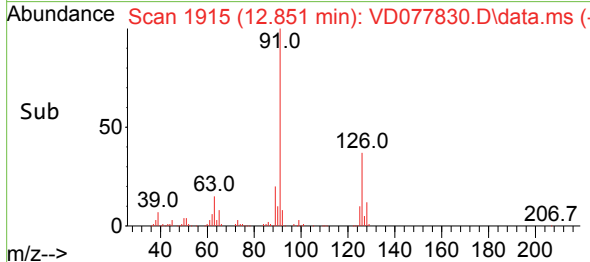
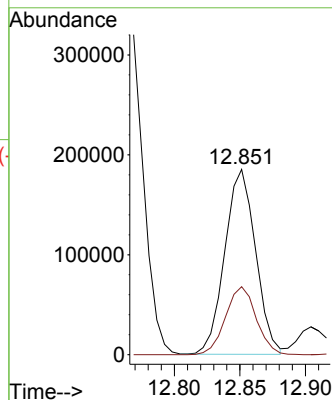
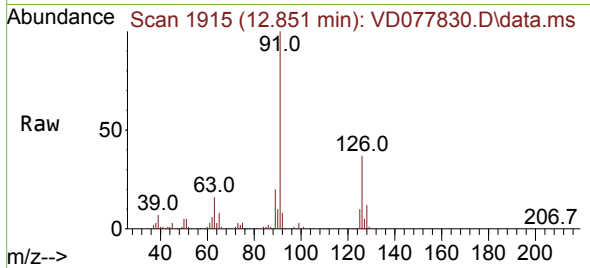




#79
2-Chlorotoluene
Concen: 52.563 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

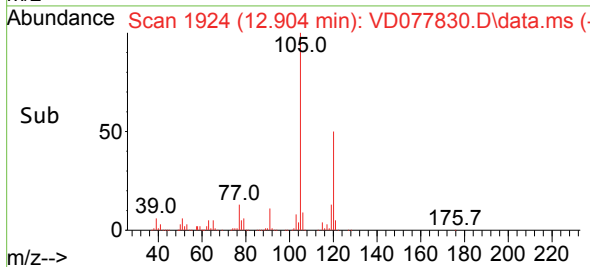
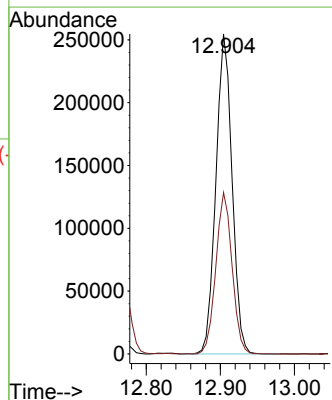
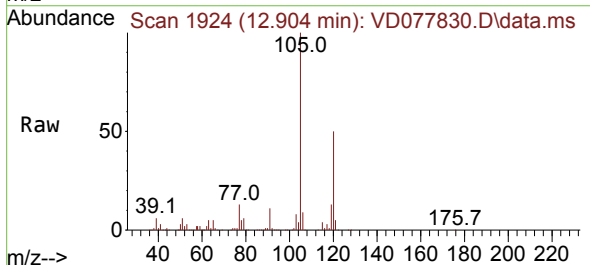
Instrument :
MSVOA_D
ClientSampleId :

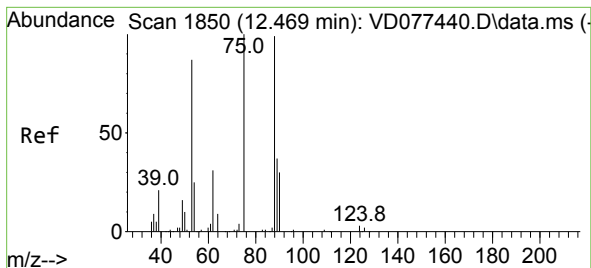
Tgt Ion: 91 Resp: 302737
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.411 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 105 Resp: 385529
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

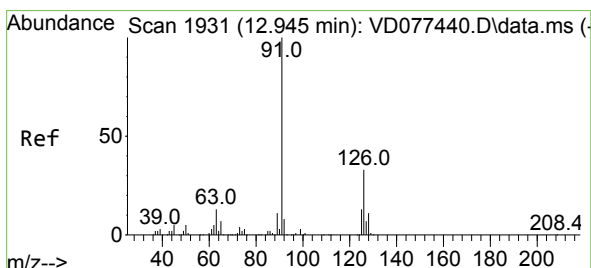
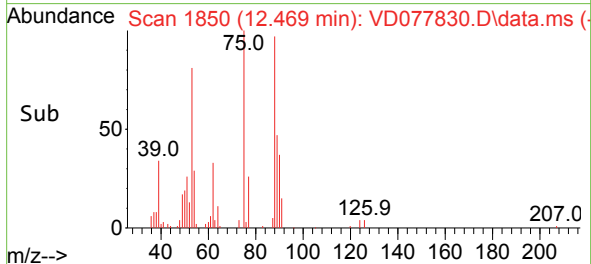
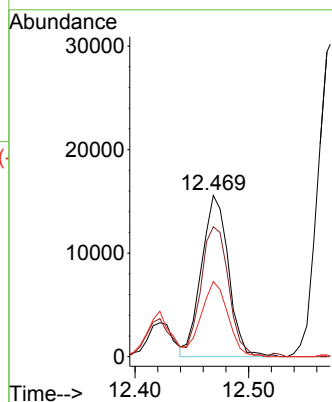
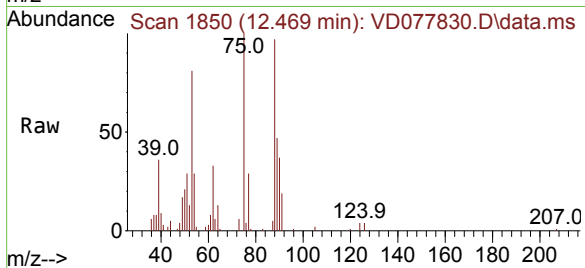




#81
trans-1,4-Dichloro-2-butene
Concen: 51.687 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

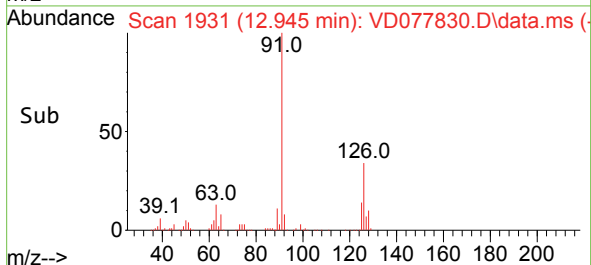
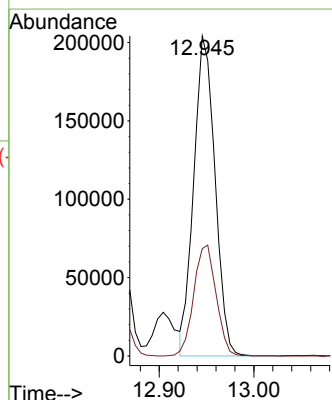
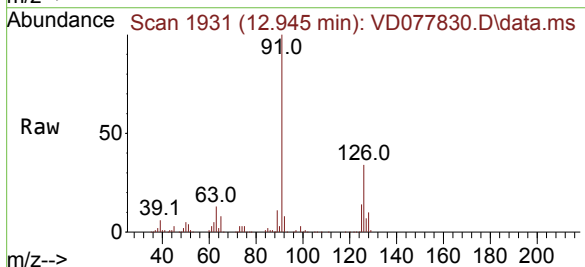
Instrument :
MSVOA_D
ClientSampleId :

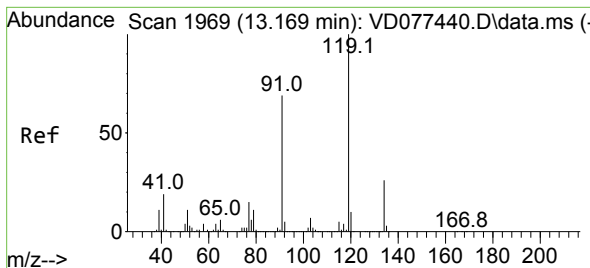
Tgt Ion: 75 Resp: 25783
Ion Ratio Lower Upper
75 100
53 81.6 63.0 94.4
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.958 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion: 91 Resp: 318861
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 53.157 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

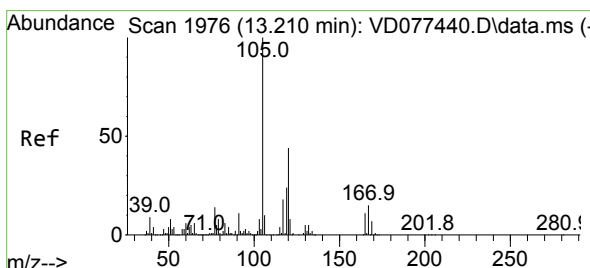
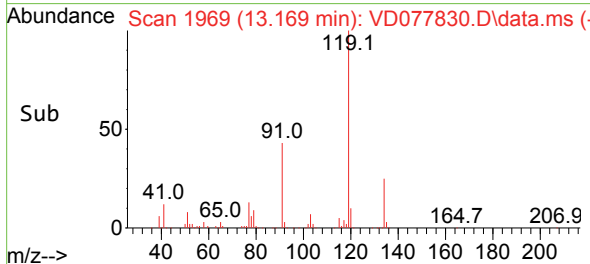
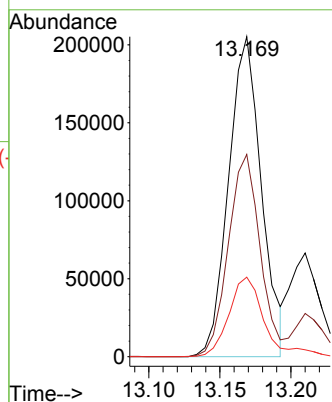
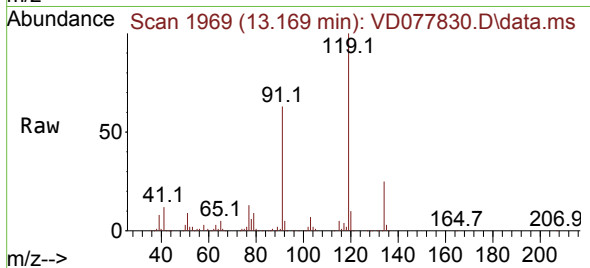
Tgt Ion:119 Resp: 330109

Ion Ratio Lower Upper

119 100

91 61.0 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.120 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077830.D

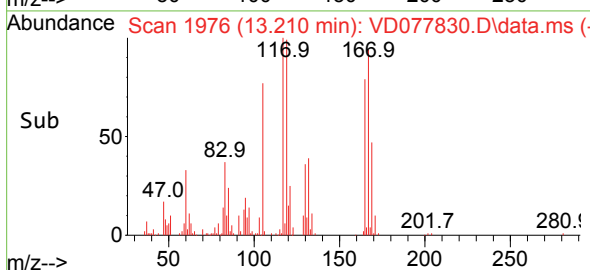
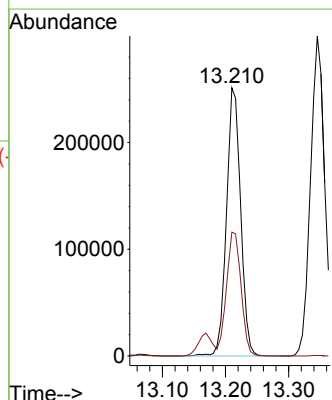
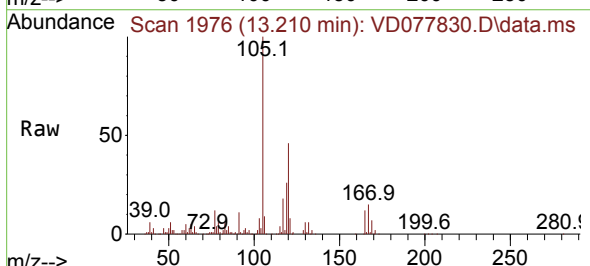
Acq: 11 Dec 2023 23:45

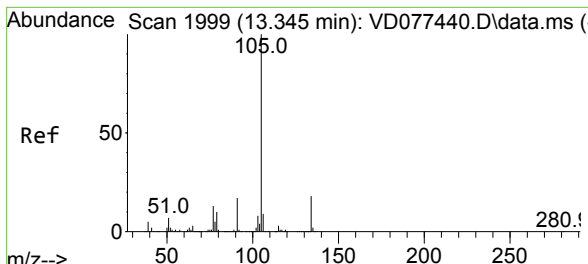
Tgt Ion:105 Resp: 390818

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9

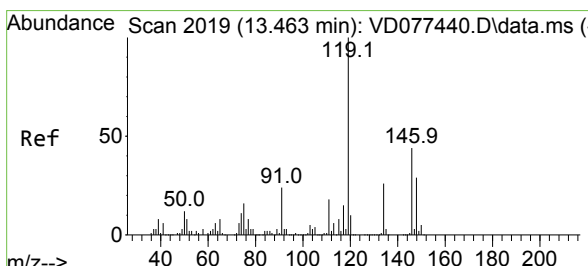
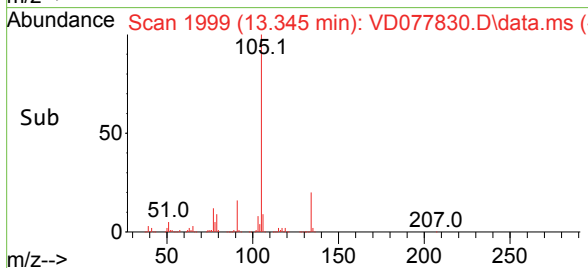
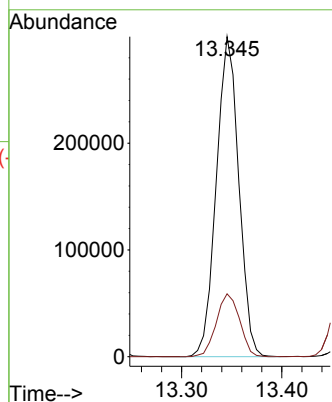
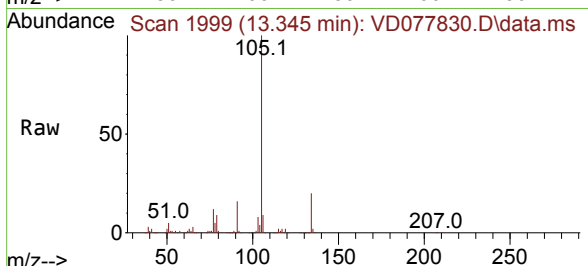




#85
 sec-Butylbenzene
 Concen: 50.738 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

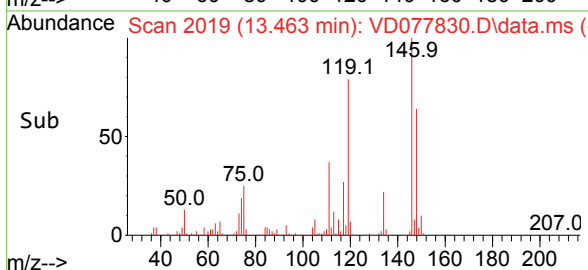
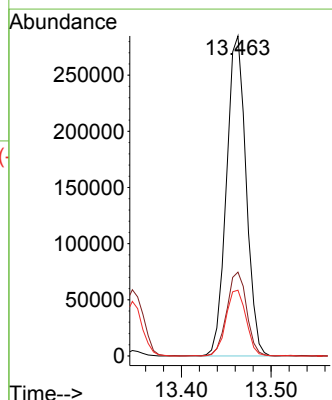
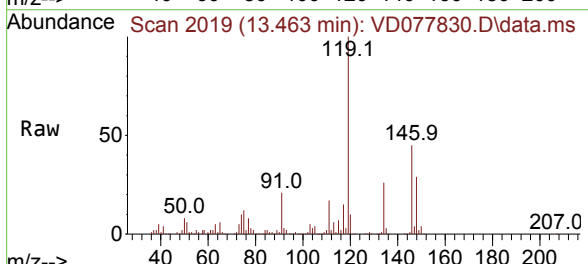
Instrument :
 MSVOA_D
 ClientSampleId :

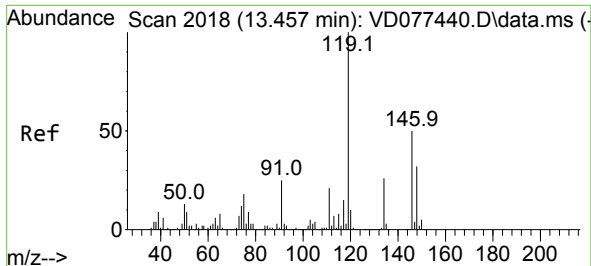
Tgt Ion:105 Resp: 465746
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.651 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

Tgt Ion:119 Resp: 432721
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.2 10.5 31.5

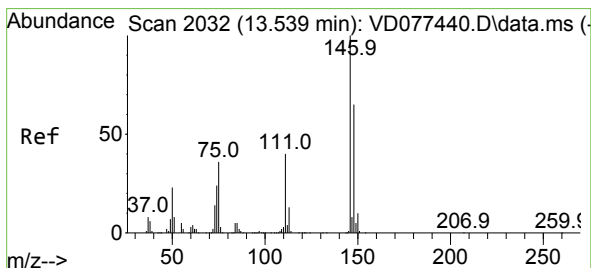
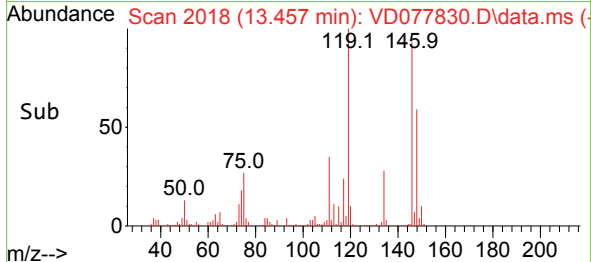
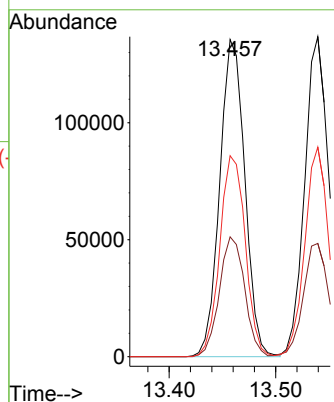
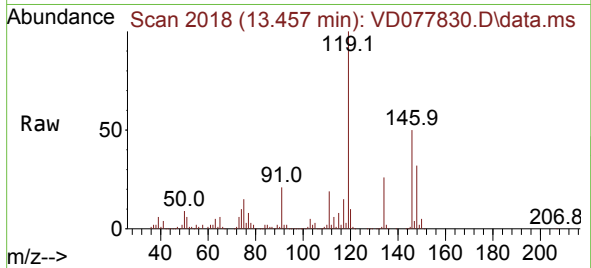




#87
1,3-Dichlorobenzene
Concen: 52.255 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

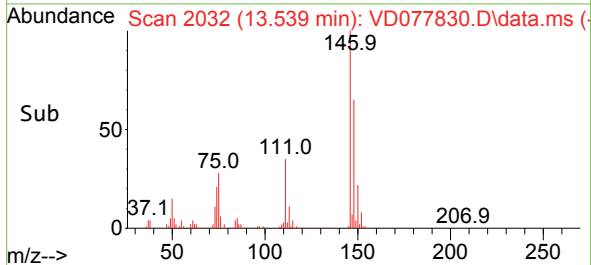
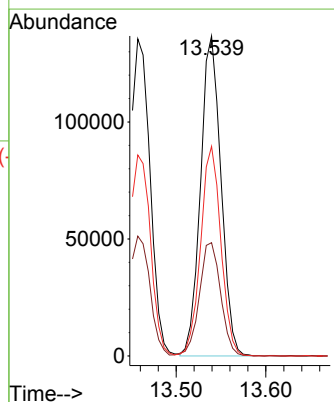
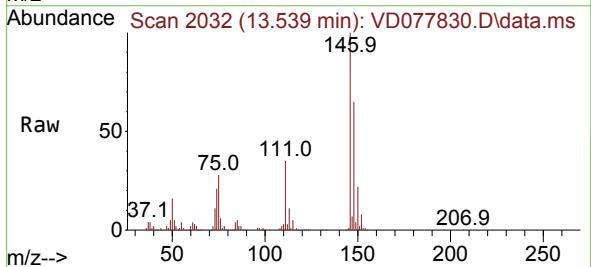
Instrument :
MSVOA_D
ClientSampleId :

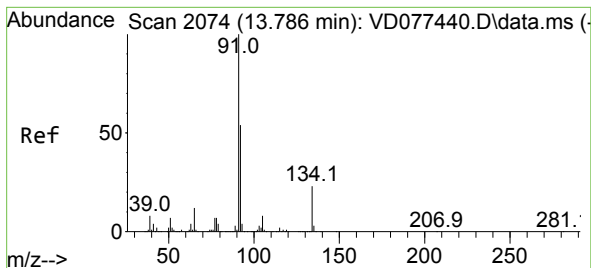
Tgt Ion:146 Resp: 221682
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 64.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 51.175 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:146 Resp: 216536
Ion Ratio Lower Upper
146 100
111 37.0 17.4 52.3
148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 51.118 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

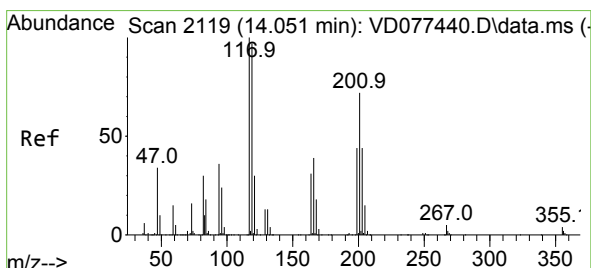
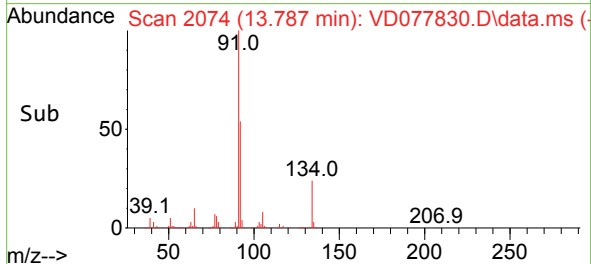
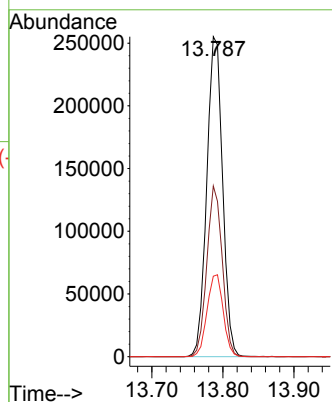
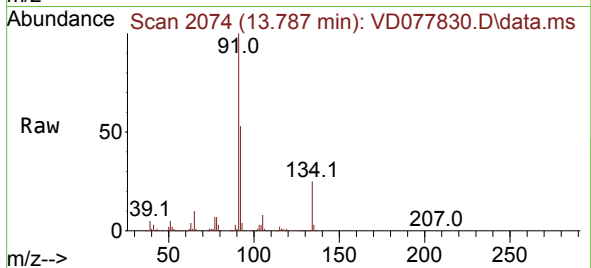
Tgt Ion: 91 Resp: 395313

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 53.660 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077830.D

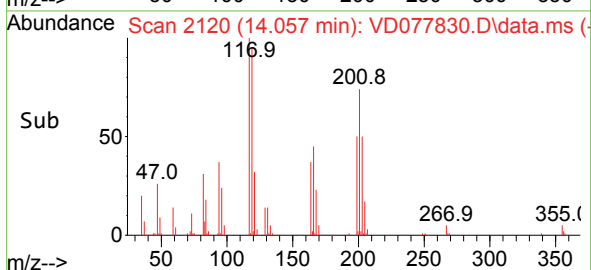
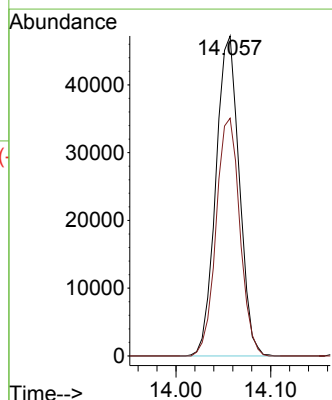
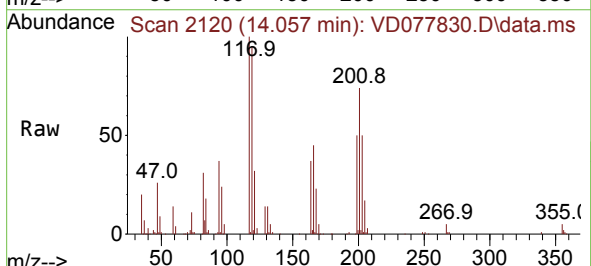
Acq: 11 Dec 2023 23:45

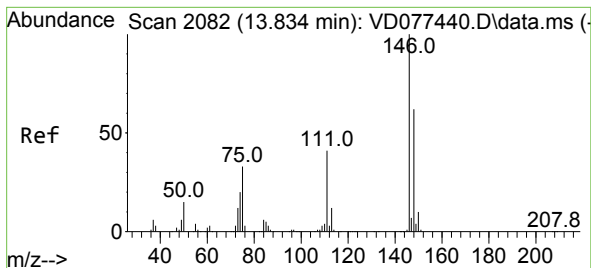
Tgt Ion: 117 Resp: 81105

Ion Ratio Lower Upper

117 100

201 75.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 53.326 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

Instrument :

MSVOA_D

ClientSampleId :

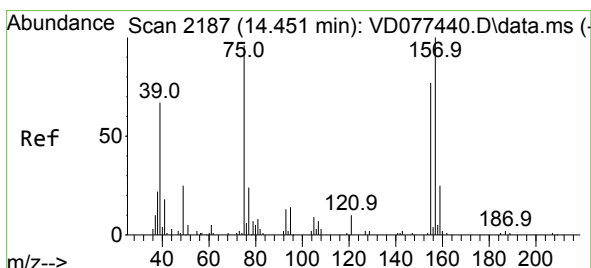
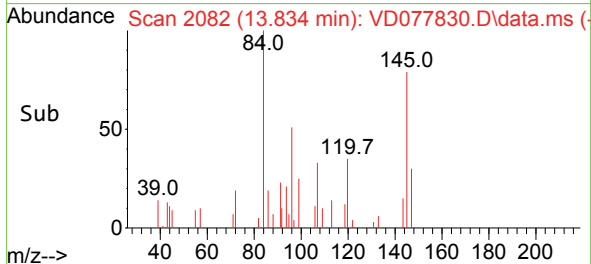
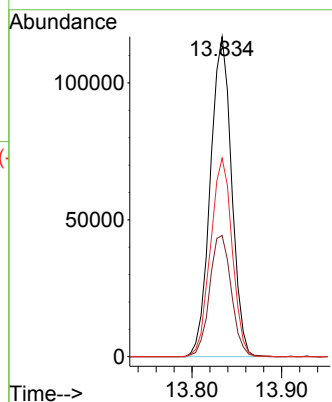
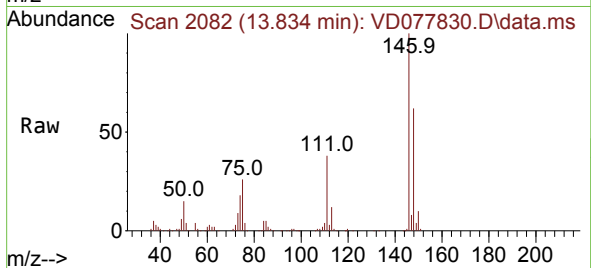
Tgt Ion:146 Resp: 192400

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.8

148 63.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.997 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077830.D

Acq: 11 Dec 2023 23:45

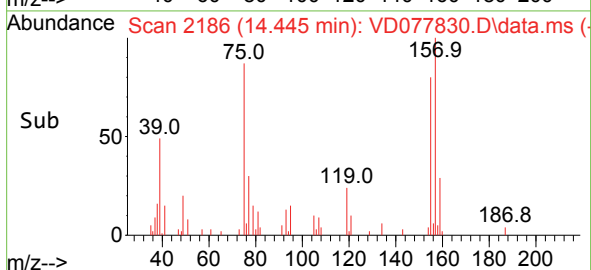
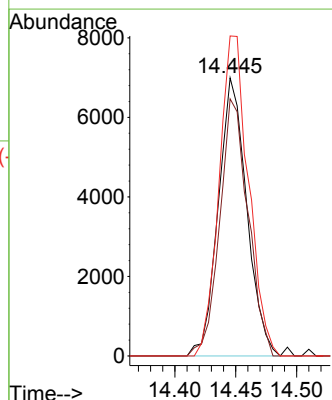
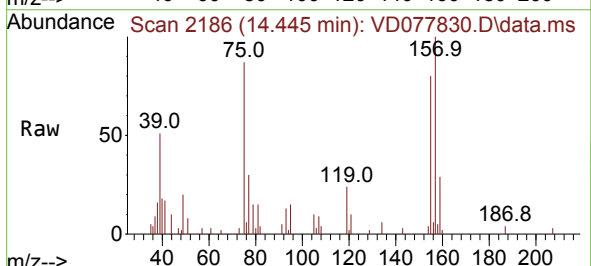
Tgt Ion: 75 Resp: 11356

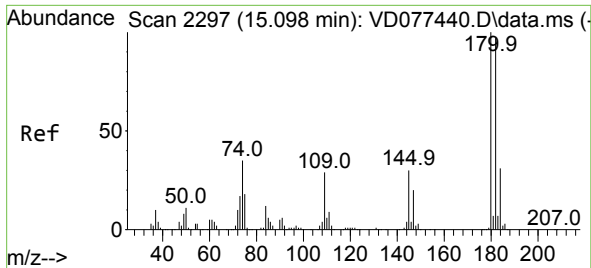
Ion Ratio Lower Upper

75 100

155 92.0 47.9 143.8

157 119.2 59.9 179.7

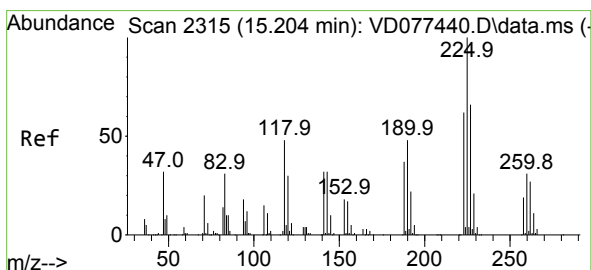
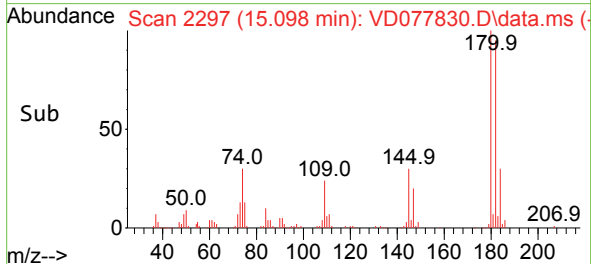
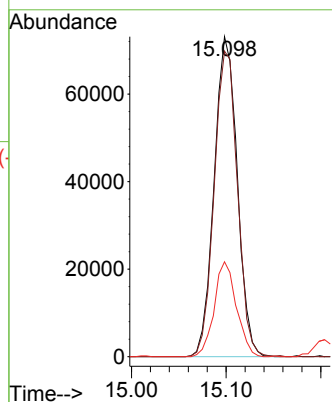
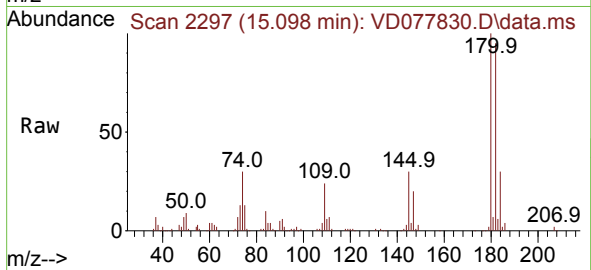




#93
 1,2,4-Trichlorobenzene
 Concen: 50.259 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

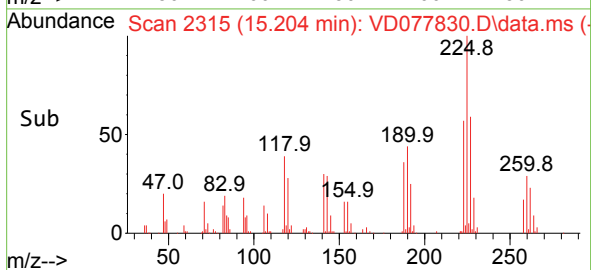
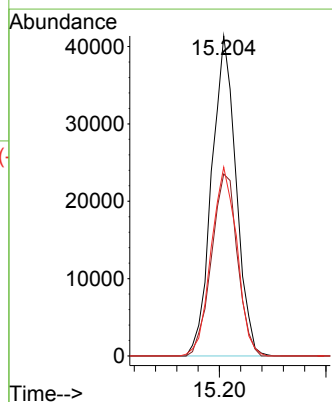
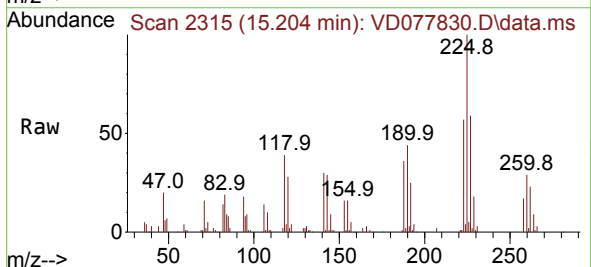
Instrument :
 MSVOA_D
 ClientSampleId :

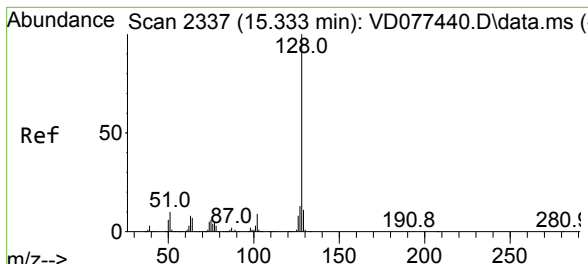
Tgt Ion:180 Resp: 123862
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.5 145.6
 145 28.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 49.358 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077830.D
 Acq: 11 Dec 2023 23:45

Tgt Ion:225 Resp: 65594
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.6 94.8
 227 62.2 31.7 95.1

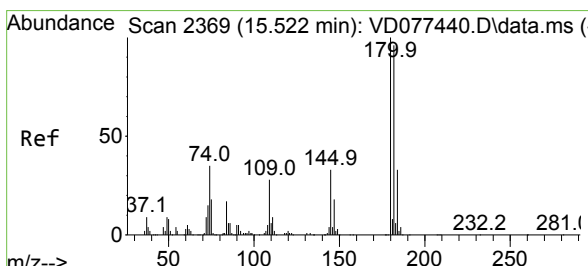
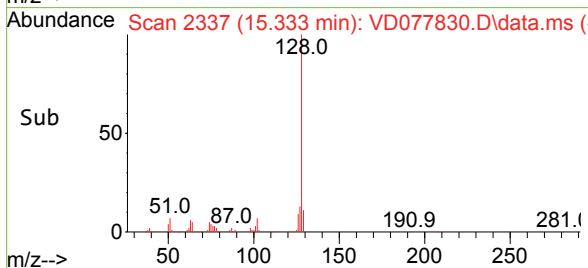
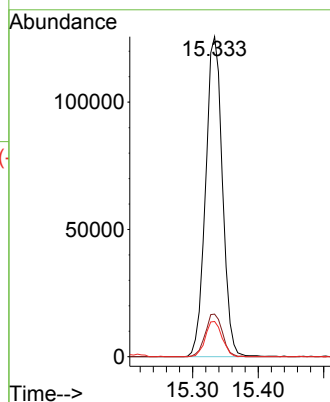
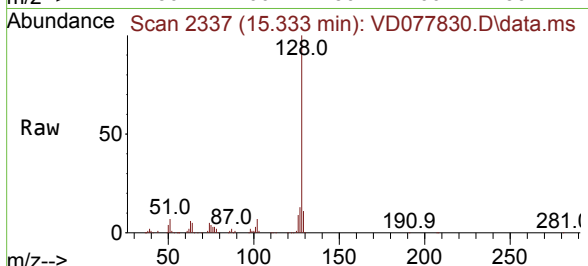




#95
Naphthalene
Concen: 54.765 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 224246
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.092 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077830.D
Acq: 11 Dec 2023 23:45

Tgt Ion:180 Resp: 105837
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.9
145 30.0 15.1 45.3

