

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077052.D
 Acq On : 28 Aug 2023 20:17
 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: Aug 29 02:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	307424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92776	53.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.100%	
35) Dibromofluoromethane	7.805	113	106113	51.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.269	98	399958	53.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.569	95	118349	54.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	71842	42.273	ug/l	98
3) Chloromethane	2.146	50	131532	45.270	ug/l	99
4) Vinyl Chloride	2.276	62	157390	43.353	ug/l	98
5) Bromomethane	2.681	94	129542	41.721	ug/l	100
6) Chloroethane	2.828	64	113472	46.023	ug/l	96
7) Trichlorofluoromethane	3.164	101	138589	42.192	ug/l	98
8) Diethyl Ether	3.593	74	44539	49.529	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	86301	44.997	ug/l	99
10) Methyl Iodide	4.158	142	125376	51.276	ug/l	91
11) Tert butyl alcohol	5.052	59	22206	211.646	ug/l	97
12) 1,1-Dichloroethene	3.934	96	83881	44.085	ug/l	96
13) Acrolein	3.793	56	54165	247.957	ug/l	98
14) Allyl chloride	4.558	41	95225	45.366	ug/l	93
15) Acrylonitrile	5.252	53	96306	242.003	ug/l	99
16) Acetone	4.017	43	65327	163.896	ug/l	87
17) Carbon Disulfide	4.264	76	248227	42.748	ug/l	98
18) Methyl Acetate	4.558	43	69052	51.201	ug/l	94
19) Methyl tert-butyl Ether	5.317	73	199447	48.331	ug/l	100
20) Methylene Chloride	4.793	84	123996	49.499	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	102689	45.817	ug/l	97
22) Diisopropyl ether	6.211	45	235797	50.147	ug/l	97
23) Vinyl Acetate	6.152	43	564551	239.686	ug/l	96
24) 1,1-Dichloroethane	6.111	63	167537	47.461	ug/l	98
25) 2-Butanone	7.081	43	107160	214.567	ug/l	91
26) 2,2-Dichloropropane	7.075	77	123941	39.452	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	116758	46.371	ug/l	99
28) Bromochloromethane	7.422	49	60265	47.795	ug/l	94
29) Tetrahydrofuran	7.440	42	70707	254.891	ug/l	95
30) Chloroform	7.593	83	191519	48.431	ug/l	96
31) Cyclohexane	7.875	56	112895	40.410	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	160358	46.722	ug/l	96
36) 1,1-Dichloropropene	8.005	75	129656	44.316	ug/l	99
37) Ethyl Acetate	7.169	43	49715	47.114	ug/l #	90
38) Carbon Tetrachloride	7.987	117	126296	42.694	ug/l	99
39) Methylcyclohexane	9.275	83	147883	43.480	ug/l	98
40) Benzene	8.252	78	405405	46.143	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	32175	55.295	ug/l	89
42) 1,2-Dichloroethane	8.322	62	107845	47.500	ug/l	97
43) Isopropyl Acetate	8.358	43	93691	46.730	ug/l #	80
44) Trichloroethene	9.028	130	110027	43.947	ug/l	93
45) 1,2-Dichloropropane	9.305	63	99569	47.906	ug/l	98
46) Dibromomethane	9.393	93	63878	48.272	ug/l	92
47) Bromodichloromethane	9.581	83	145624	47.140	ug/l	99
48) Methyl methacrylate	9.381	41	41173	45.818	ug/l #	87
49) 1,4-Dioxane	9.387	88	13313	939.119	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	253180	245.477	ug/l	94
52) Toluene	10.334	92	266370	47.046	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	131095	45.886	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	155342	45.719	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	83826	47.723	ug/l	96
56) Ethyl methacrylate	10.599	69	90544	48.877	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	133955	47.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87899	254.532	ug/l	100
59) 2-Hexanone	10.922	43	172458	232.950	ug/l	92
60) Dibromochloromethane	11.075	129	102986	47.367	ug/l	95
61) 1,2-Dibromoethane	11.181	107	80918	48.124	ug/l	100
64) Tetrachloroethene	10.810	164	95791	44.502	ug/l	96
65) Chlorobenzene	11.604	112	295390	45.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	109148	45.065	ug/l	98
67) Ethyl Benzene	11.681	91	508716	45.738	ug/l	97
68) m/p-Xylenes	11.793	106	410495	92.191	ug/l	93
69) o-Xylene	12.122	106	188690	46.361	ug/l	92
70) Styrene	12.134	104	339575	48.028	ug/l	98
71) Bromoform	12.299	173	64456	47.795	ug/l #	97
73) Isopropylbenzene	12.422	105	479293	44.944	ug/l	97
74) N-amyl acetate	12.234	43	86811	46.220	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	94838	45.487	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	111310	75.518	ug/l #	100
77) Bromobenzene	12.698	156	124764	46.397	ug/l	99
78) n-propylbenzene	12.763	91	586802	45.025	ug/l	98
79) 2-Chlorotoluene	12.846	91	325625	45.700	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	403825	45.356	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	26540	41.806	ug/l	97
82) 4-Chlorotoluene	12.946	91	337471	44.775	ug/l	98
83) tert-Butylbenzene	13.169	119	354033	45.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	418470	46.863	ug/l	97
85) sec-Butylbenzene	13.346	105	520919	44.817	ug/l	96
86) p-Isopropyltoluene	13.457	119	443982	44.796	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	251463	45.122	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	245264	45.366	ug/l	99
89) n-Butylbenzene	13.787	91	397079	43.622	ug/l	97
90) Hexachloroethane	14.051	117	87577	45.569	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	216259	45.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13459	46.356	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	129477	44.328	ug/l	96
94) Hexachlorobutadiene	15.204	225	65131	42.529	ug/l	99
95) Naphthalene	15.334	128	253297	46.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	115400	44.104	ug/l	100

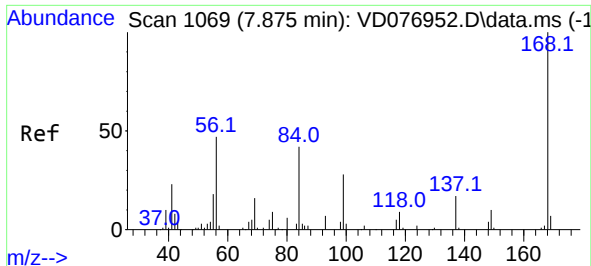
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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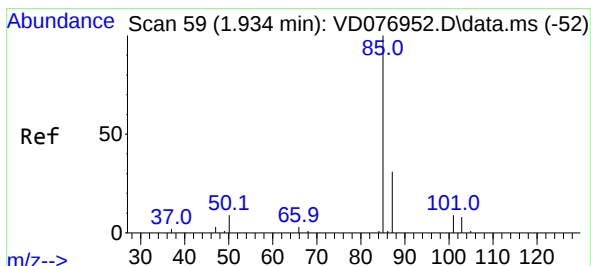
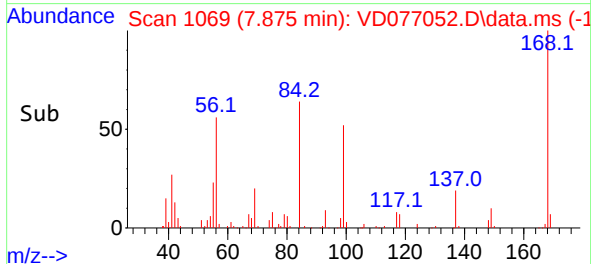
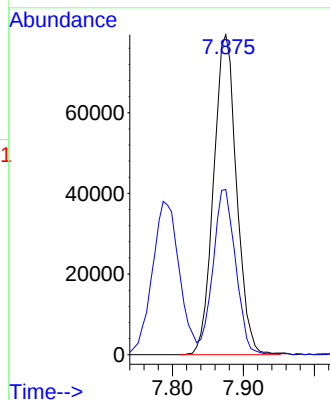
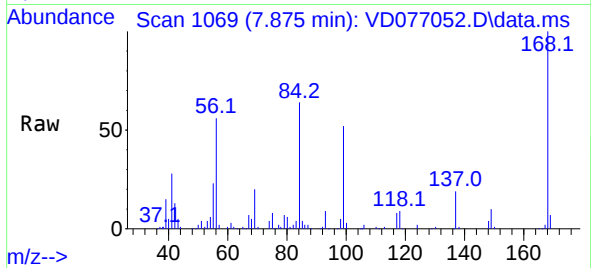
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

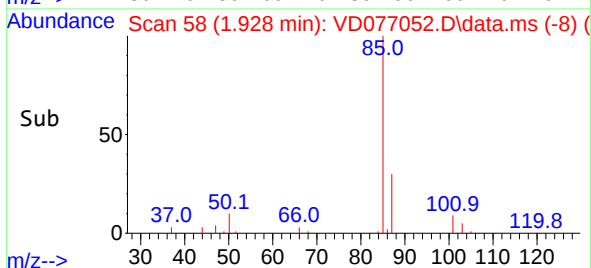
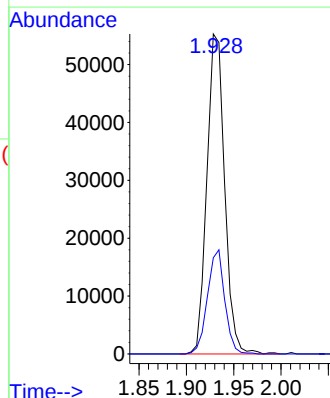
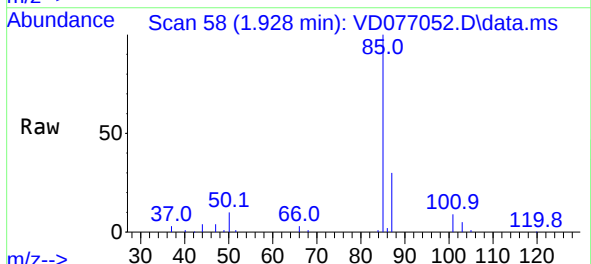
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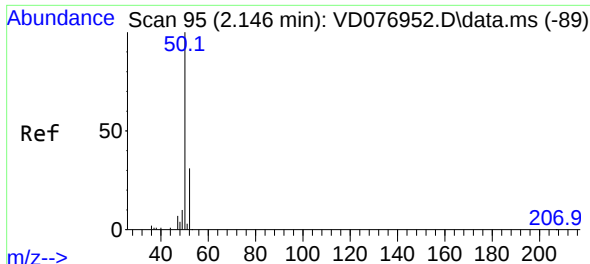
Tgt Ion:168 Resp: 177611
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 42.273 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

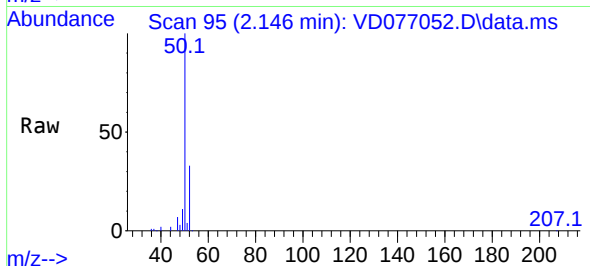
Tgt Ion: 85 Resp: 71842
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0



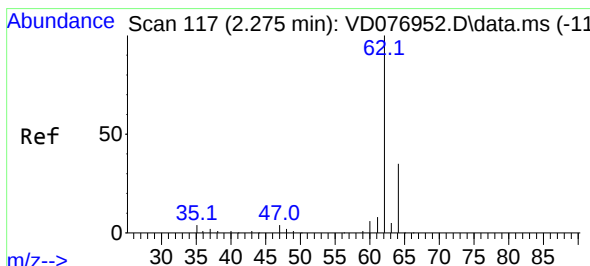
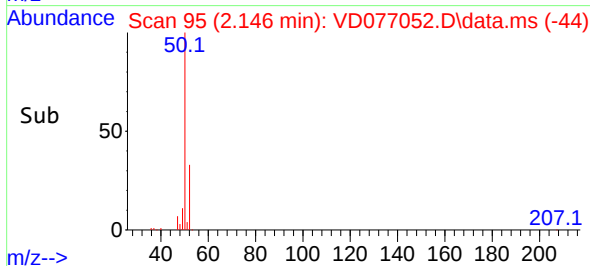
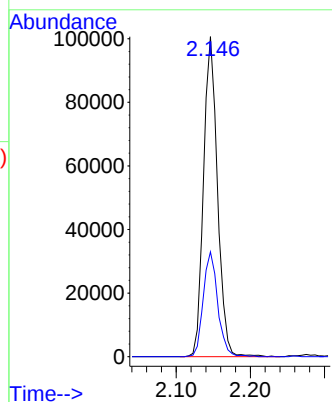


#3
Chloromethane
Concen: 45.270 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

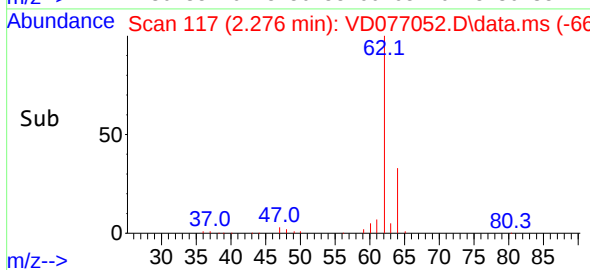
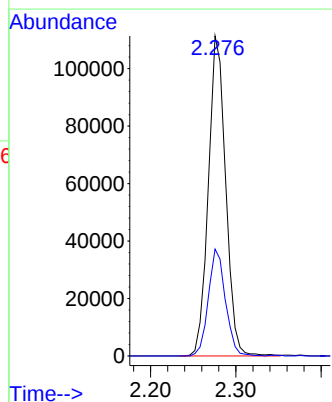
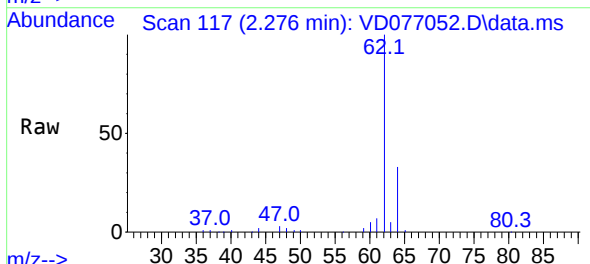


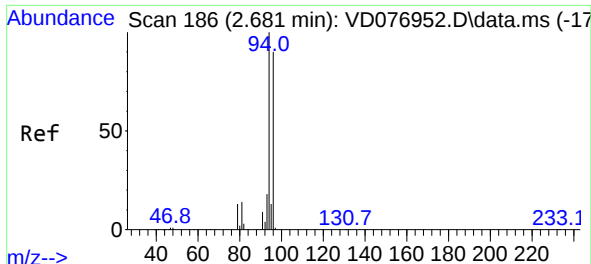
Tgt Ion: 50 Resp: 131532
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 43.353 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 62 Resp: 157390
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0

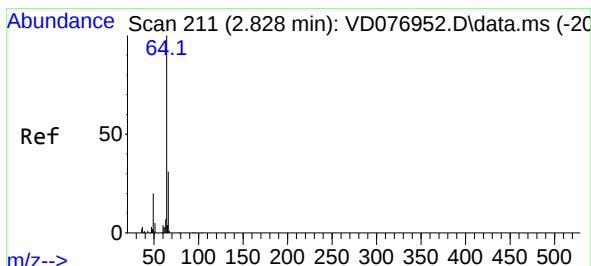
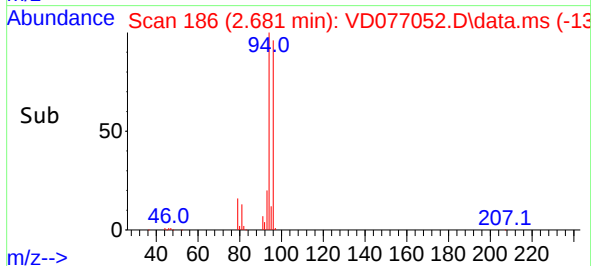
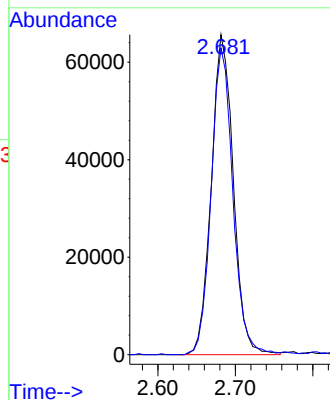
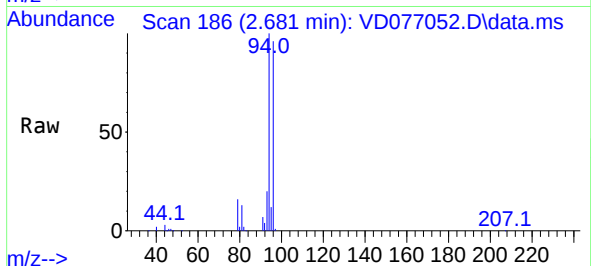




#5
Bromomethane
Concen: 41.721 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

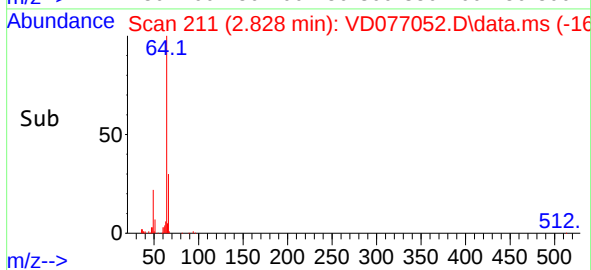
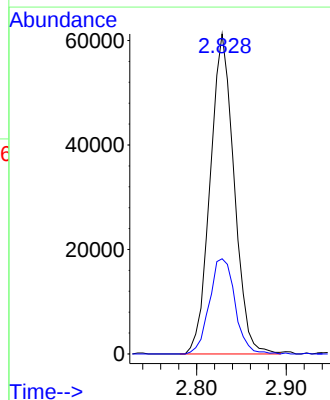
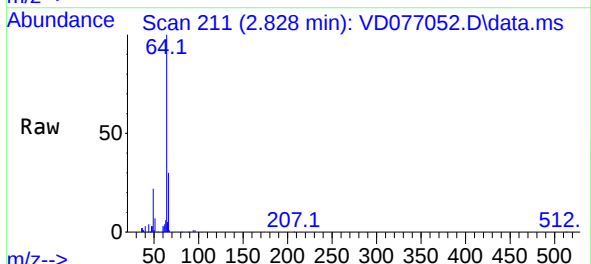
Instrument :
MSVOA_D
ClientSampleId :

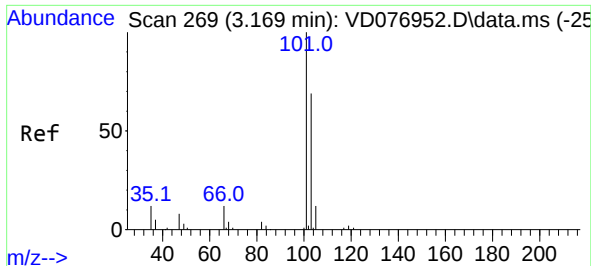
Tgt Ion: 94 Resp: 129542
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 46.023 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 64 Resp: 113472
Ion Ratio Lower Upper
64 100
66 29.8 25.5 38.3

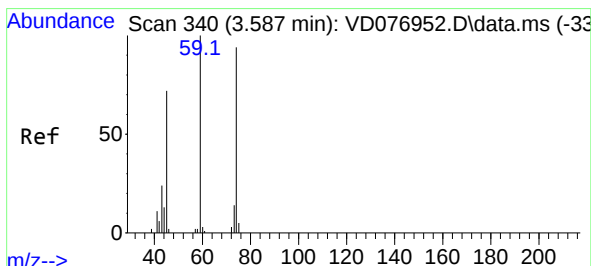
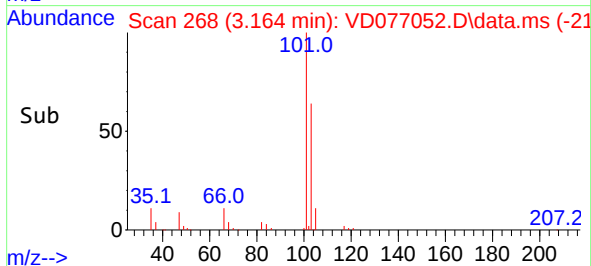
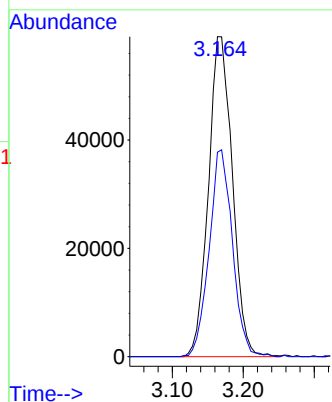
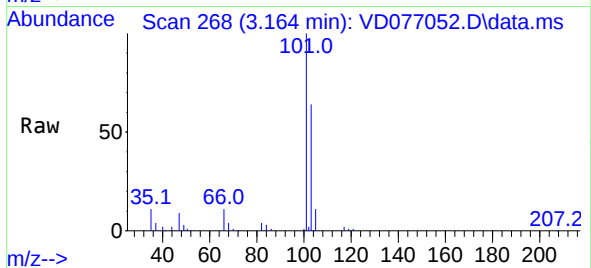




#7
Trichlorofluoromethane
Concen: 42.192 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

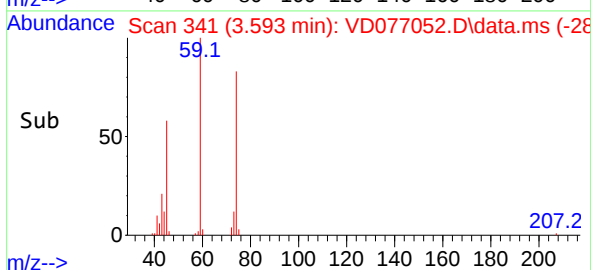
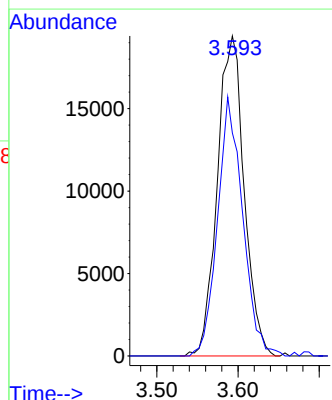
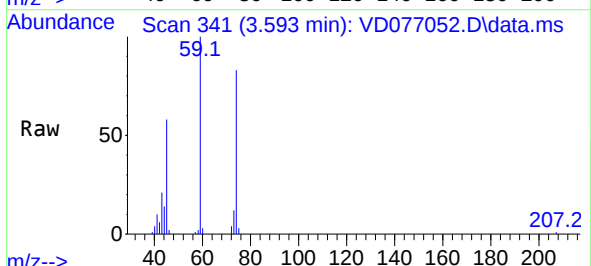
Instrument :
MSVOA_D
ClientSampleId :

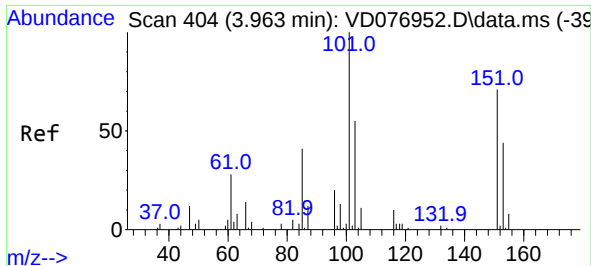
Tgt Ion:101 Resp: 138589
Ion Ratio Lower Upper
101 100
103 63.9 52.3 78.5



#8
Diethyl Ether
Concen: 49.529 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 74 Resp: 44539
Ion Ratio Lower Upper
74 100
45 76.0 37.5 112.7

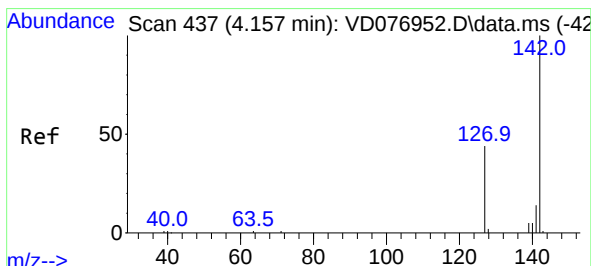
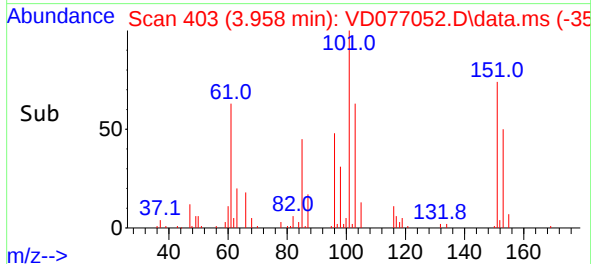
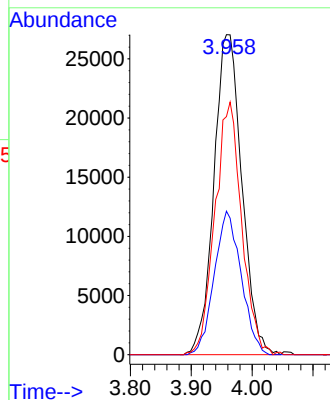
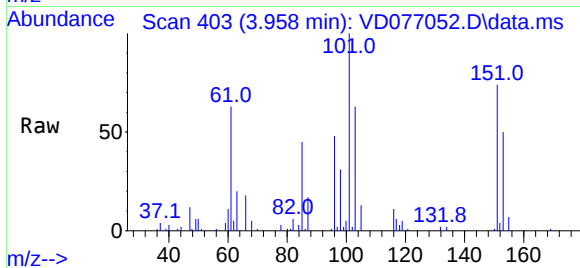




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.997 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD077052.D
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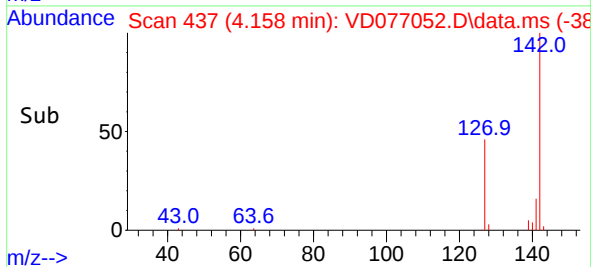
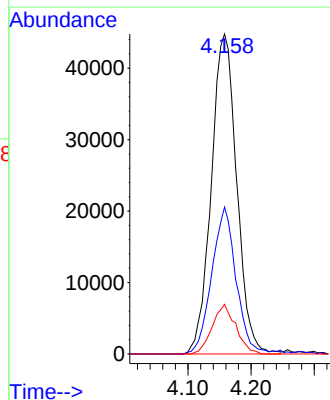
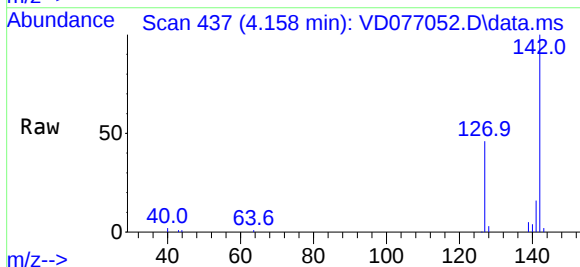
Instrument :
MSVOA_D
ClientSampleId :

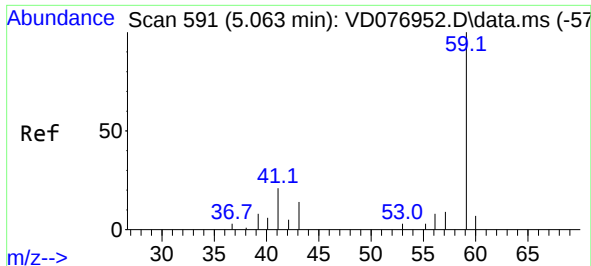
Tgt Ion:101	Resp:	86301
Ion	Ratio	Lower Upper
101	100	
85	43.1	33.8 50.6
151	75.5	59.8 89.6



#10
Methyl Iodide
Concen: 51.276 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

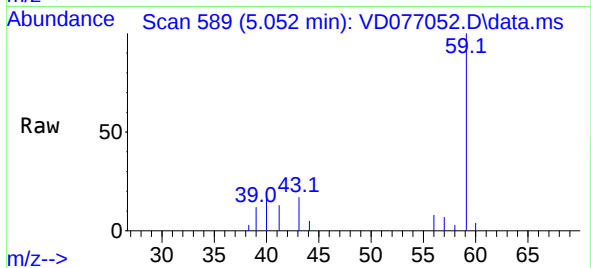
Tgt Ion:142	Resp:	125376
Ion	Ratio	Lower Upper
142	100	
127	43.8	29.4 44.0
141	14.3	11.1 16.7



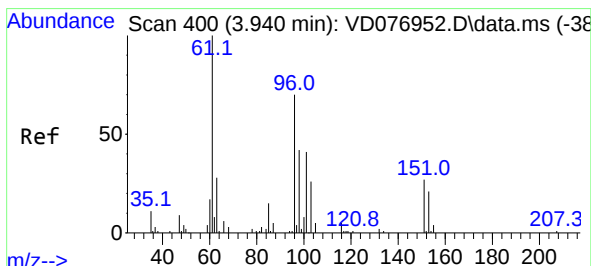
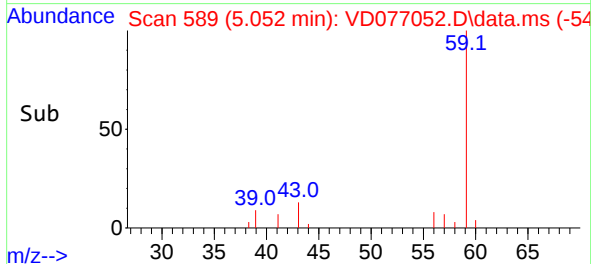
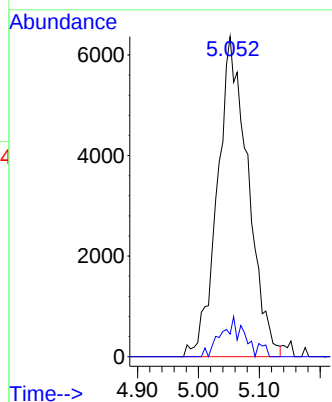


#11
Tert butyl alcohol
Concen: 211.646 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.011 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

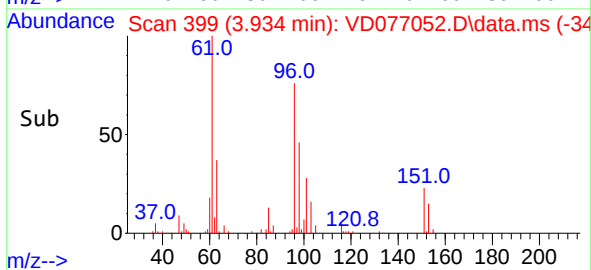
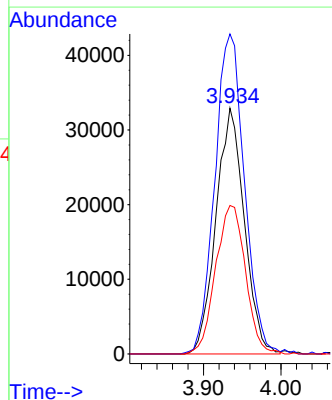
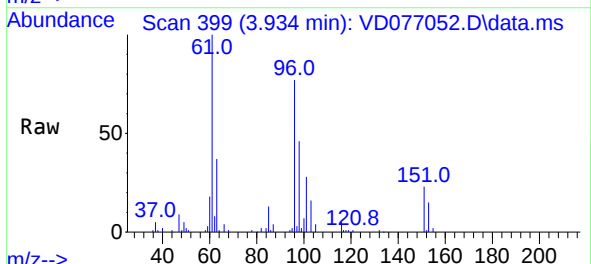


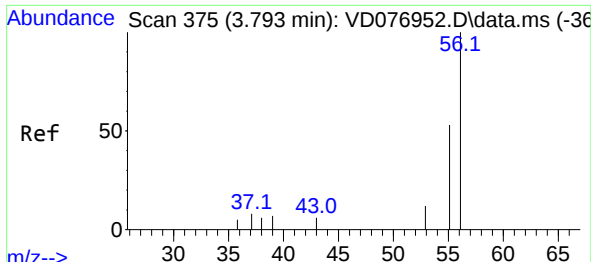
Tgt Ion: 59 Resp: 22206
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 44.085 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

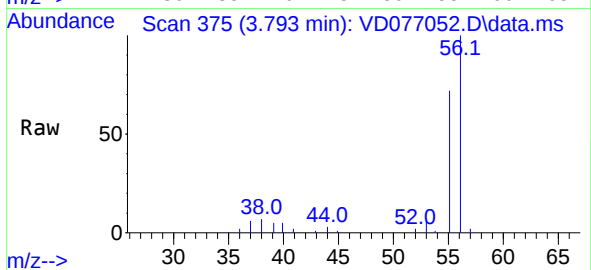
Tgt Ion: 96 Resp: 83881
Ion Ratio Lower Upper
96 100
61 130.2 100.6 150.8
98 60.5 50.2 75.2



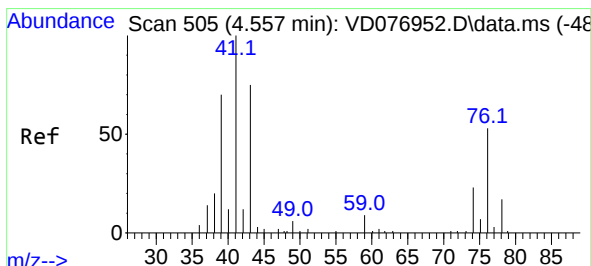
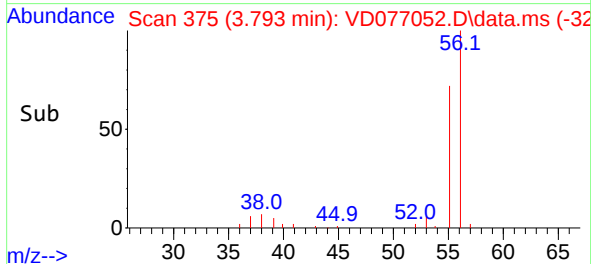
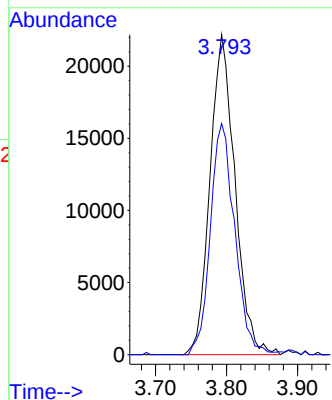


#13
Acrolein
Concen: 247.957 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

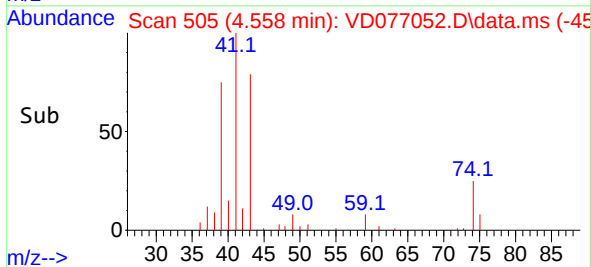
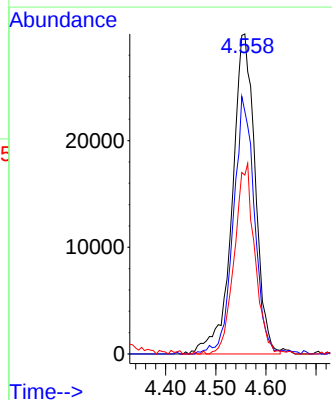
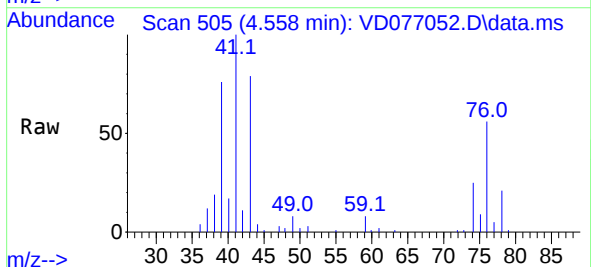


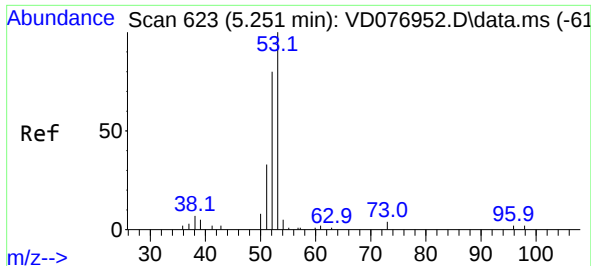
Tgt Ion: 56 Resp: 54165
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7



#14
Allyl chloride
Concen: 45.366 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 41 Resp: 95225
Ion Ratio Lower Upper
41 100
39 73.8 53.8 80.6
76 53.3 45.8 68.8

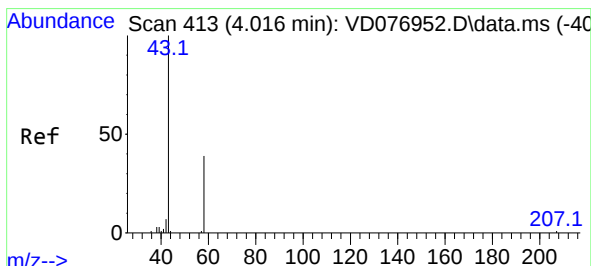
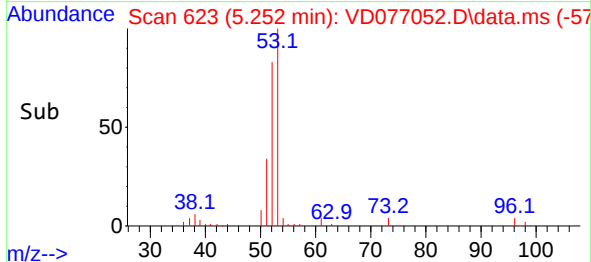
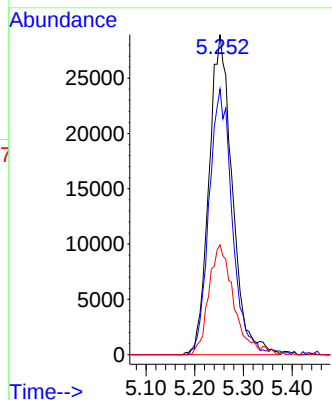
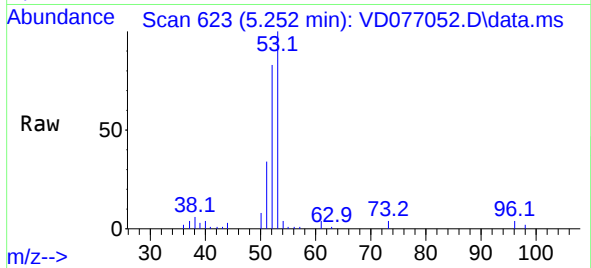




#15
Acrylonitrile
Concen: 242.003 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

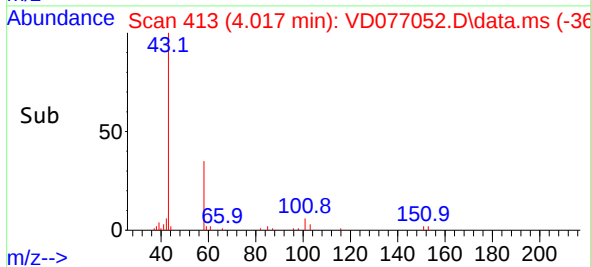
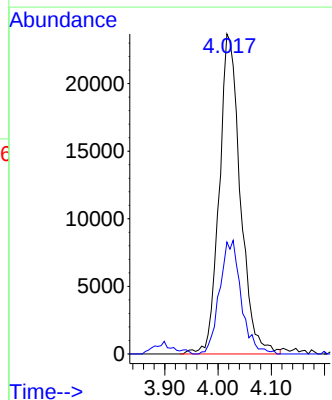
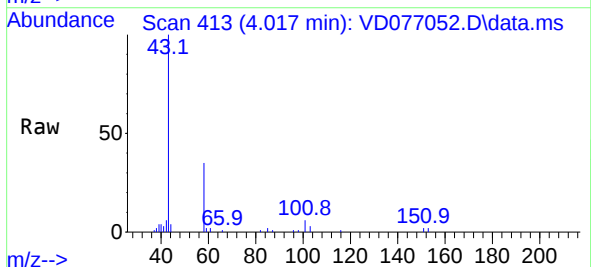
Instrument :
MSVOA_D
ClientSampleId :

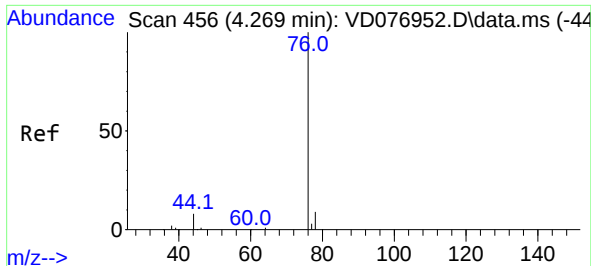
Tgt Ion:	53	Resp:	96306
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.4
51	36.1	28.3	42.5



#16
Acetone
Concen: 163.896 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion:	43	Resp:	65327
Ion	Ratio	Lower	Upper
43	100		
58	34.9	34.7	52.1

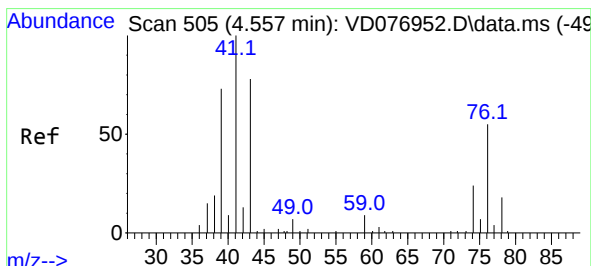
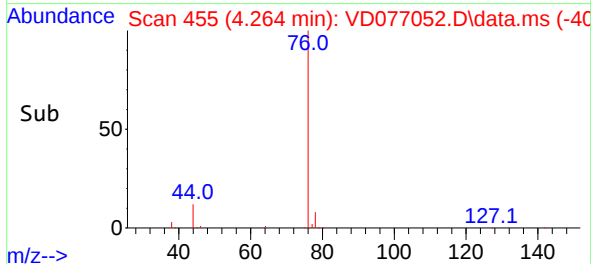
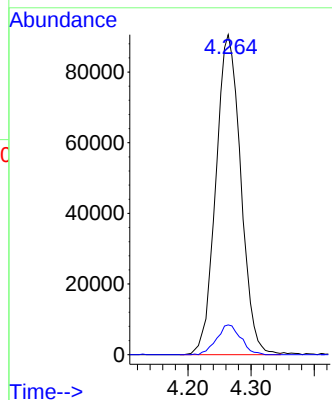
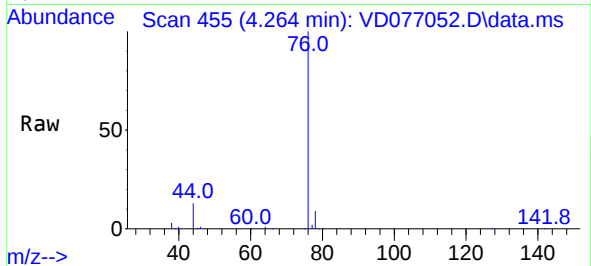




#17
Carbon Disulfide
Concen: 42.748 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

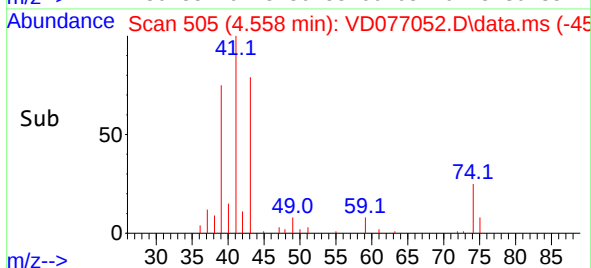
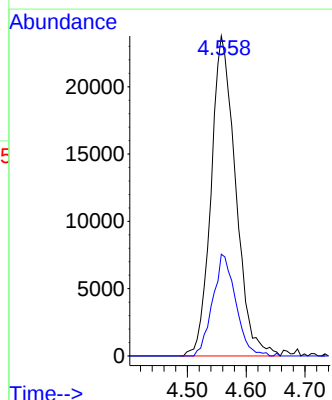
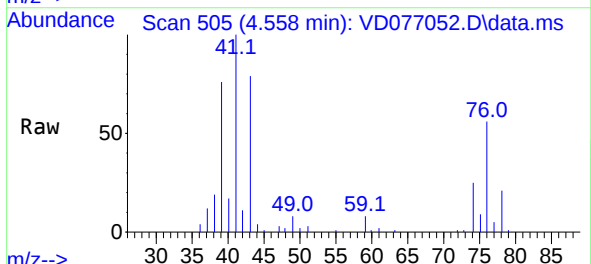
Instrument :
MSVOA_D
ClientSampleId :

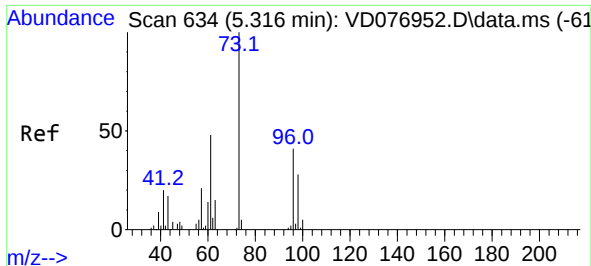
Tgt Ion: 76 Resp: 248227
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 51.201 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 43 Resp: 69052
Ion Ratio Lower Upper
43 100
74 29.7 26.4 39.6

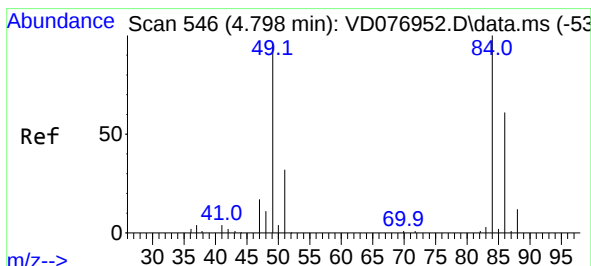
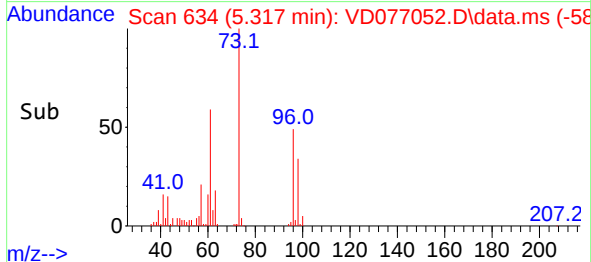
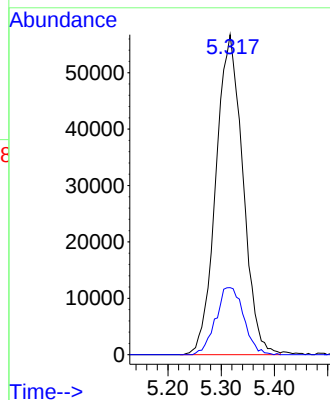
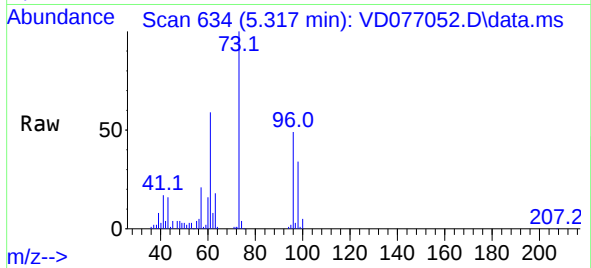




#19
Methyl tert-butyl Ether
Concen: 48.331 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

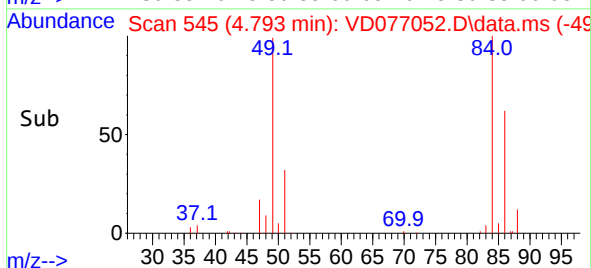
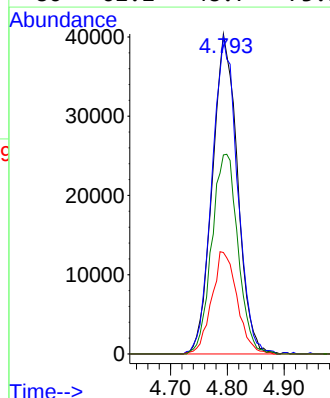
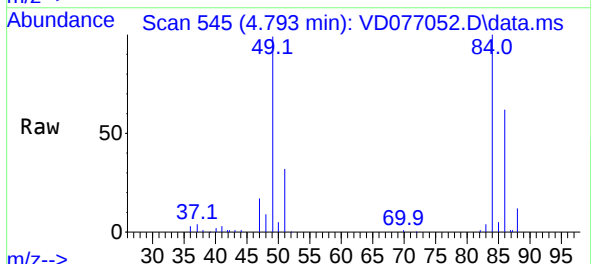
Instrument :
MSVOA_D
ClientSampleId :

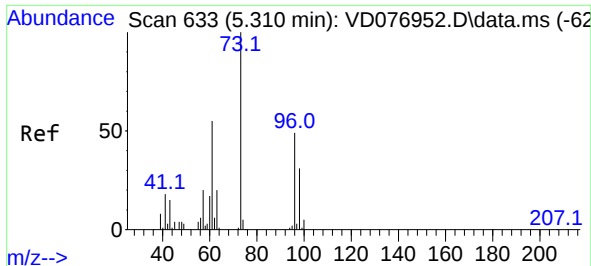
Tgt Ion: 73 Resp: 199447
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 49.499 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

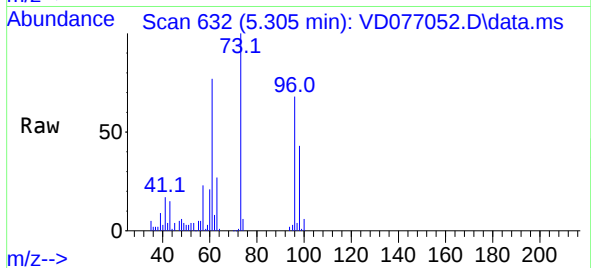
Tgt Ion: 84 Resp: 123996
Ion Ratio Lower Upper
84 100
49 99.1 71.4 107.2
51 31.7 24.5 36.7
86 62.2 48.7 73.1



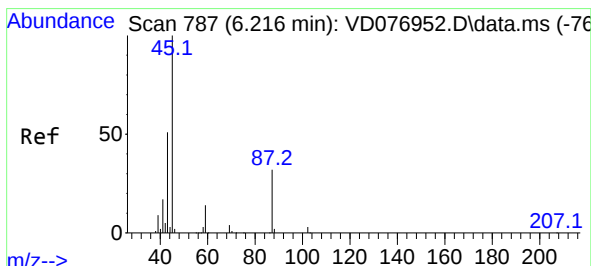
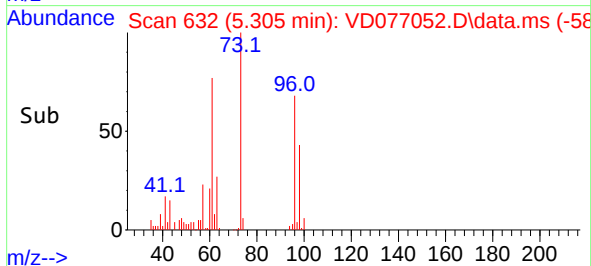
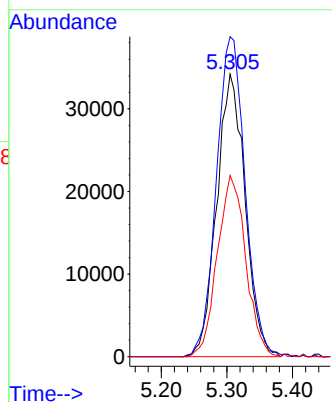


#21
trans-1,2-Dichloroethene
Concen: 45.817 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

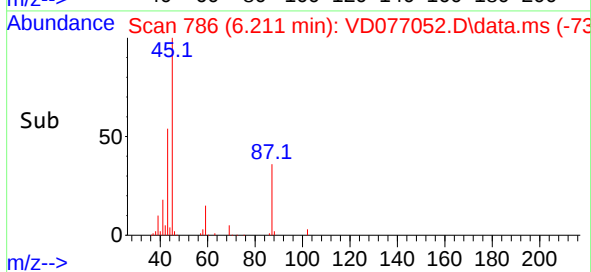
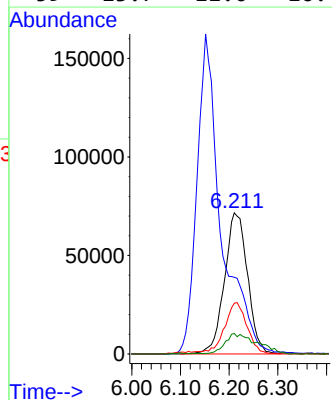
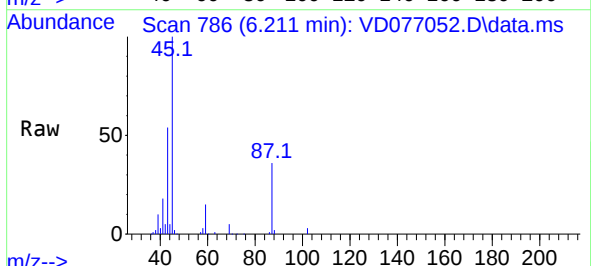


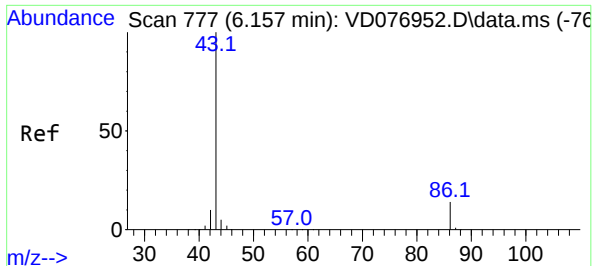
Tgt Ion: 96 Resp: 102689
Ion Ratio Lower Upper
96 100
61 113.3 89.3 133.9
98 64.1 48.6 73.0



#22
Diisopropyl ether
Concen: 50.147 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 45 Resp: 235797
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 35.9 28.2 42.4
59 13.7 11.0 16.4

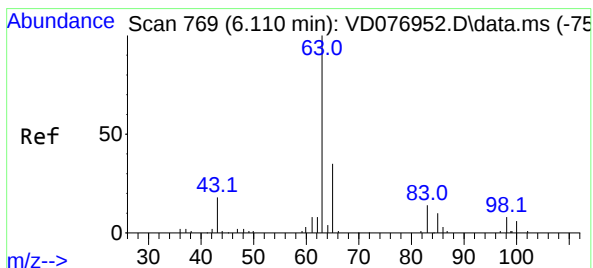
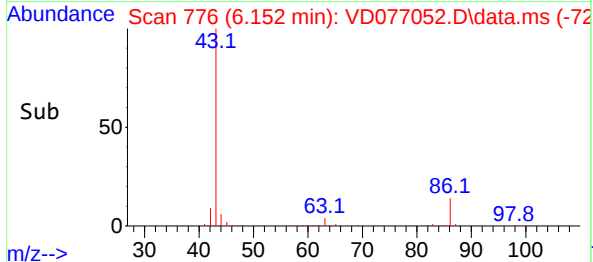
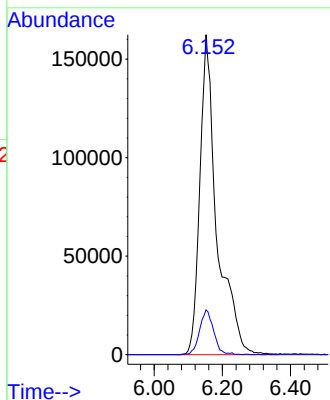
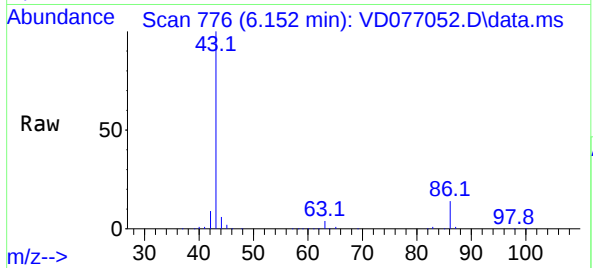




#23
 Vinyl Acetate
 Concen: 239.686 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077052.D
 Acq: 28 Aug 2023 20:17

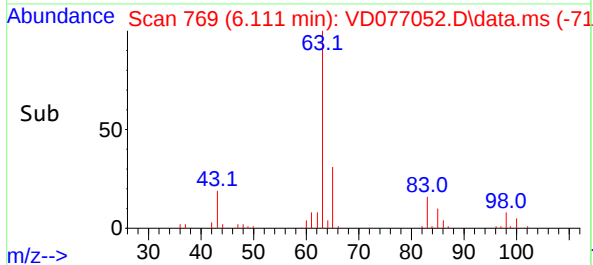
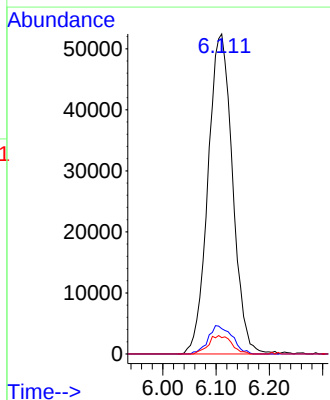
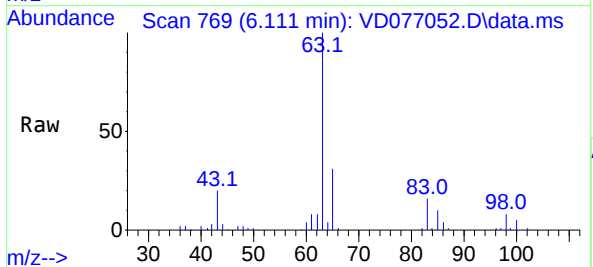
Instrument :
 MSVOA_D
 ClientSampleId :

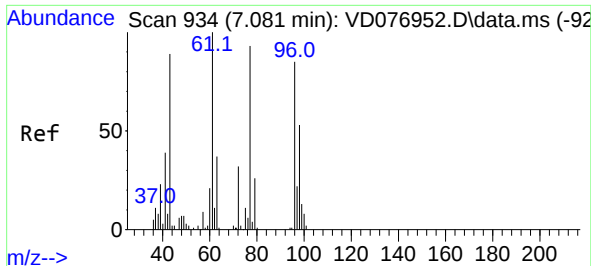
Tgt Ion: 43 Resp: 564551
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.461 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD077052.D
 Acq: 28 Aug 2023 20:17

Tgt Ion: 63 Resp: 167537
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 5.1 2.5 7.5

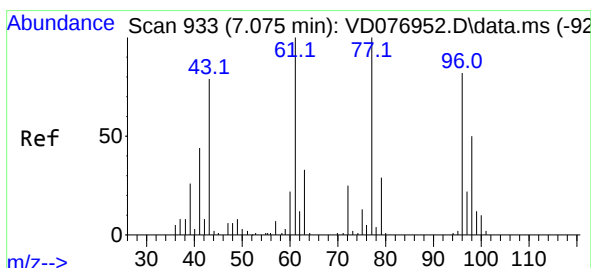
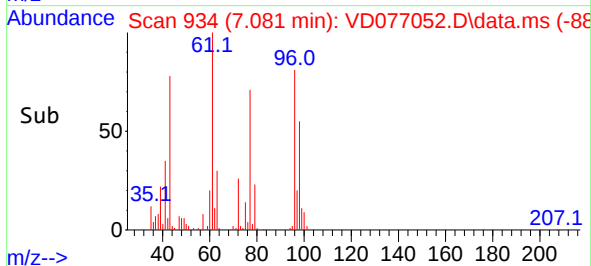
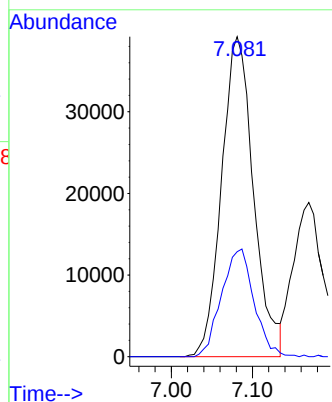
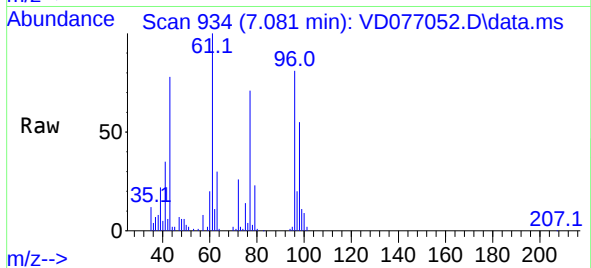




#25
2-Butanone
Concen: 214.567 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

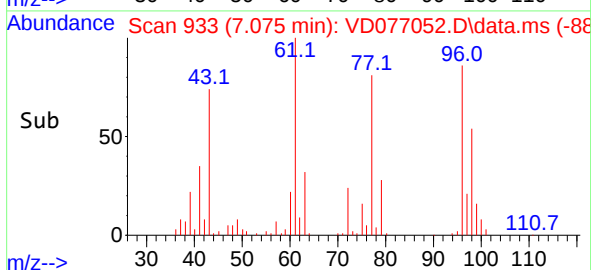
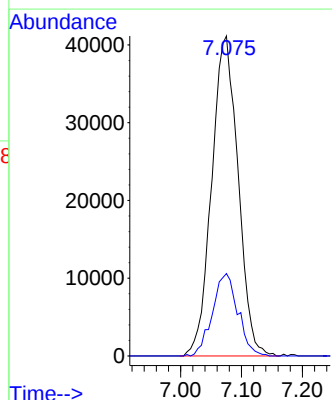
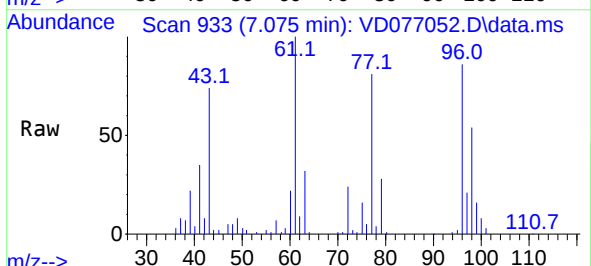
Instrument :
MSVOA_D
ClientSampleId :

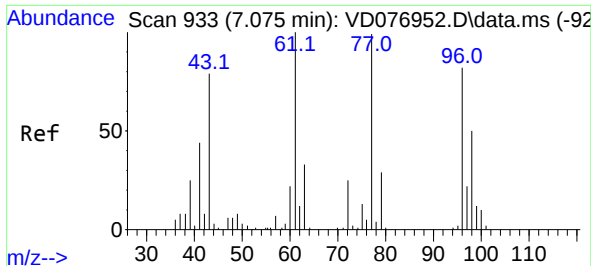
Tgt Ion: 43 Resp: 107160
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 39.452 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 77 Resp: 123941
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6

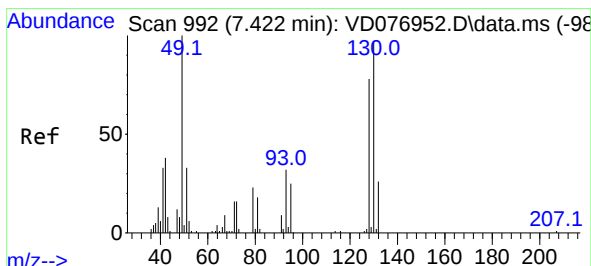
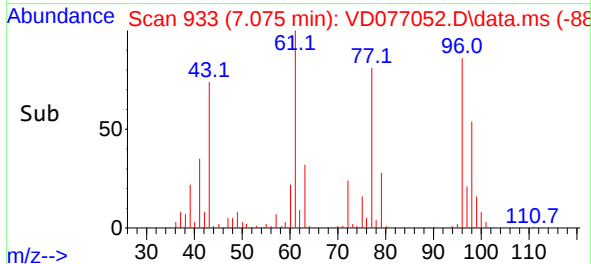
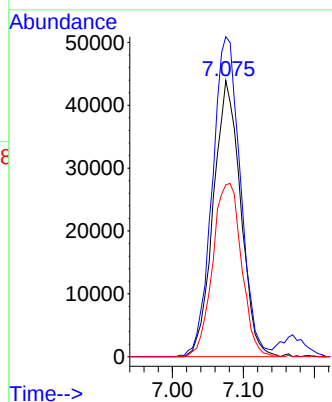
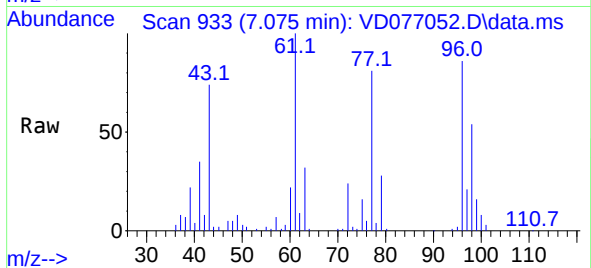




#27
cis-1,2-Dichloroethene
Concen: 46.371 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

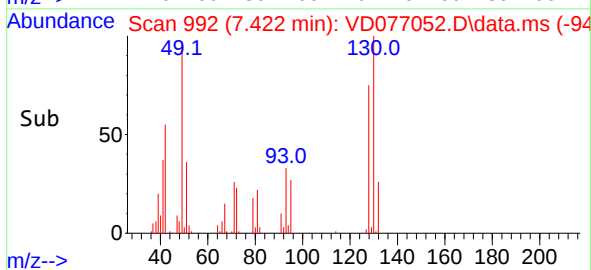
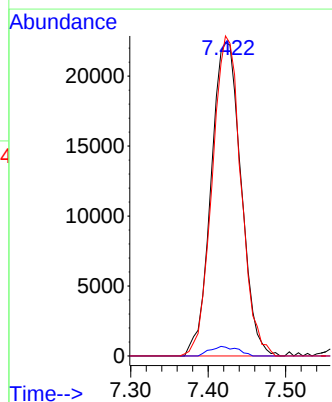
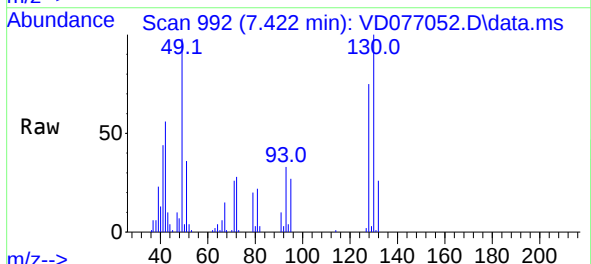
Instrument :
MSVOA_D
ClientSampleId :

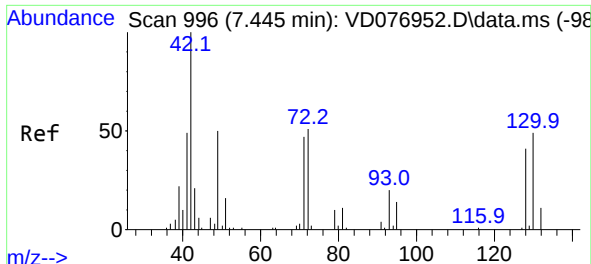
Tgt Ion: 96 Resp: 116758
Ion Ratio Lower Upper
96 100
61 119.9 0.0 239.2
98 66.4 0.0 128.6



#28
Bromochloromethane
Concen: 47.795 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

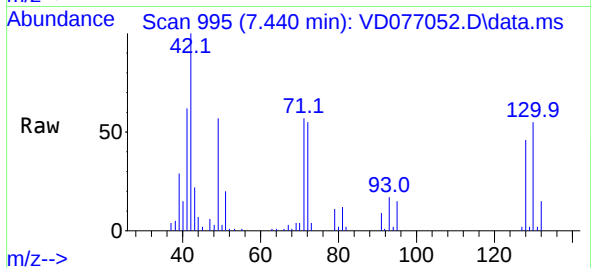
Tgt Ion: 49 Resp: 60265
Ion Ratio Lower Upper
49 100
129 2.8 0.0 6.0
130 98.1 83.2 124.8



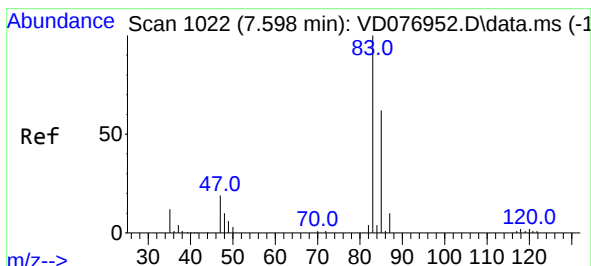
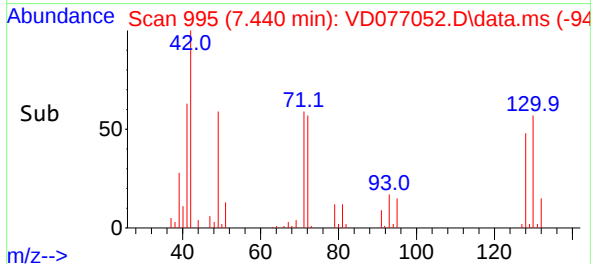
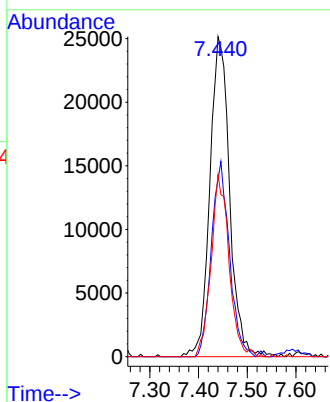


#29
Tetrahydrofuran
Concen: 254.891 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

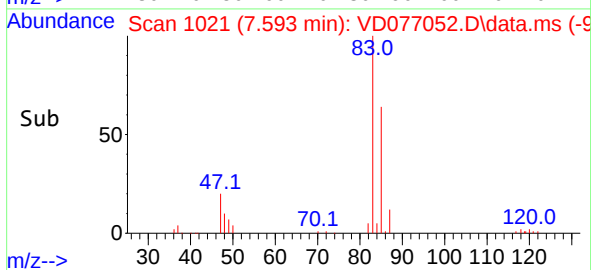
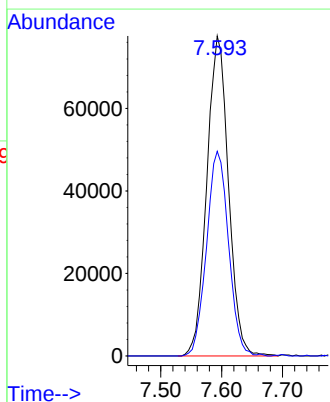
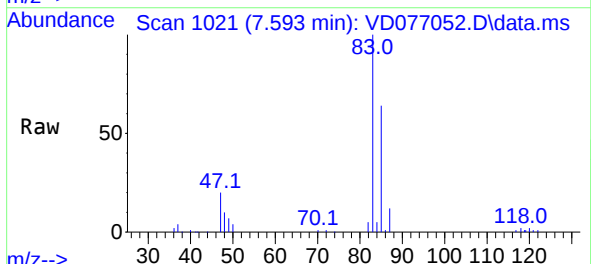


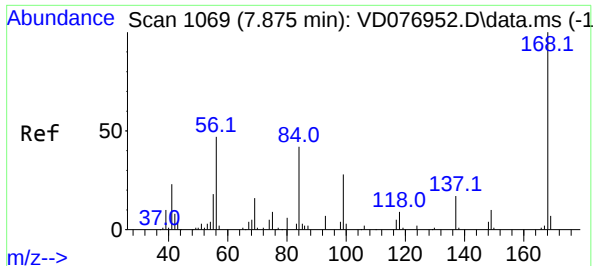
Tgt Ion: 42 Resp: 70707
Ion Ratio Lower Upper
42 100
72 55.9 46.5 69.7
71 51.1 44.5 66.7



#30
Chloroform
Concen: 48.431 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 83 Resp: 191519
Ion Ratio Lower Upper
83 100
85 64.0 53.4 80.2

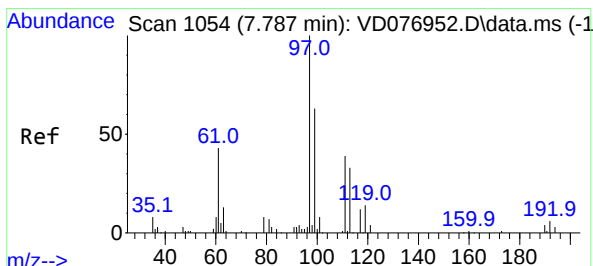
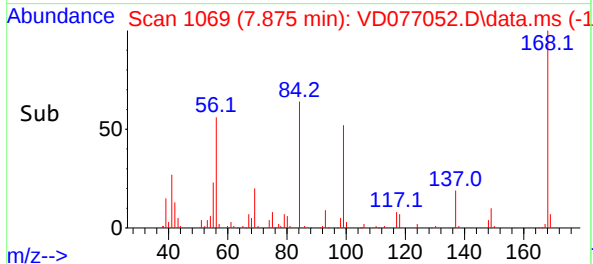
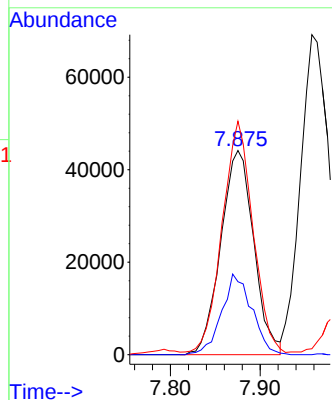
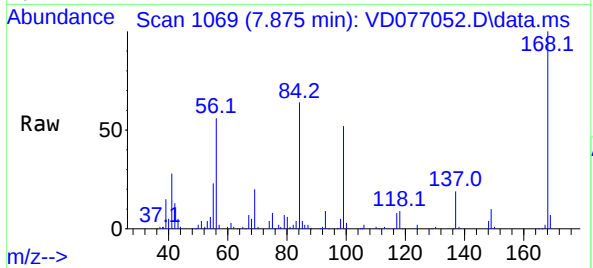




#31
Cyclohexane
Concen: 40.410 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

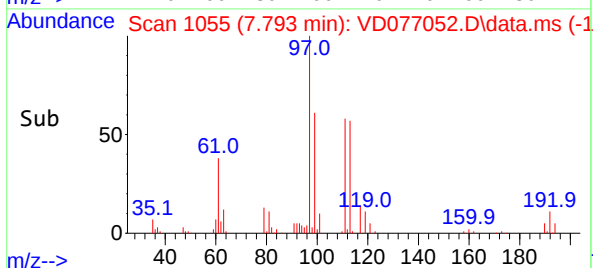
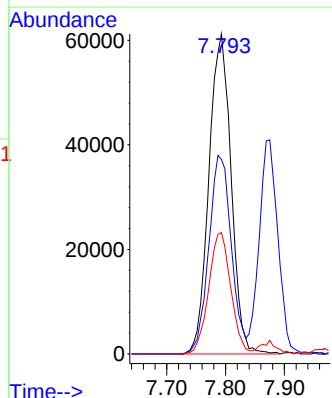
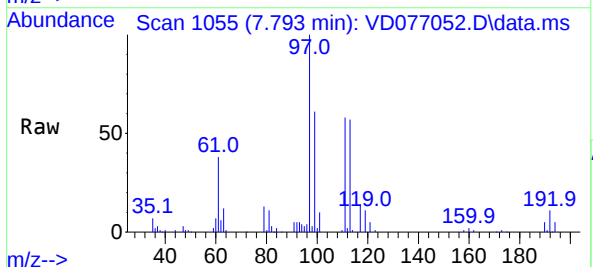
Instrument :
MSVOA_D
ClientSampleId :

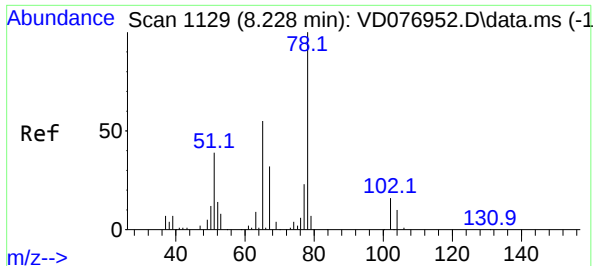
Tgt Ion: 56 Resp: 112895
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 113.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 46.722 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 97 Resp: 160358
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 37.8 33.8 50.8

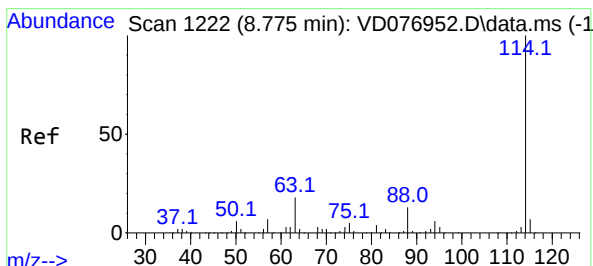
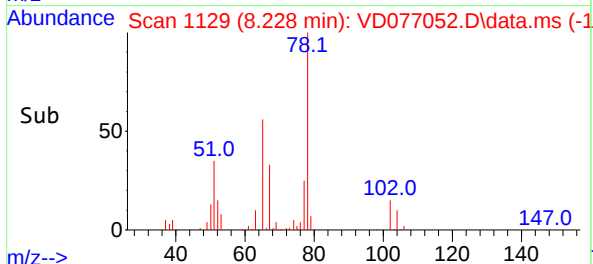
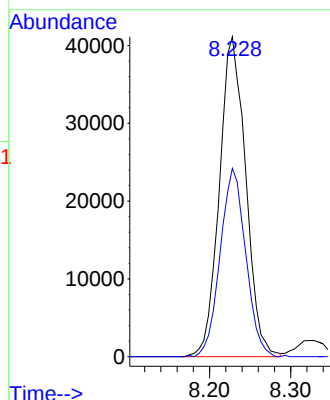
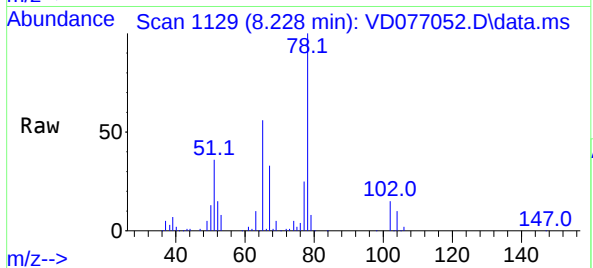




#33
1,2-Dichloroethane-d4
Concen: 53.054 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

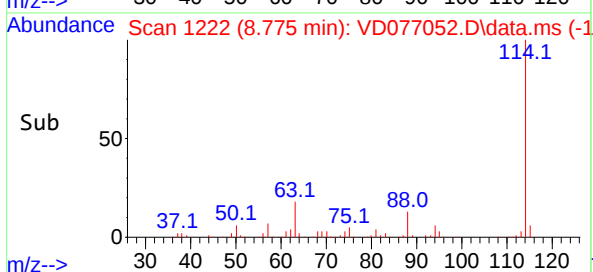
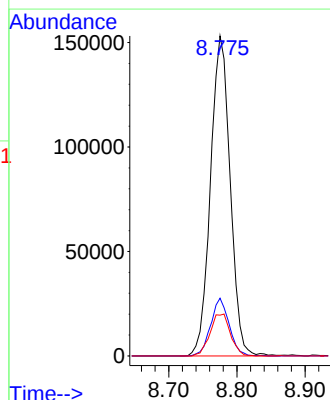
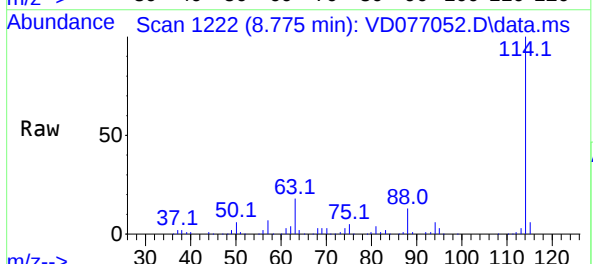
Instrument :
MSVOA_D
ClientSampleId :

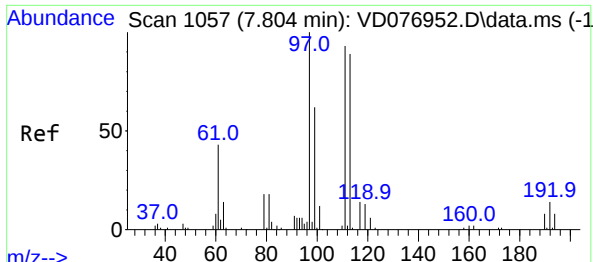
Tgt Ion: 65 Resp: 92776
Ion Ratio Lower Upper
65 100
67 57.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

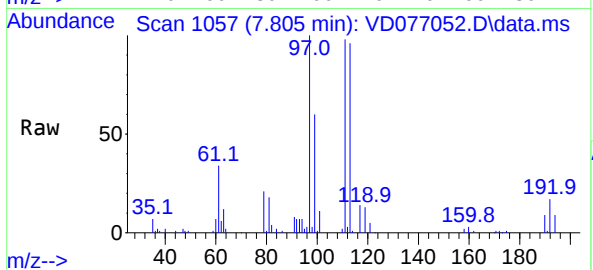
Tgt Ion:114 Resp: 307424
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 12.7 0.0 26.2



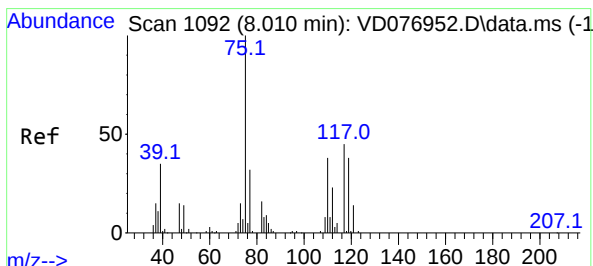
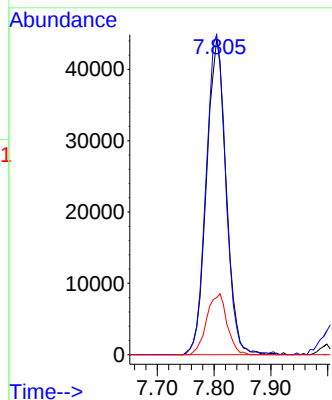
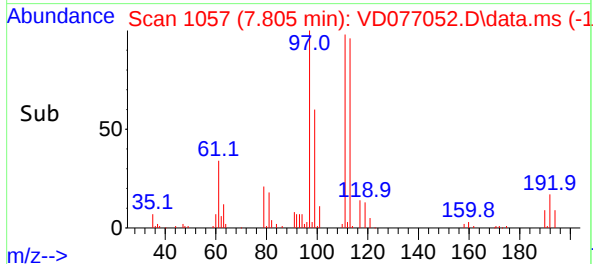


#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

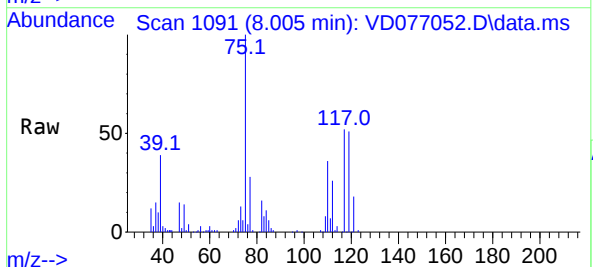
Instrument :
MSVOA_D
ClientSampleId :



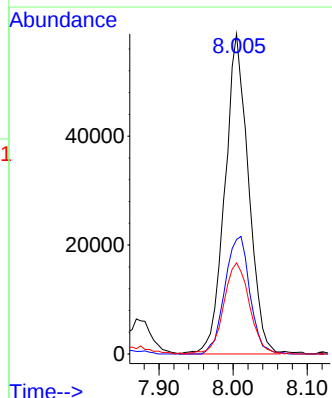
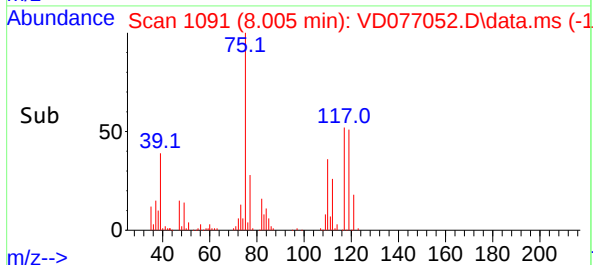
Tgt Ion:113 Resp: 106113
Ion Ratio Lower Upper
113 100
111 101.8 84.7 127.1
192 19.9 16.8 25.2

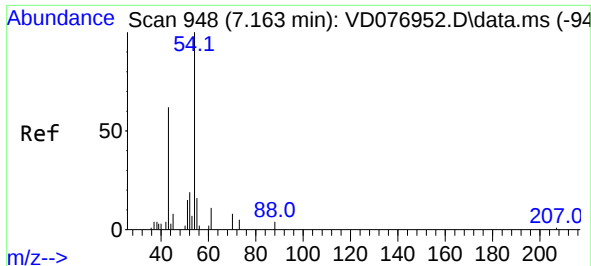


#36
1,1-Dichloropropene
Concen: 44.316 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17



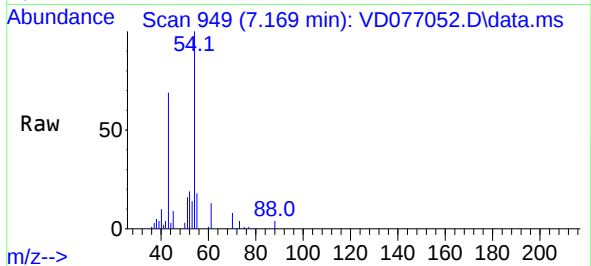
Tgt Ion: 75 Resp: 129656
Ion Ratio Lower Upper
75 100
110 39.0 19.9 59.6
77 31.2 24.7 37.1



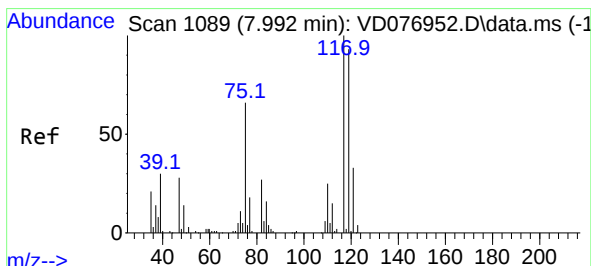
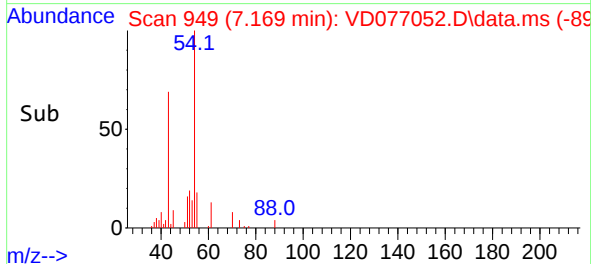
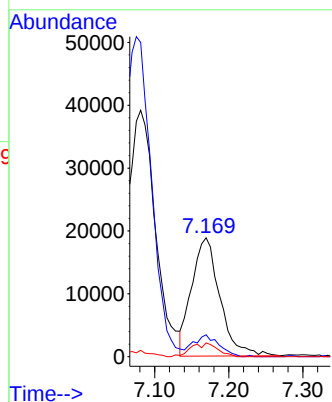


#37
Ethyl Acetate
Concen: 47.114 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

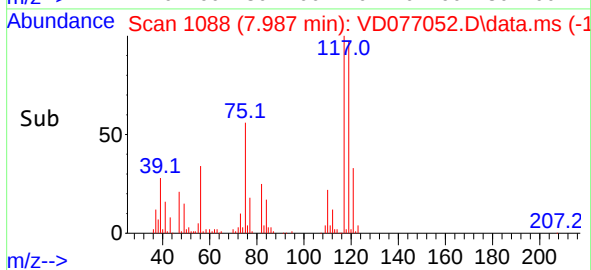
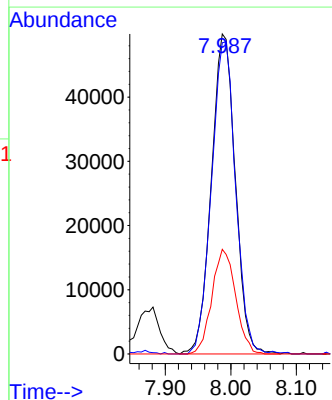
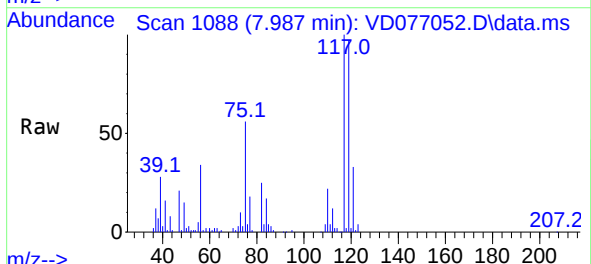


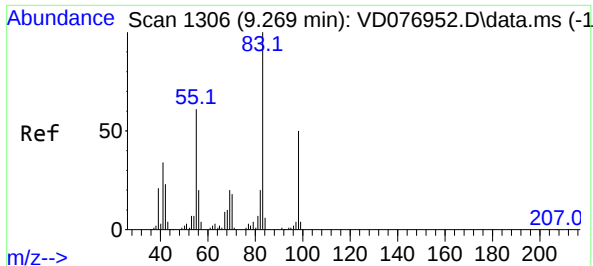
Tgt Ion: 43 Resp: 49715
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 5.2 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 42.694 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 117 Resp: 126296
Ion Ratio Lower Upper
117 100
119 97.2 78.0 117.0
121 32.7 24.2 36.2





#39

Methylcyclohexane

Concen: 43.480 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

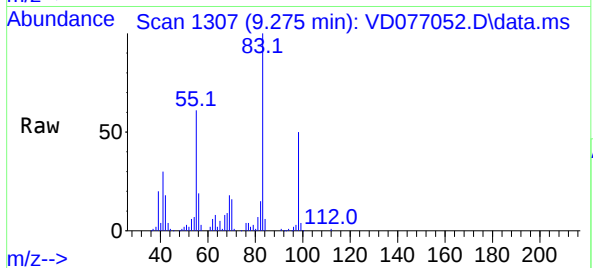
Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

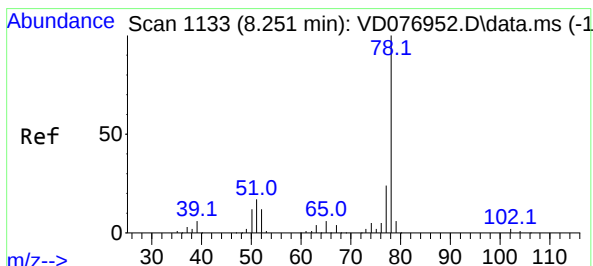
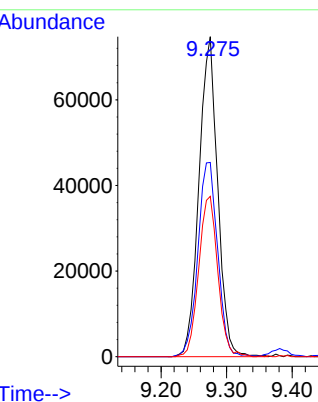
MSVOA_D

ClientSampleId :



Tgt Ion: 83 Resp: 147883

Ion	Ratio	Lower	Upper
83	100		
55	60.7	49.4	74.0
98	50.1	38.4	57.6



#40

Benzene

Concen: 46.143 ug/l

RT: 8.252 min Scan# 1133

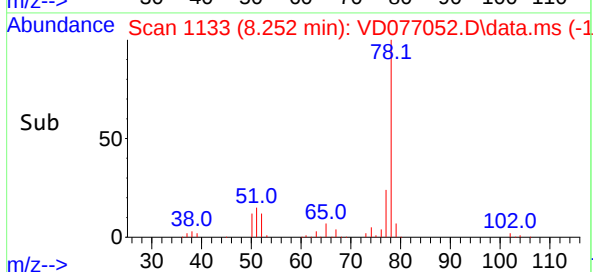
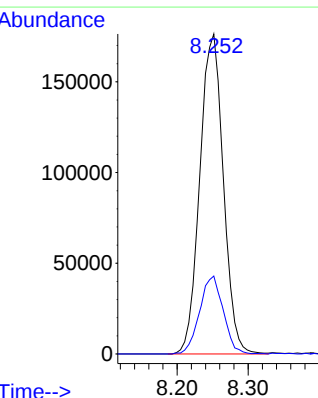
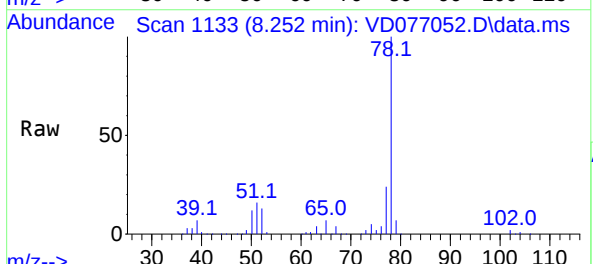
Delta R.T. 0.001 min

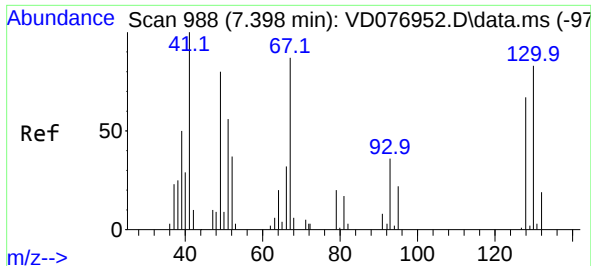
Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Tgt Ion: 78 Resp: 405405

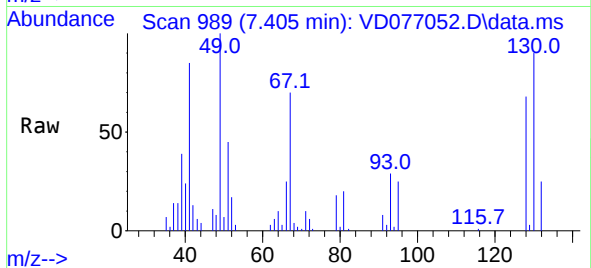
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0



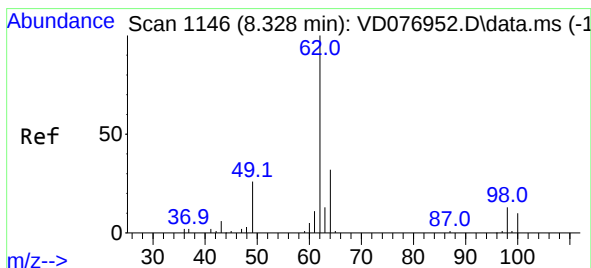
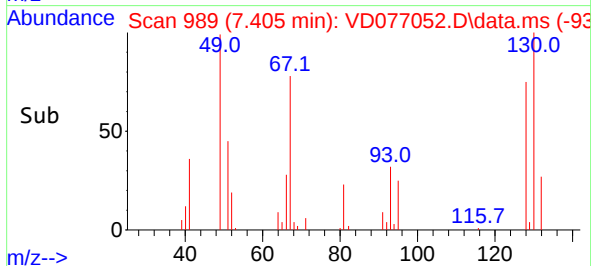
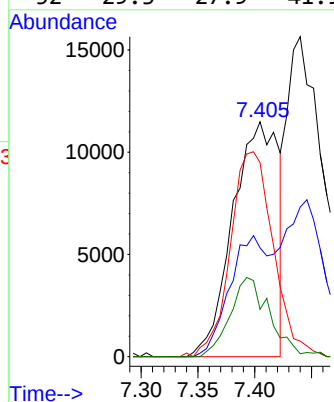


#41
Methacrylonitrile
Concen: 55.295 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.007 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

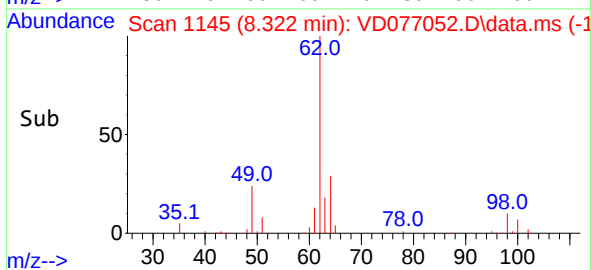
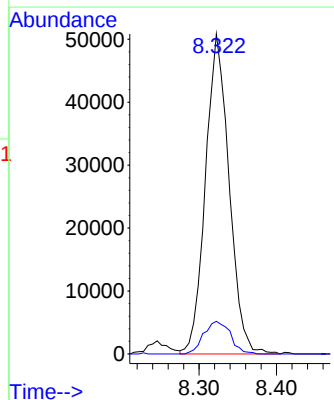
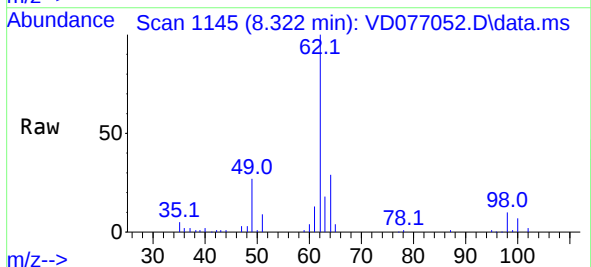


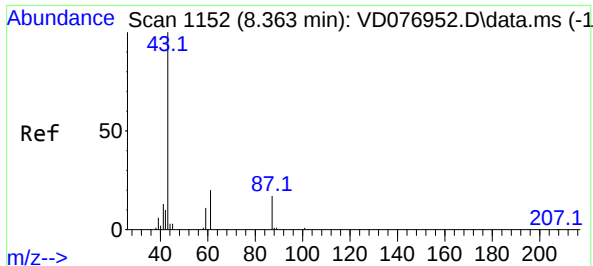
Tgt Ion: 41 Resp: 32175
Ion Ratio Lower Upper
41 100
39 41.1 34.0 51.0
67 81.9 77.0 115.4
52 29.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 47.500 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 62 Resp: 107845
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 46.730 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.005 min

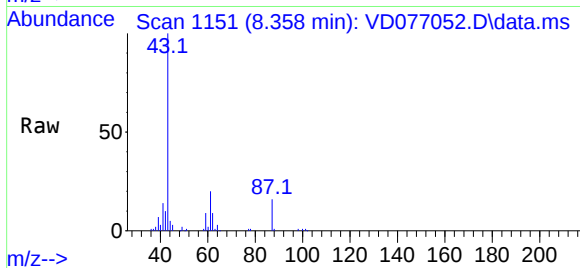
Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

ClientSampleId :



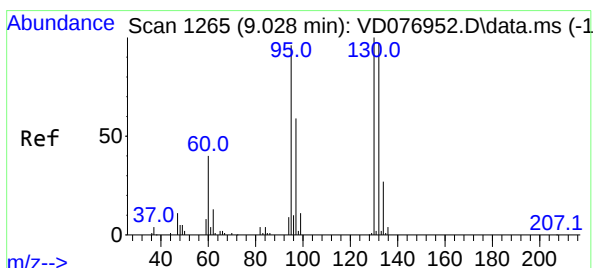
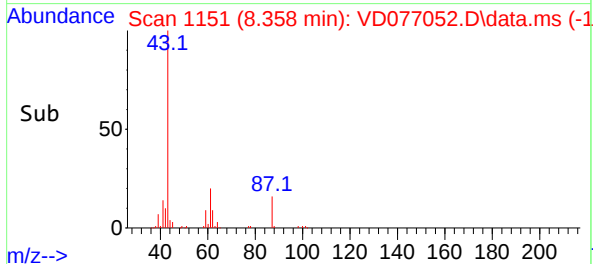
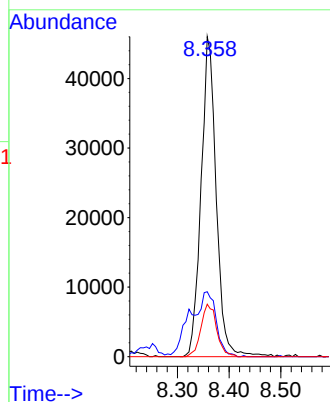
Tgt Ion: 43 Resp: 93691

Ion Ratio Lower Upper

43 100

61 22.4 31.4 47.0#

87 17.1 14.9 22.3



#44

Trichloroethene

Concen: 43.947 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077052.D

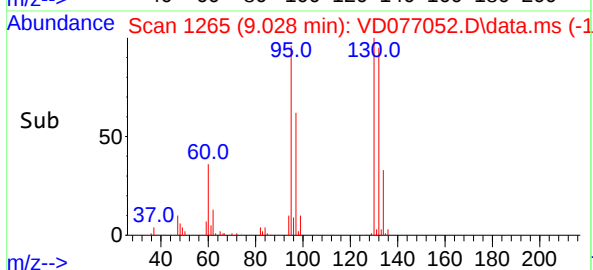
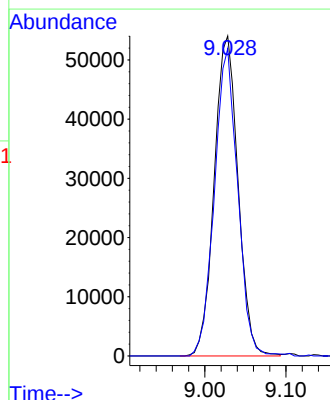
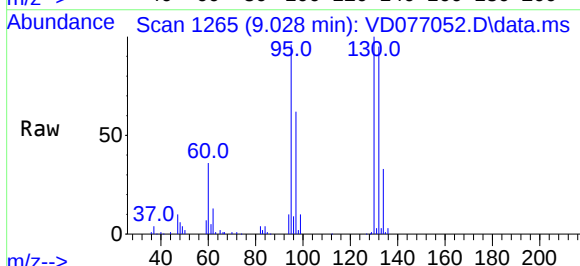
Acq: 28 Aug 2023 20:17

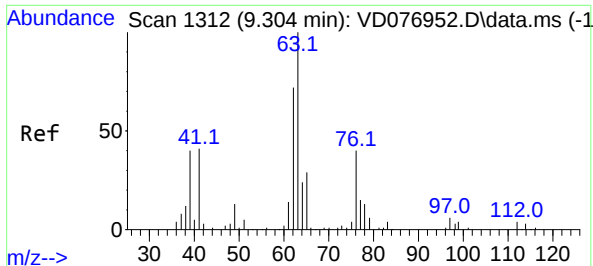
Tgt Ion:130 Resp: 110027

Ion Ratio Lower Upper

130 100

95 96.0 0.0 179.2

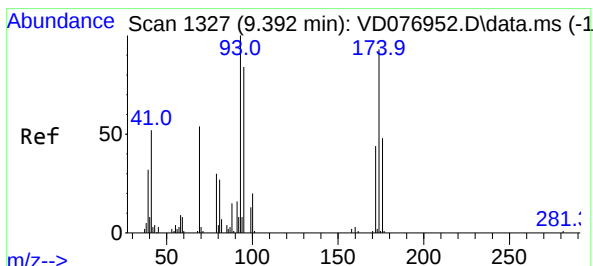
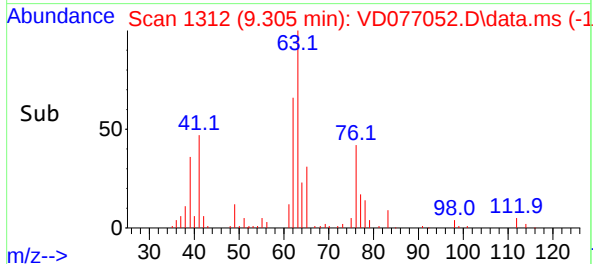
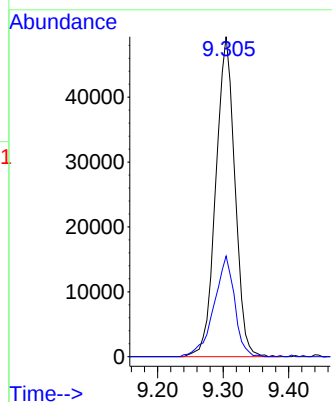
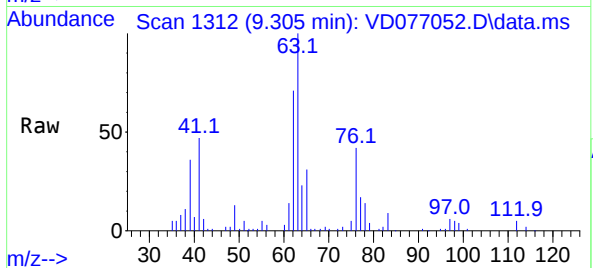




#45
1,2-Dichloropropane
Concen: 47.906 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

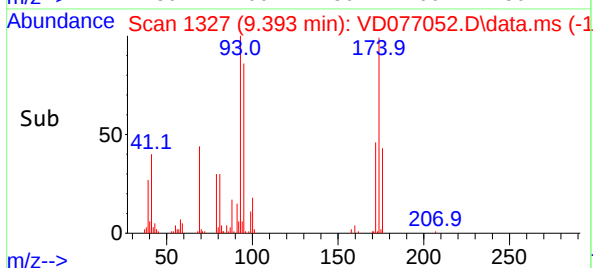
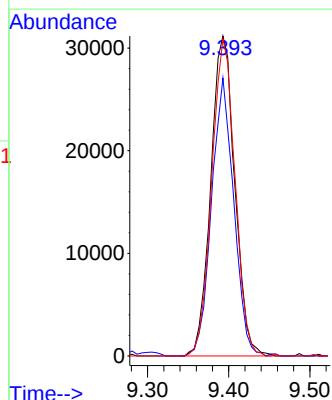
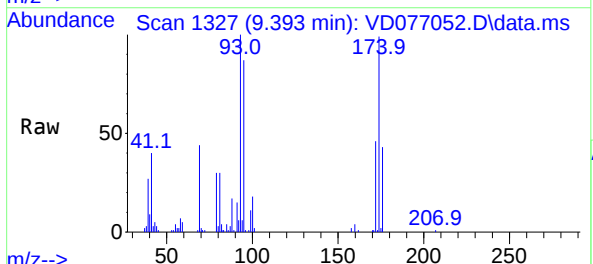
Instrument :
MSVOA_D
ClientSampleId :

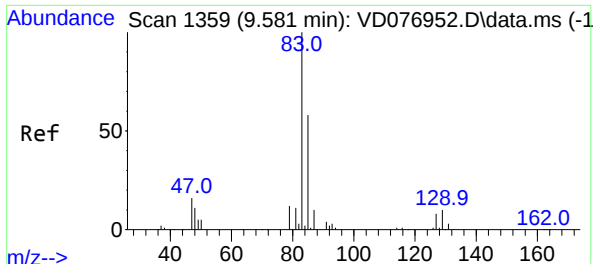
Tgt Ion: 63 Resp: 99569
Ion Ratio Lower Upper
63 100
65 31.5 24.5 36.7



#46
Dibromomethane
Concen: 48.272 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 93 Resp: 63878
Ion Ratio Lower Upper
93 100
95 80.5 67.7 101.5
174 96.2 85.4 128.2

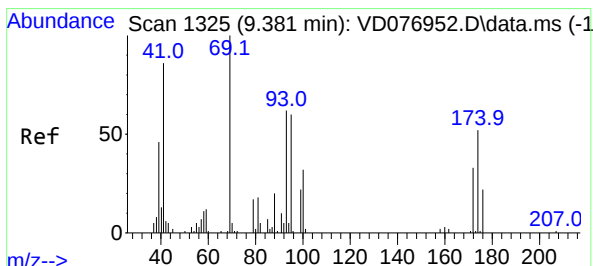
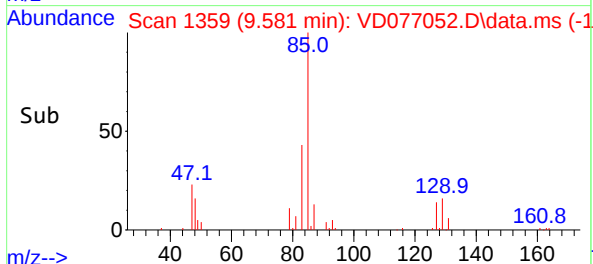
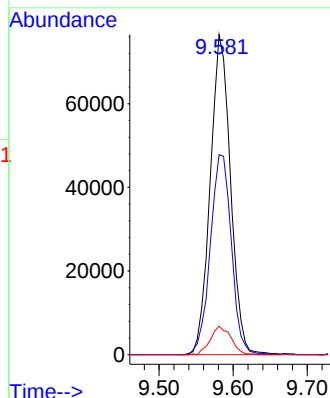
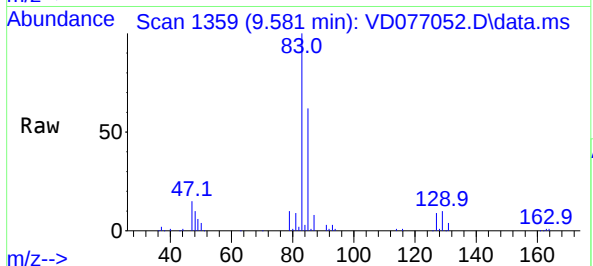




#47
Bromodichloromethane
Concen: 47.140 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

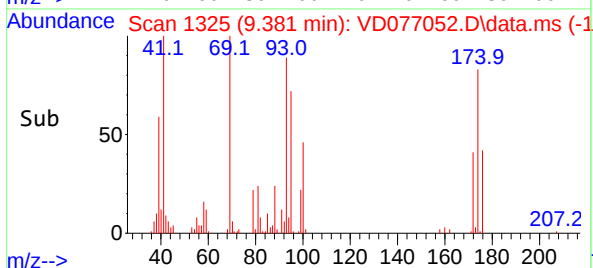
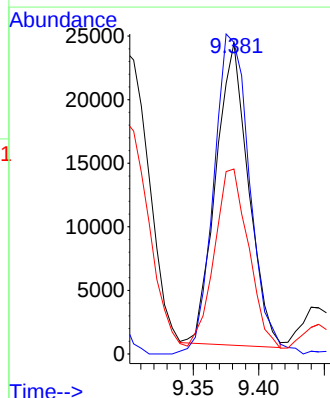
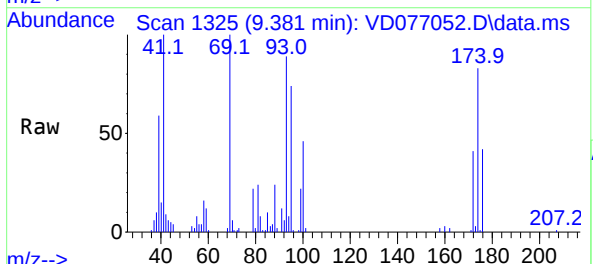
Instrument :
MSVOA_D
ClientSampleId :

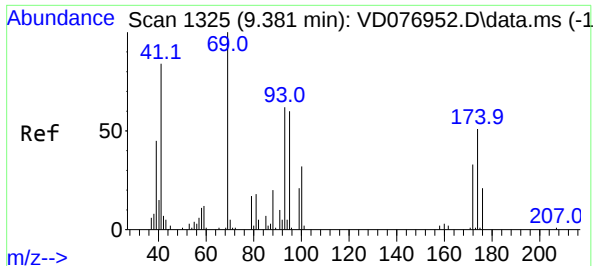
Tgt Ion: 83 Resp: 145624
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 45.818 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

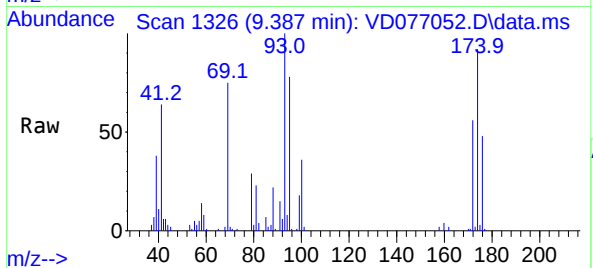
Tgt Ion: 41 Resp: 41173
Ion Ratio Lower Upper
41 100
69 116.7 102.2 153.2
39 66.6 41.4 62.2#



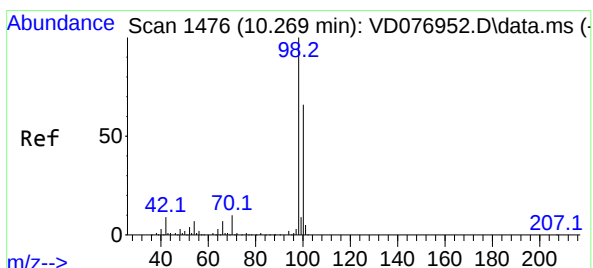
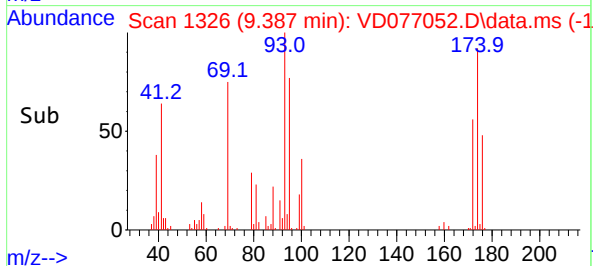
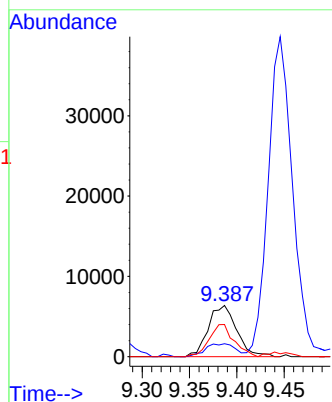


#49
1,4-Dioxane
Concen: 939.119 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

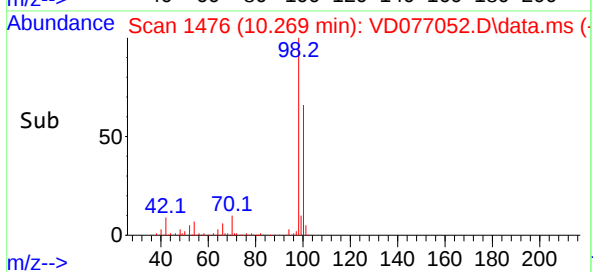
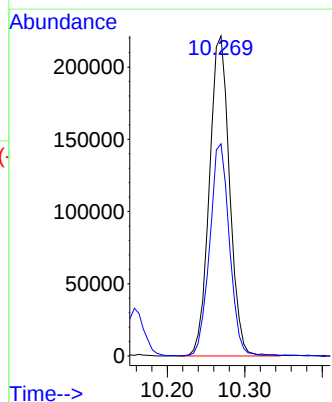
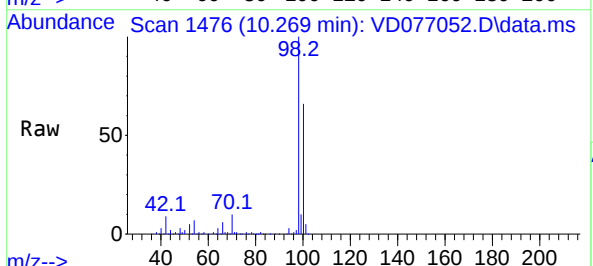


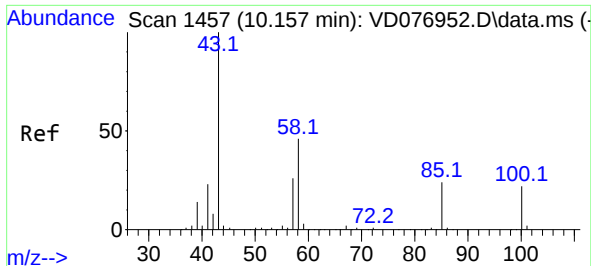
Tgt Ion: 88 Resp: 13313
Ion Ratio Lower Upper
88 100
43 26.2 19.0 28.6
58 54.7 43.5 65.3



#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 98 Resp: 399958
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

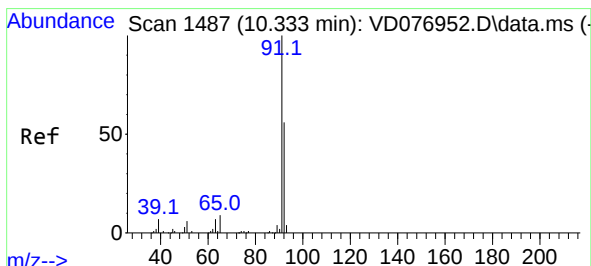
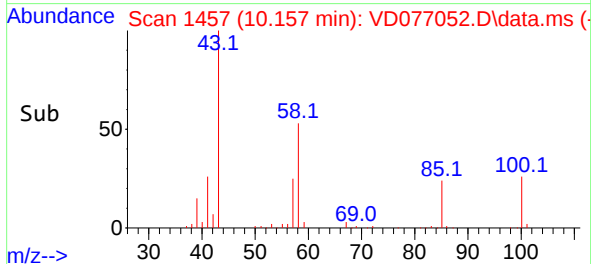
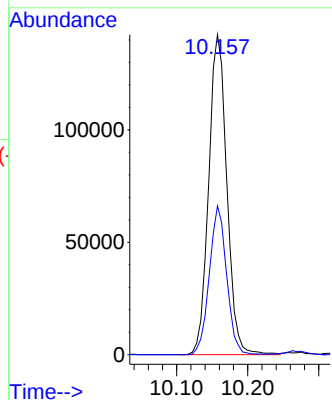
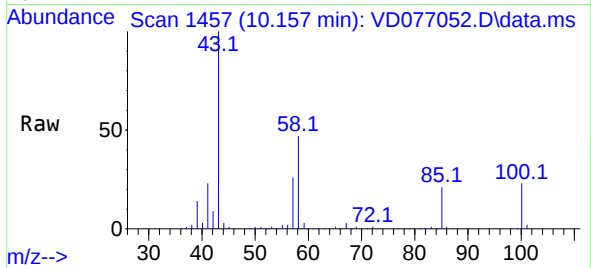




#51
4-Methyl-2-Pentanone
Concen: 245.477 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

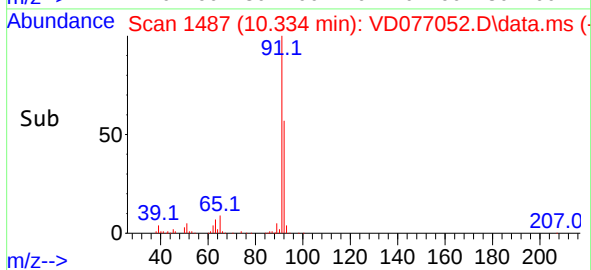
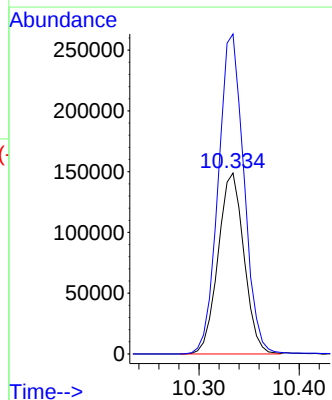
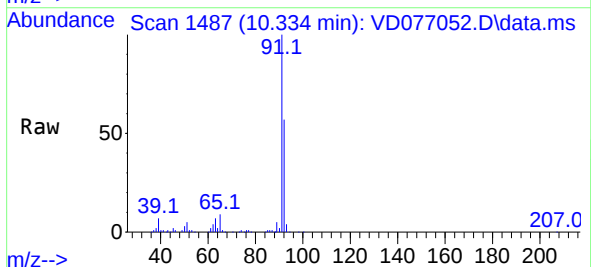
Instrument :
MSVOA_D
ClientSampleId :

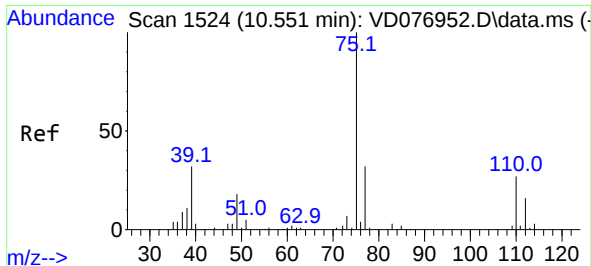
Tgt Ion: 43 Resp: 253180
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 47.046 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 92 Resp: 266370
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

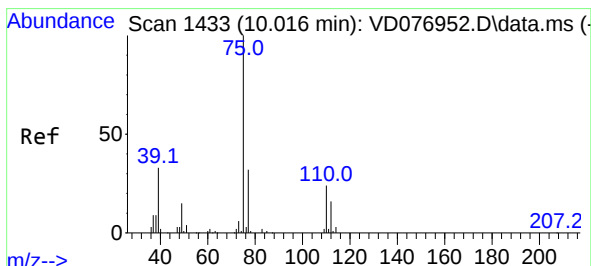
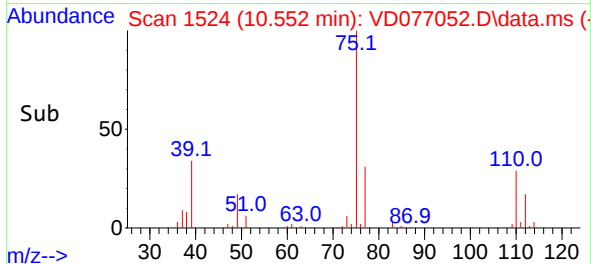
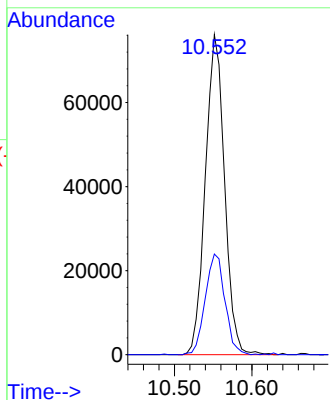
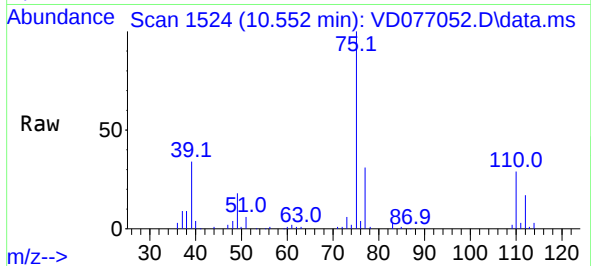




#53
t-1,3-Dichloropropene
Concen: 45.886 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

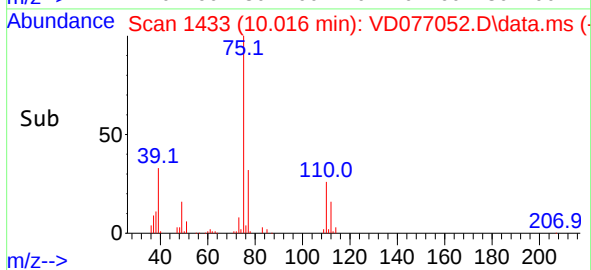
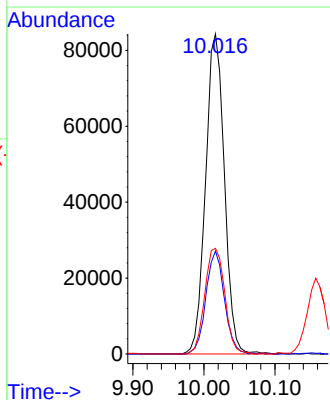
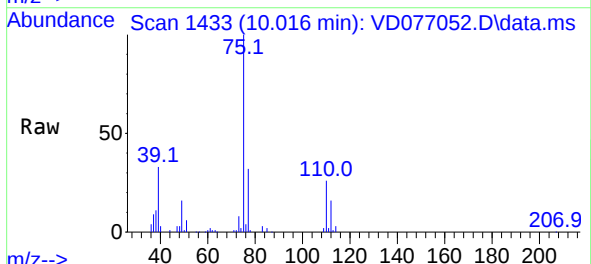
Instrument :
MSVOA_D
ClientSampleId :

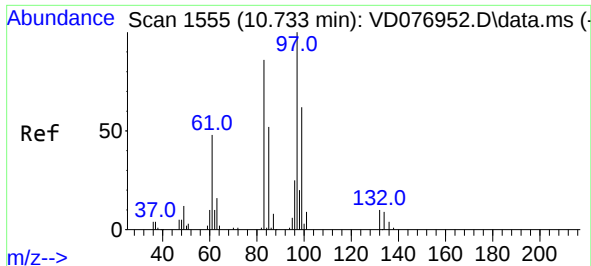
Tgt Ion: 75 Resp: 131095
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.719 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

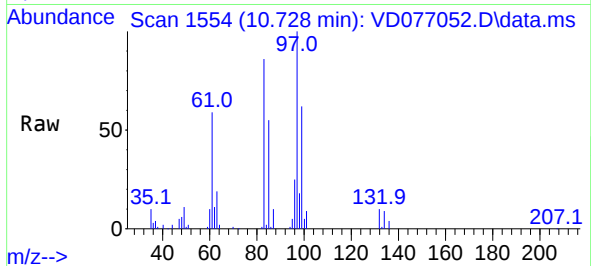
Tgt Ion: 75 Resp: 155342
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 33.0 22.1 33.1





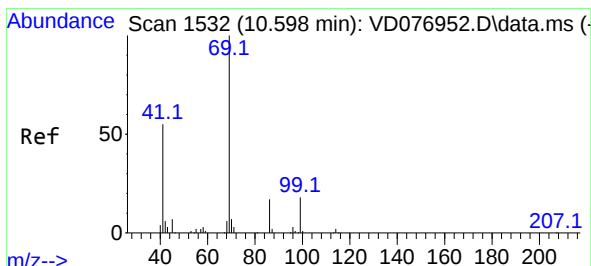
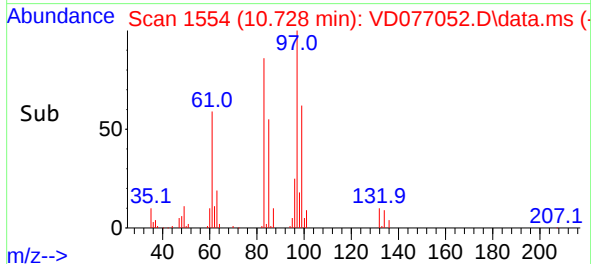
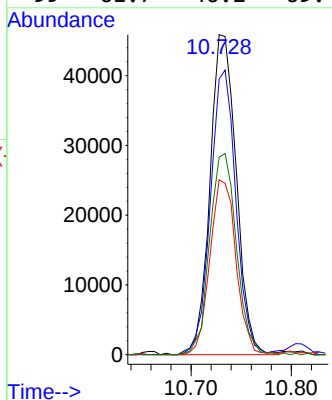
#55
1,1,2-Trichloroethane
Concen: 47.723 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.005 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 83826

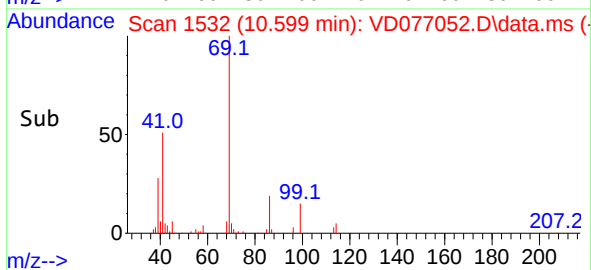
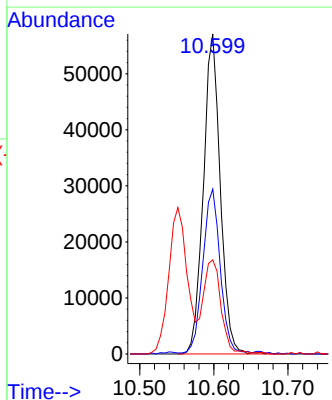
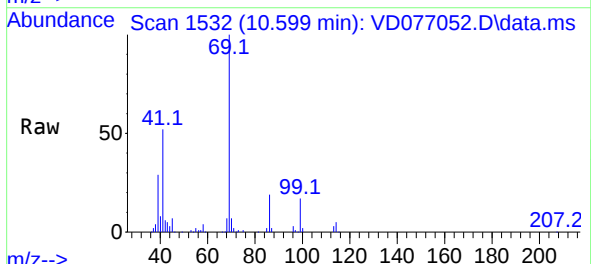
Ion	Ratio	Lower	Upper
97	100		
83	86.1	65.8	98.6
85	54.6	45.7	68.5
99	61.7	46.2	69.4

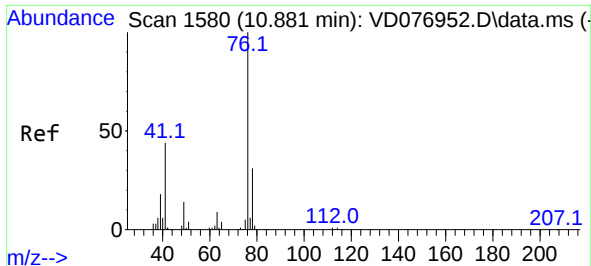


#56
Ethyl methacrylate
Concen: 48.877 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 69 Resp: 90544

Ion	Ratio	Lower	Upper
69	100		
41	52.4	39.1	58.7
39	31.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 47.983 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

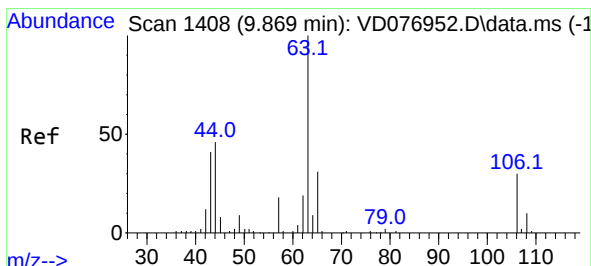
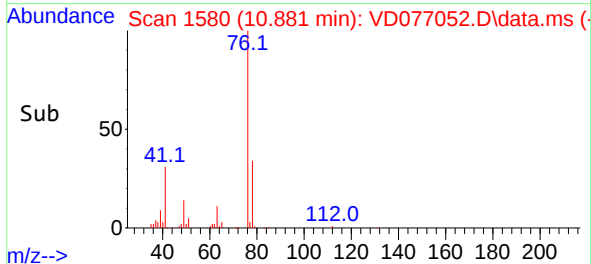
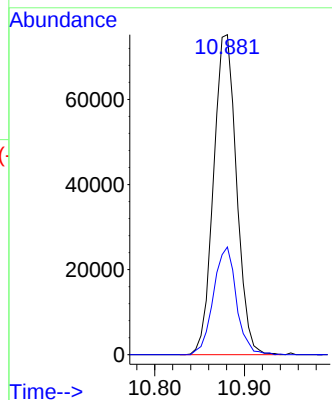
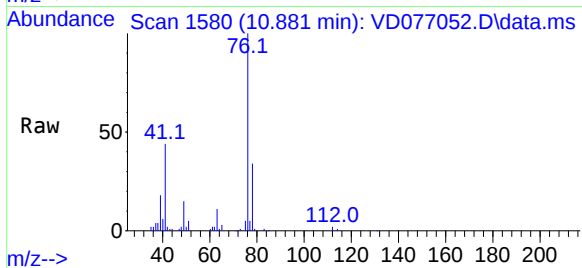
ClientSampleId :

Tgt Ion: 76 Resp: 133955

Ion Ratio Lower Upper

76 100

78 33.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.532 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077052.D

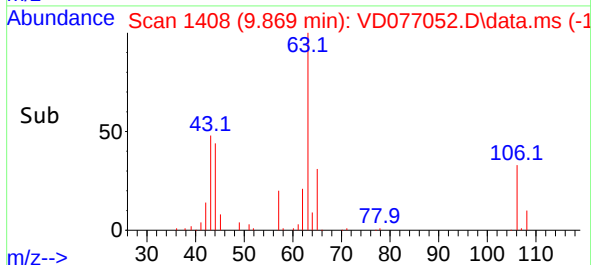
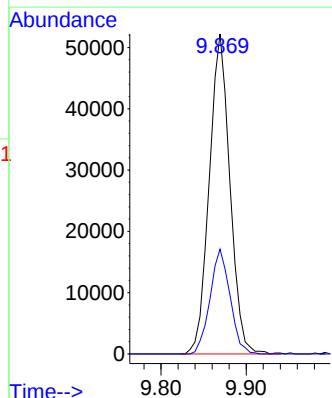
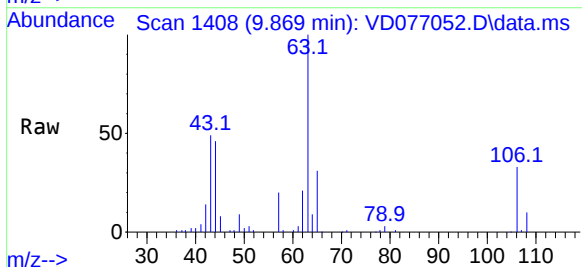
Acq: 28 Aug 2023 20:17

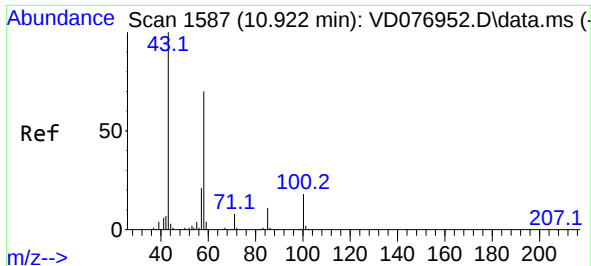
Tgt Ion: 63 Resp: 87899

Ion Ratio Lower Upper

63 100

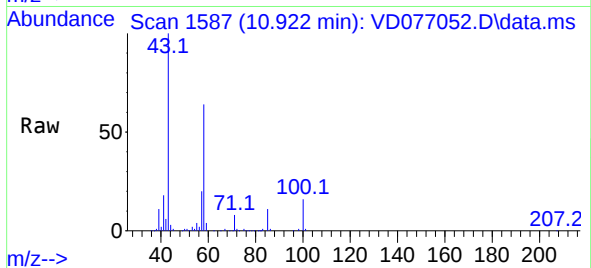
106 31.7 25.3 37.9



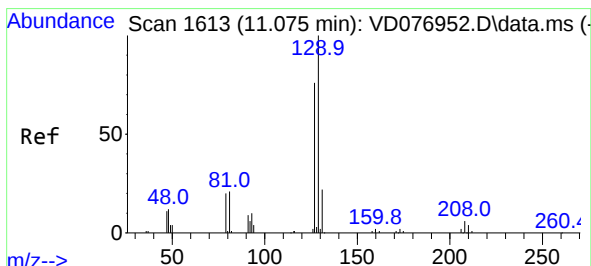
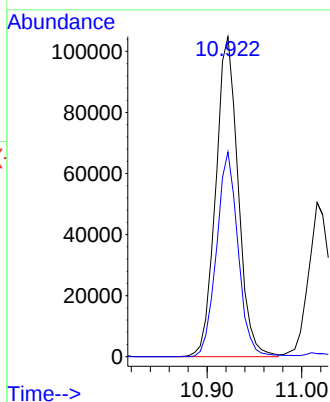
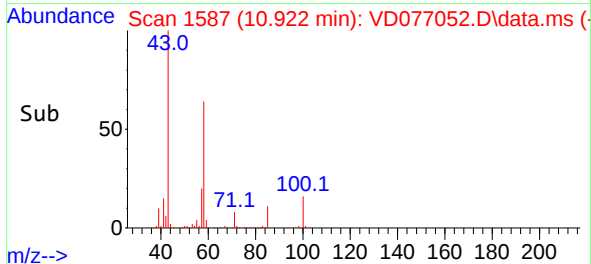


#59
2-Hexanone
Concen: 232.950 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

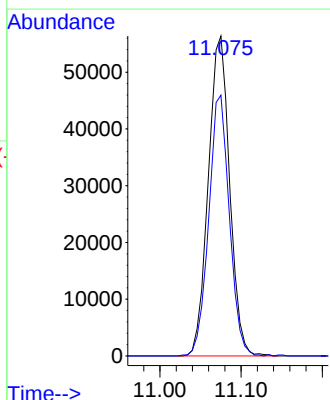
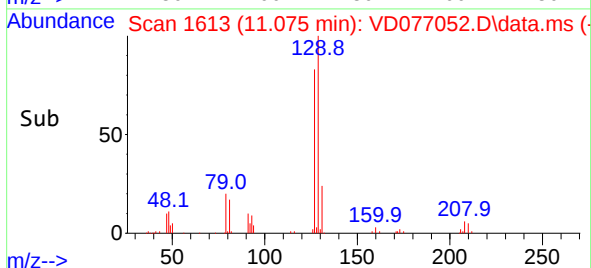
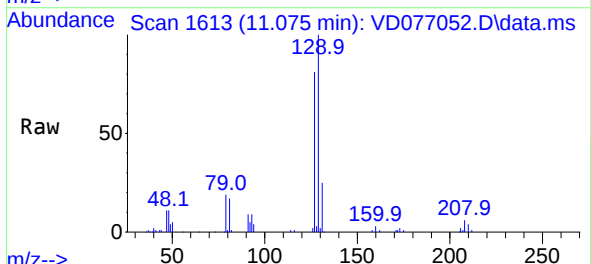


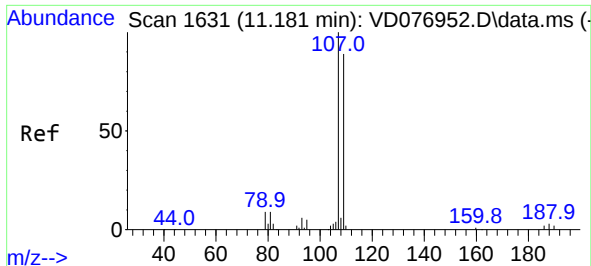
Tgt Ion: 43 Resp: 172458
Ion Ratio Lower Upper
43 100
58 61.6 34.1 102.2



#60
Dibromochloromethane
Concen: 47.367 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 129 Resp: 102986
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5

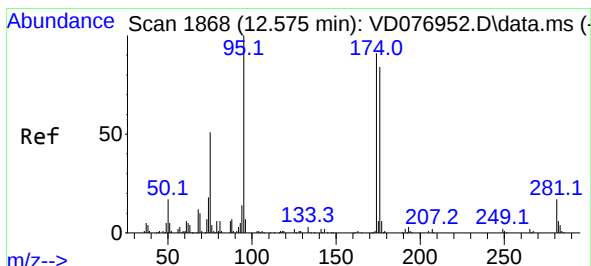
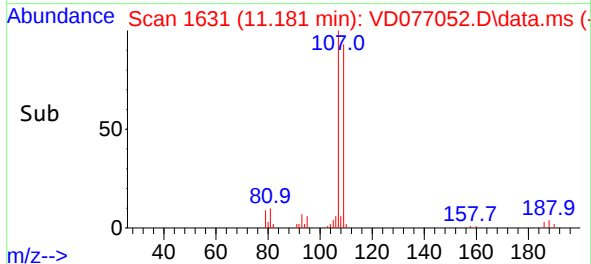
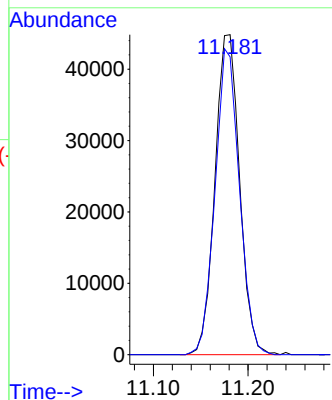
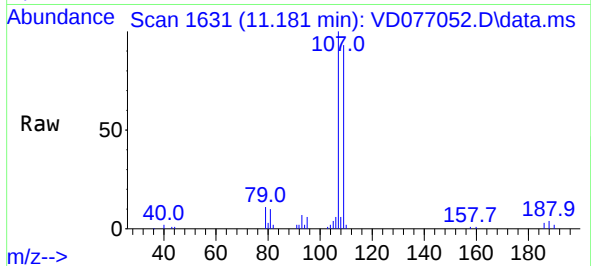




#61
1,2-Dibromoethane
Concen: 48.124 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

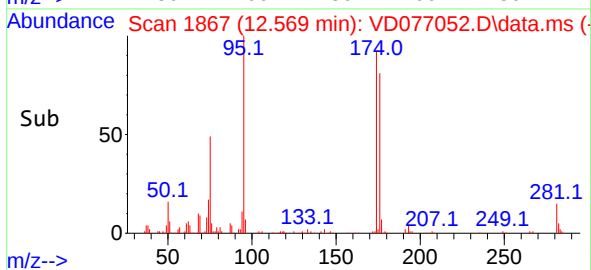
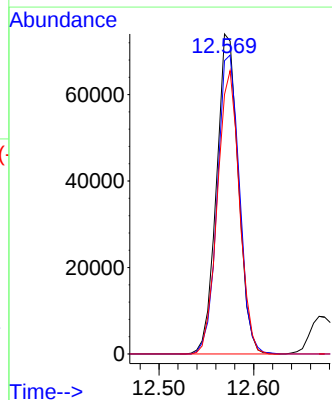
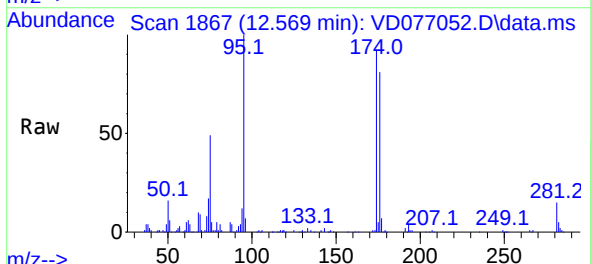
Instrument :
MSVOA_D
ClientSampleId :

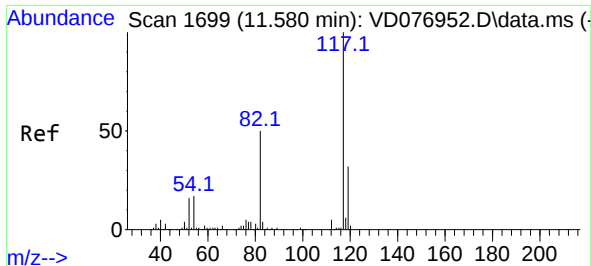
Tgt Ion:107 Resp: 80918
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.025 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

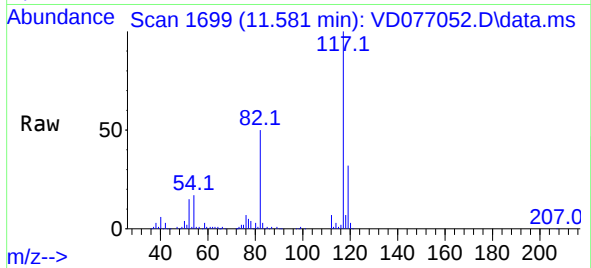
Tgt Ion: 95 Resp: 118349
Ion Ratio Lower Upper
95 100
174 94.5 0.0 201.8
176 89.1 0.0 191.8



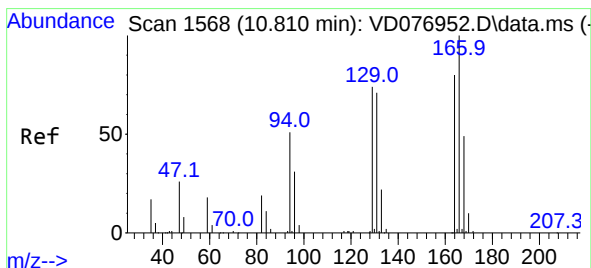
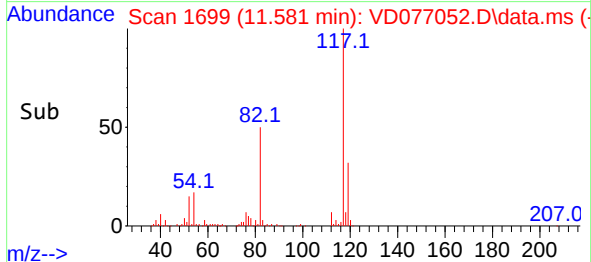
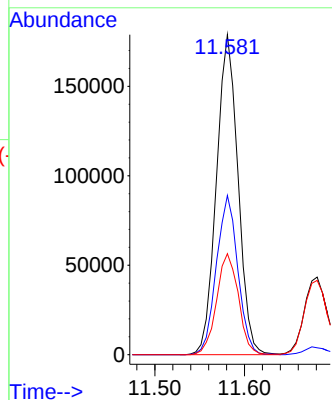


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

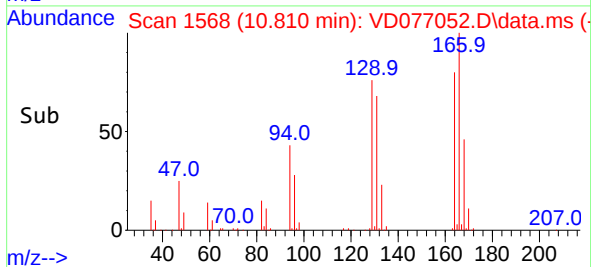
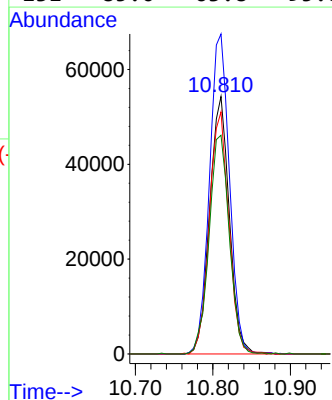
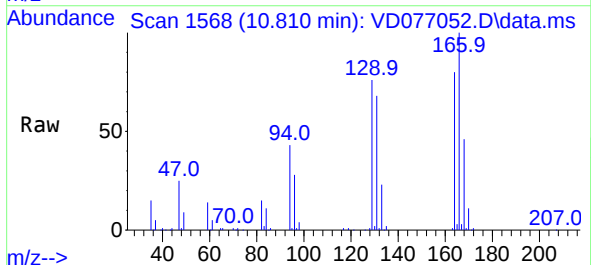


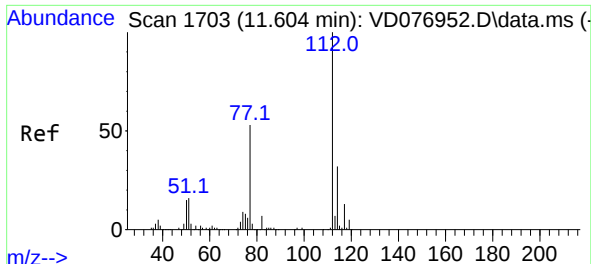
Tgt Ion:117 Resp: 298893
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 44.502 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion:164 Resp: 95791
Ion Ratio Lower Upper
164 100
166 124.3 99.2 148.8
129 94.0 68.4 102.6
131 85.0 63.8 95.8

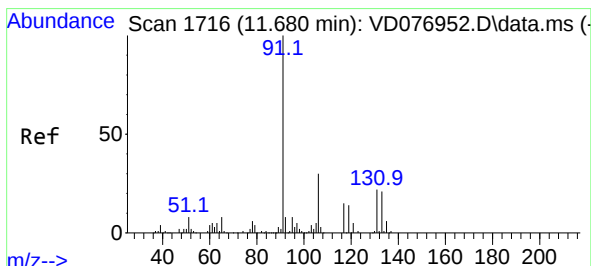
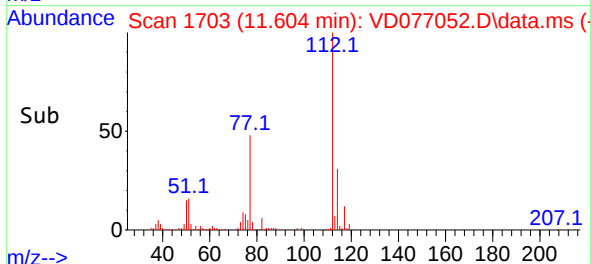
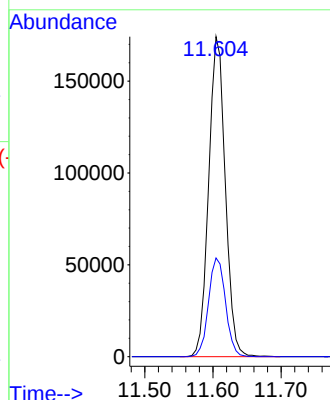
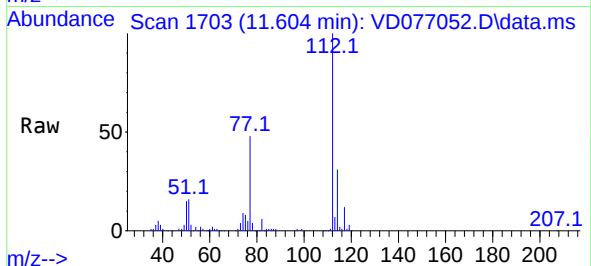




#65
Chlorobenzene
Concen: 45.579 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

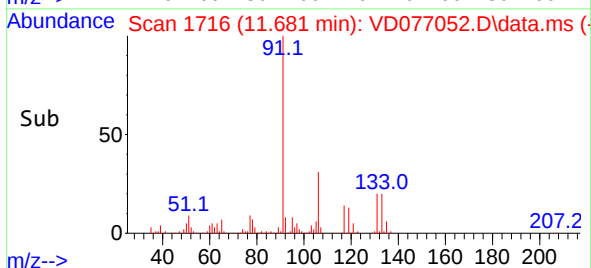
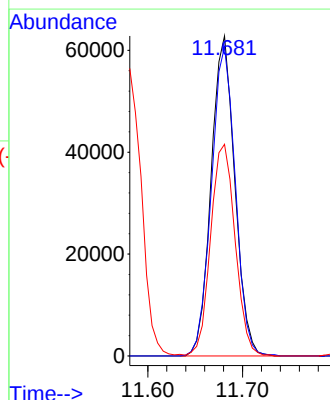
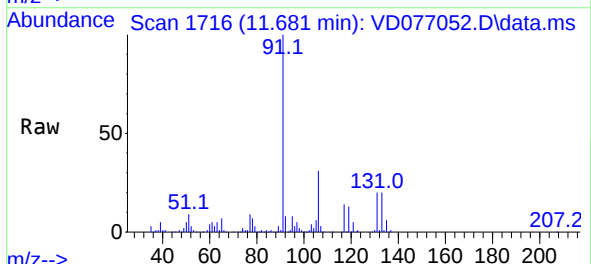
Instrument :
MSVOA_D
ClientSampleId :

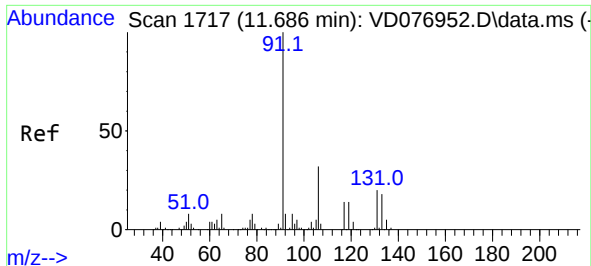
Tgt Ion:112 Resp: 295390
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.065 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion:131 Resp: 109148
Ion Ratio Lower Upper
131 100
133 97.7 48.5 145.5
119 68.4 35.6 106.9





#67

Ethyl Benzene

Concen: 45.738 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

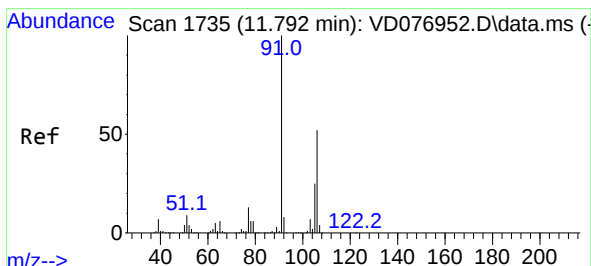
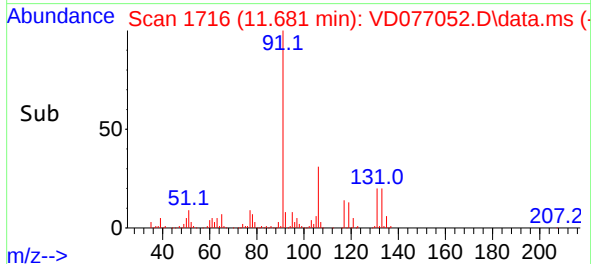
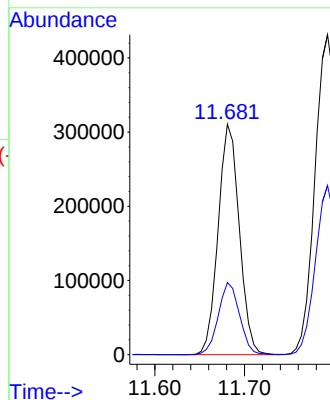
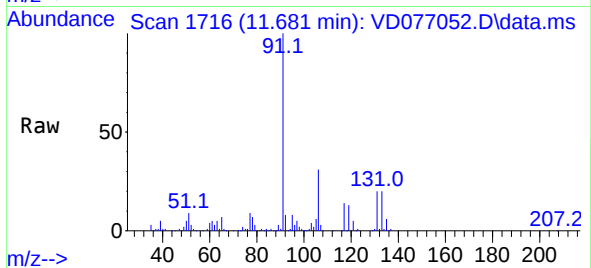
ClientSampleId :

Tgt Ion: 91 Resp: 508716

Ion Ratio Lower Upper

91 100

106 31.3 26.5 39.7



#68

m/p-Xylenes

Concen: 92.191 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077052.D

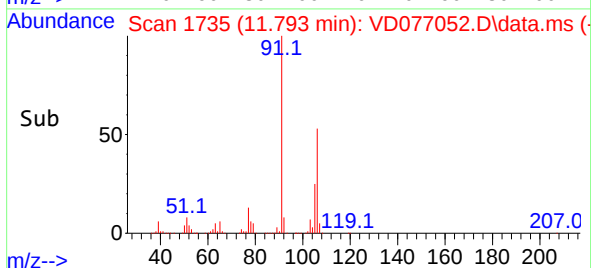
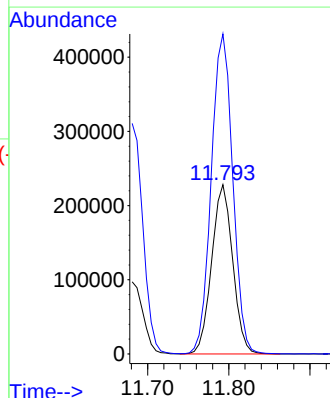
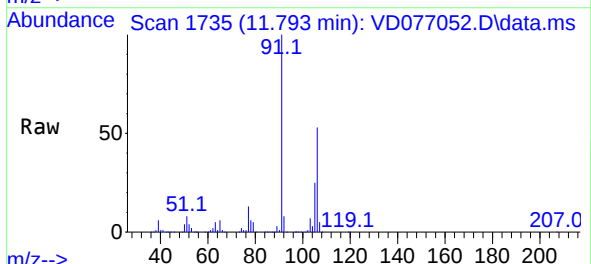
Acq: 28 Aug 2023 20:17

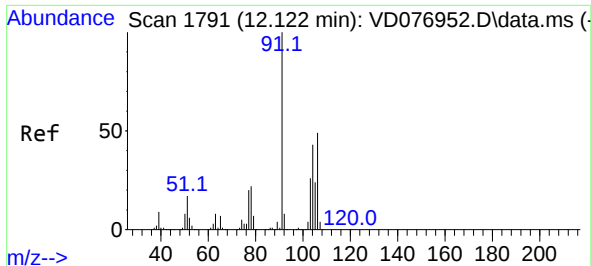
Tgt Ion:106 Resp: 410495

Ion Ratio Lower Upper

106 100

91 193.2 147.0 220.6

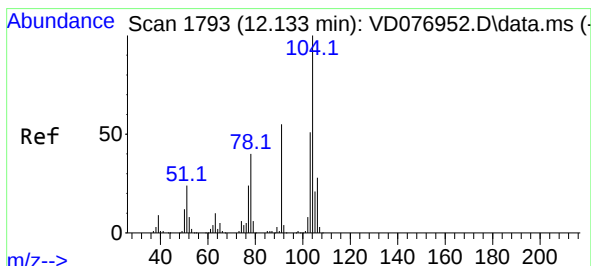
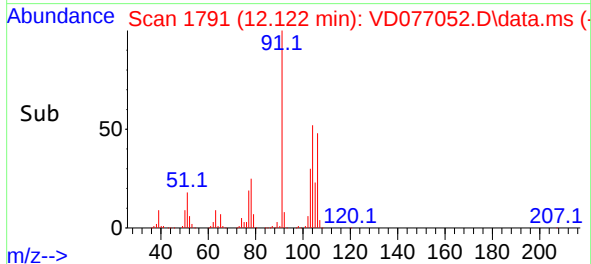
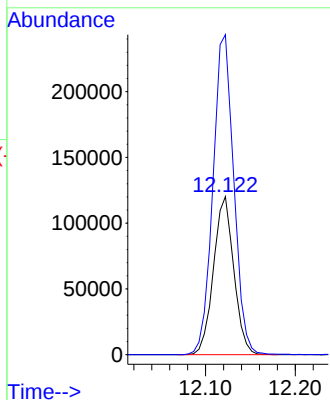
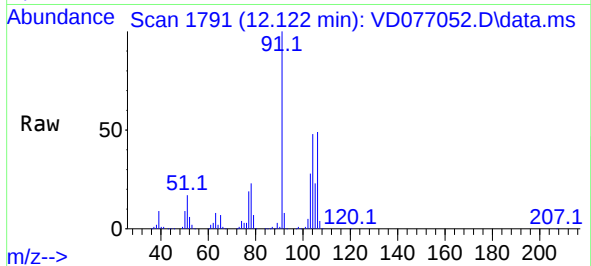




#69
o-Xylene
Concen: 46.361 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

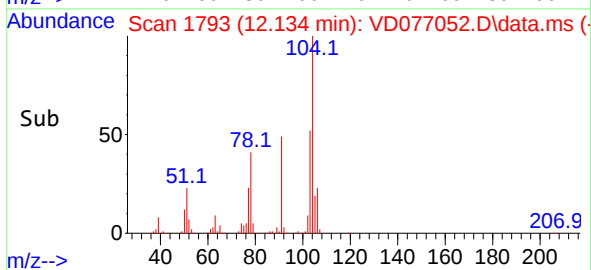
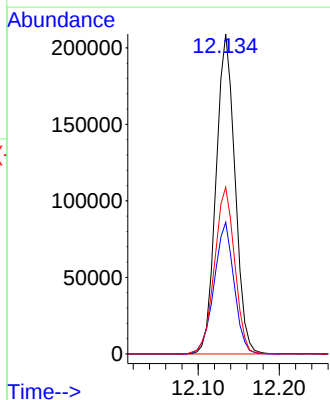
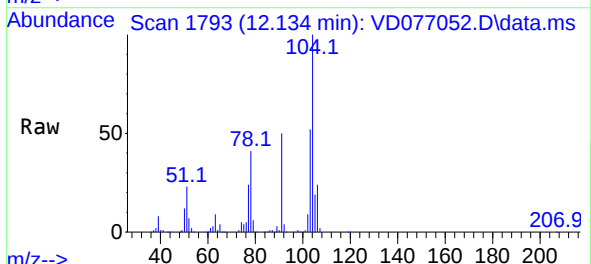
Instrument :
MSVOA_D
ClientSampleId :

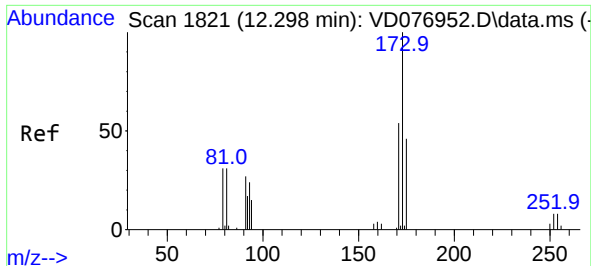
Tgt Ion:106 Resp: 188690
Ion Ratio Lower Upper
106 100
91 208.2 97.9 293.6



#70
Styrene
Concen: 48.028 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

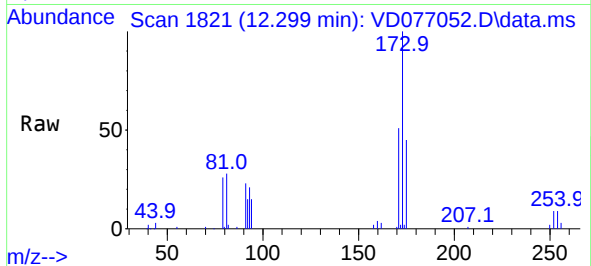
Tgt Ion:104 Resp: 339575
Ion Ratio Lower Upper
104 100
78 43.2 33.2 49.8
103 55.4 43.6 65.4



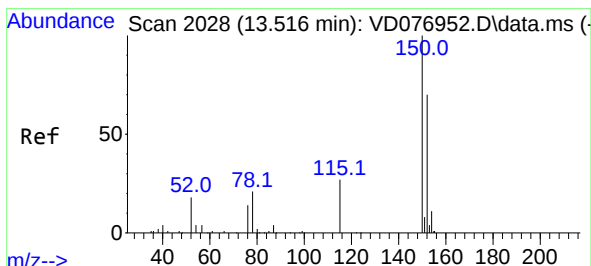
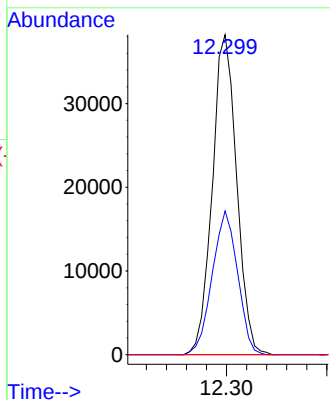
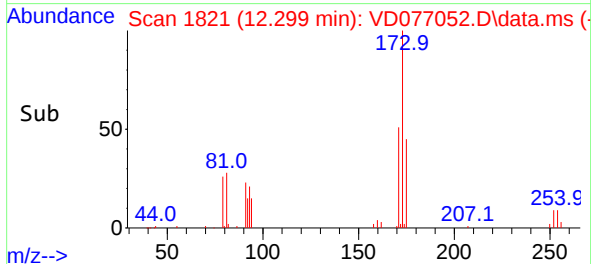


#71
Bromoform
Concen: 47.795 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

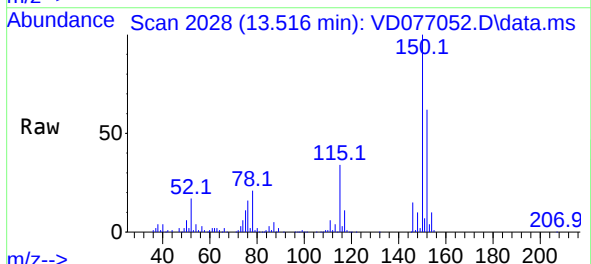
Instrument :
MSVOA_D
ClientSampleId :



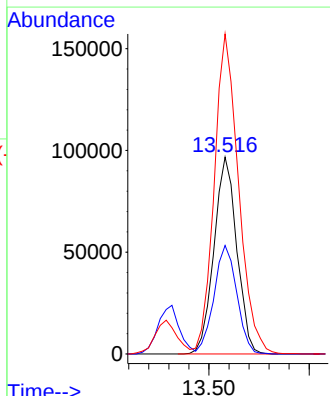
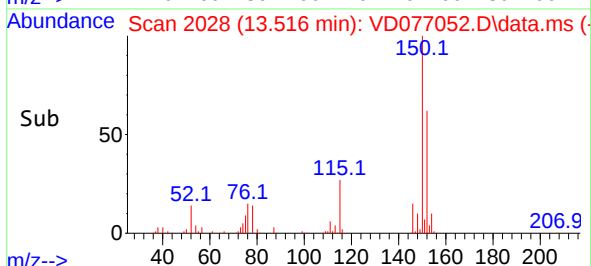
Tgt Ion:173 Resp: 64456
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.0 0.0

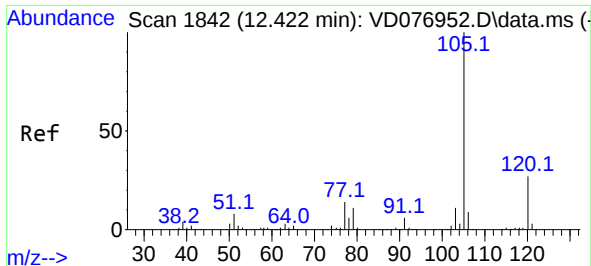


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17



Tgt Ion:152 Resp: 152817
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 173.7 0.0 353.6

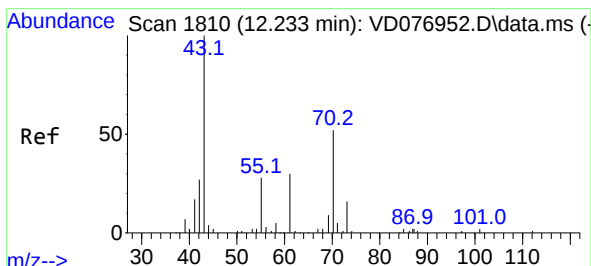
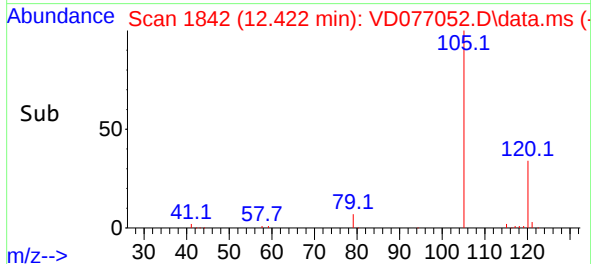
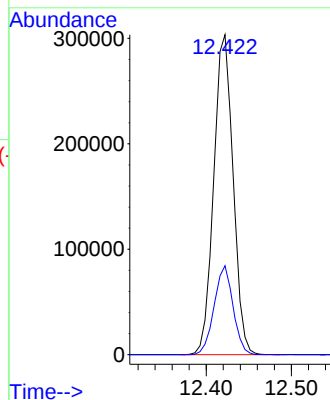
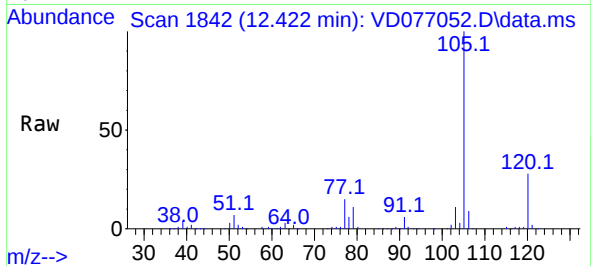




#73
Isopropylbenzene
Concen: 44.944 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

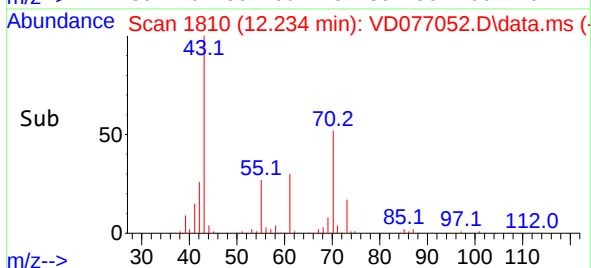
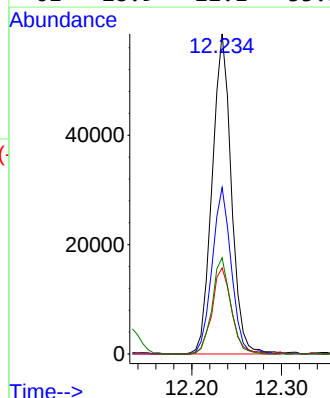
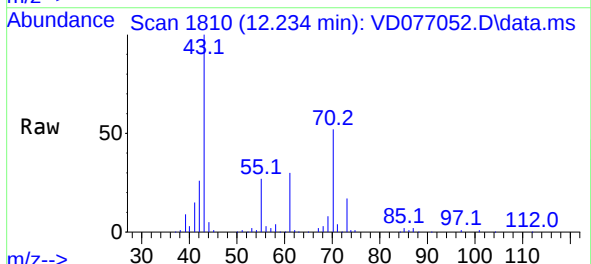
Instrument :
MSVOA_D
ClientSampleId :

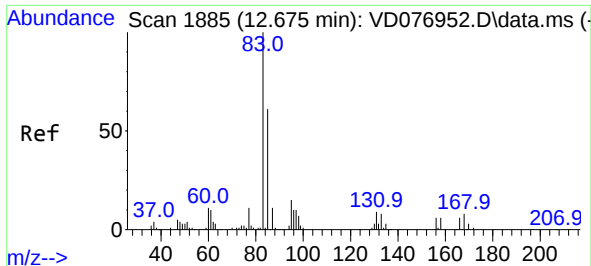
Tgt Ion:105 Resp: 479293
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 46.220 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 43 Resp: 86811
Ion Ratio Lower Upper
43 100
70 52.1 45.0 67.4
55 27.4 23.8 35.6
61 28.9 22.1 33.1

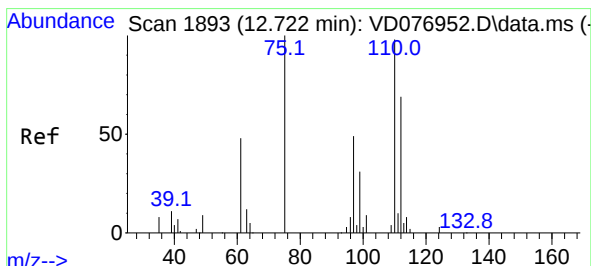
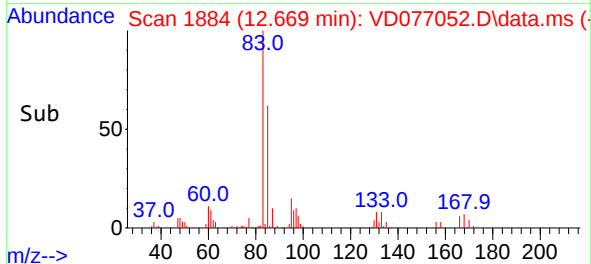
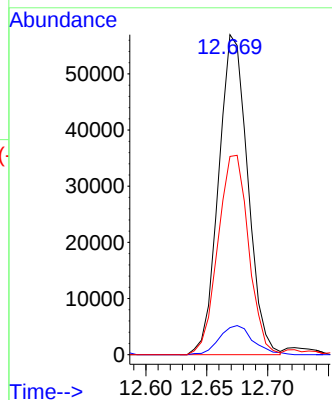
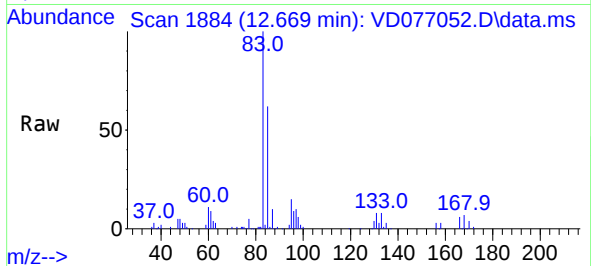




#75
1,1,2,2-Tetrachloroethane
Concen: 45.487 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

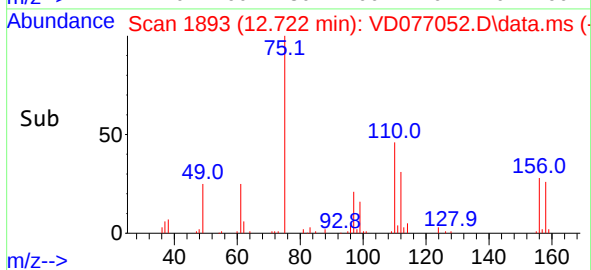
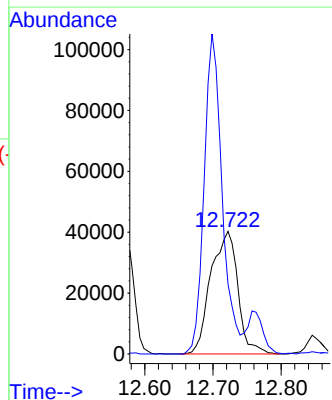
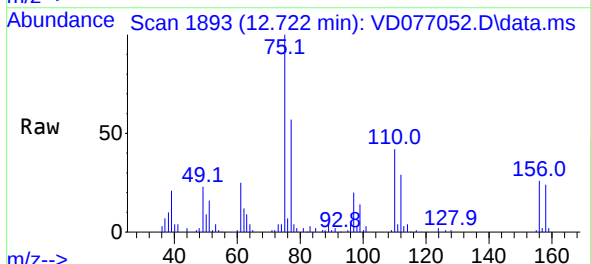
Instrument :
MSVOA_D
ClientSampleId :

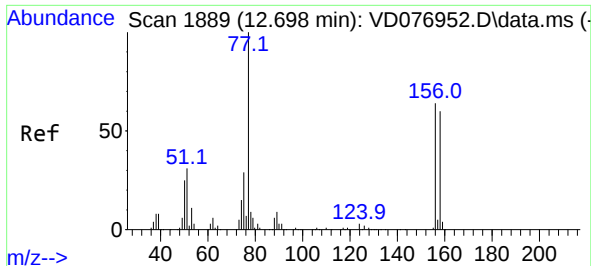
Tgt Ion: 83 Resp: 94838
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 75.518 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

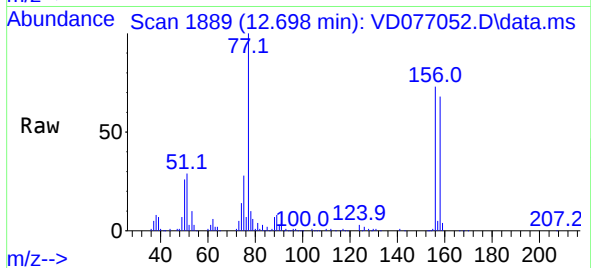
Tgt Ion: 75 Resp: 111310
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



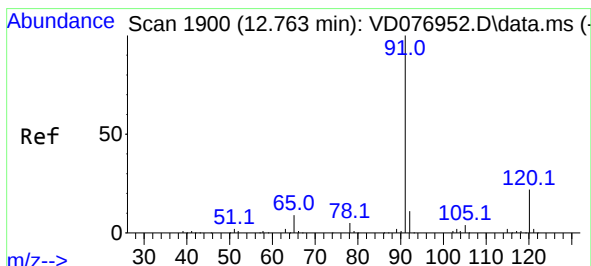
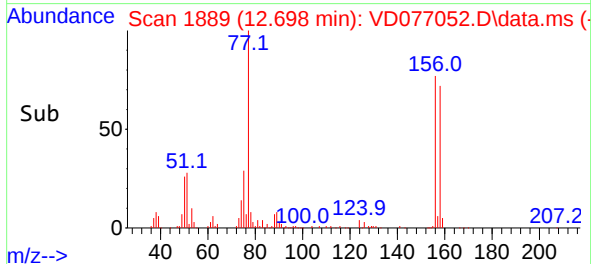
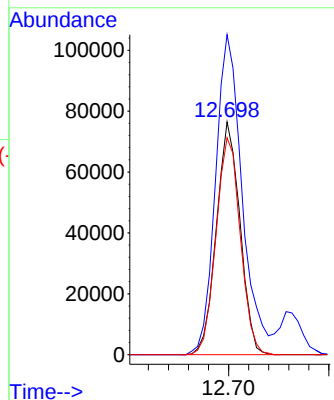


#77
Bromobenzene
Concen: 46.397 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

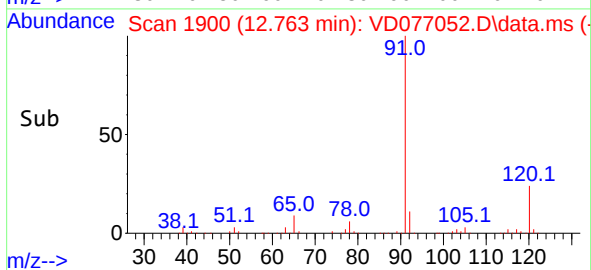
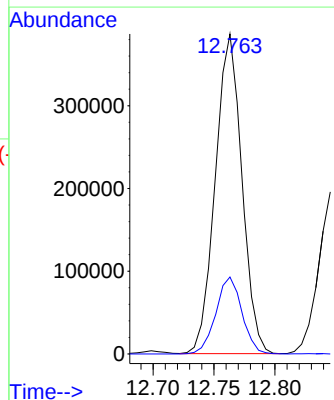
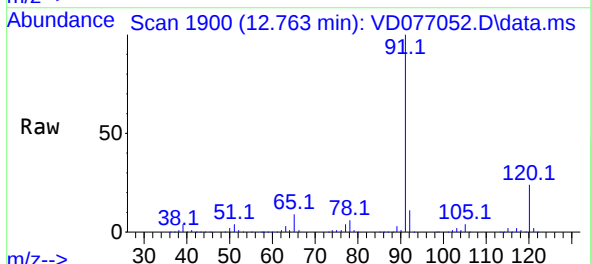


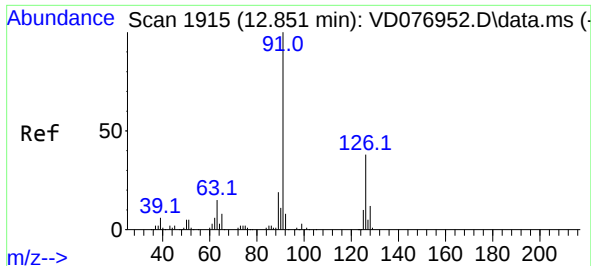
Tgt Ion:156 Resp: 124764
Ion Ratio Lower Upper
156 100
77 154.5 76.8 230.4
158 95.8 48.6 145.9



#78
n-propylbenzene
Concen: 45.025 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 91 Resp: 586802
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 45.700 ug/l

RT: 12.846 min Scan# 1915

Delta R.T. -0.005 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

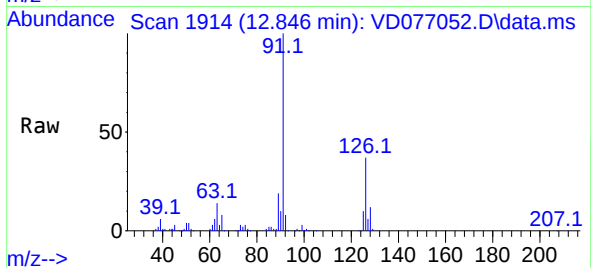
ClientSampleId :

Tgt Ion: 91 Resp: 325625

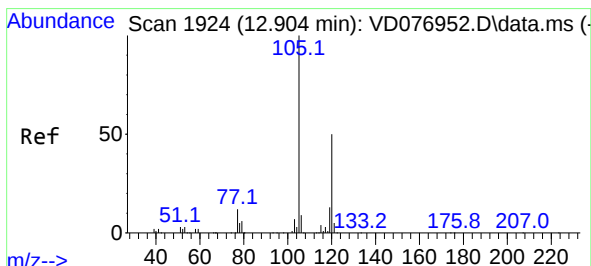
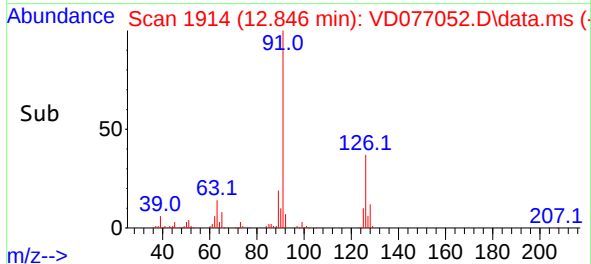
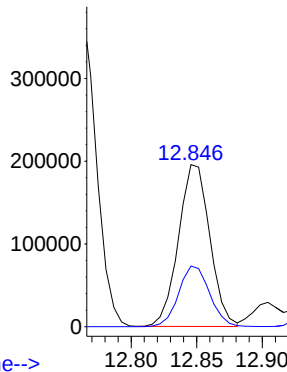
Ion Ratio Lower Upper

91 100

126 37.0 19.4 58.1



Abundance



#80

1,3,5-Trimethylbenzene

Concen: 45.356 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077052.D

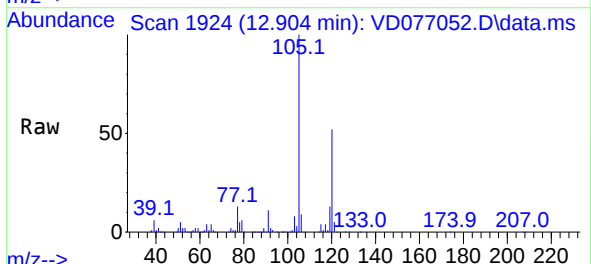
Acq: 28 Aug 2023 20:17

Tgt Ion:105 Resp: 403825

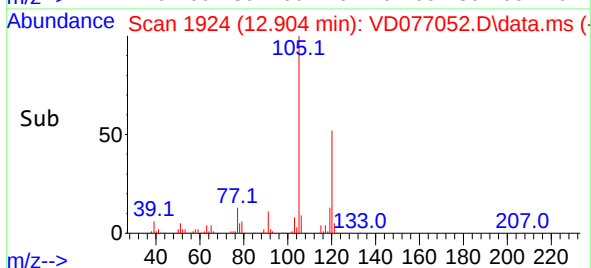
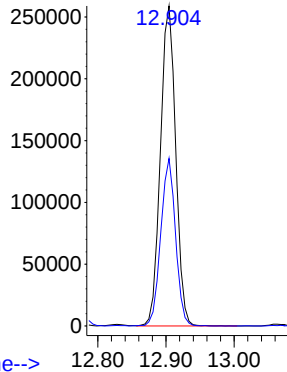
Ion Ratio Lower Upper

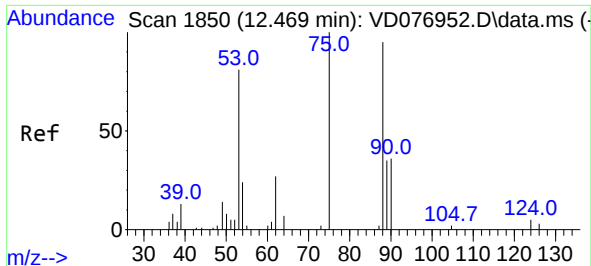
105 100

120 50.5 26.4 79.2



Abundance

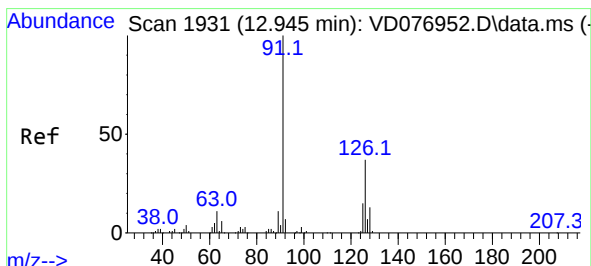
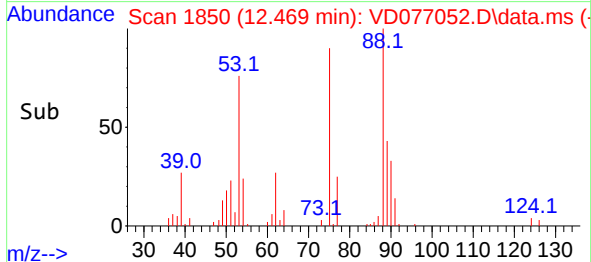
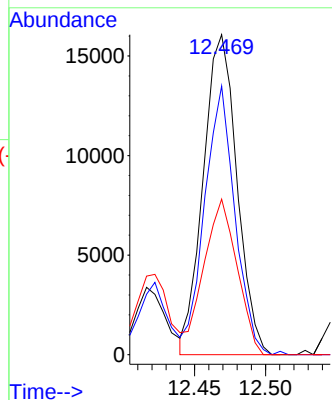
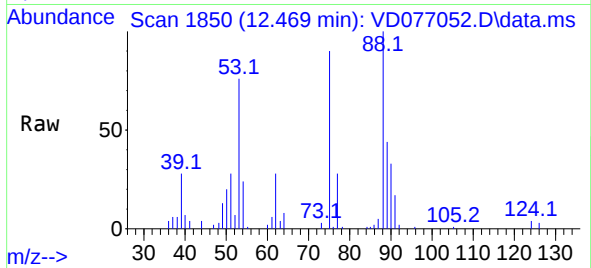




#81
trans-1,4-Dichloro-2-butene
Concen: 41.806 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

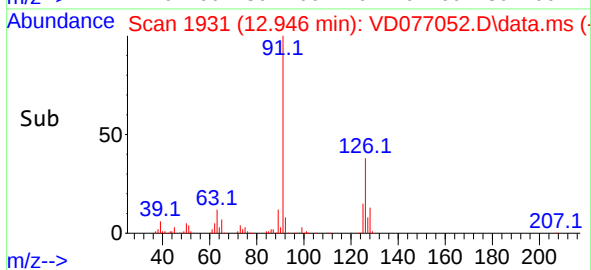
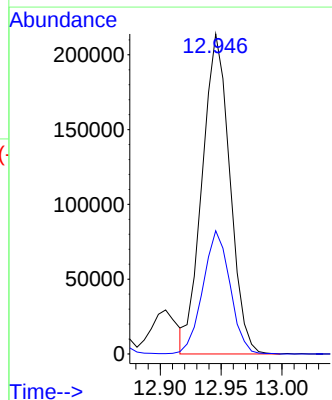
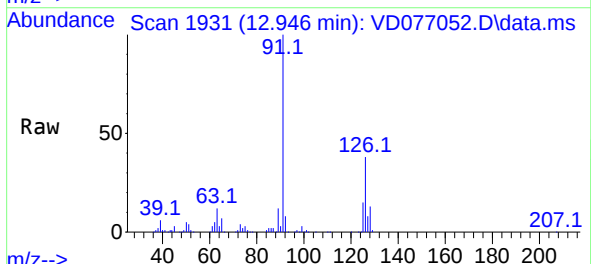
Instrument :
MSVOA_D
ClientSampleId :

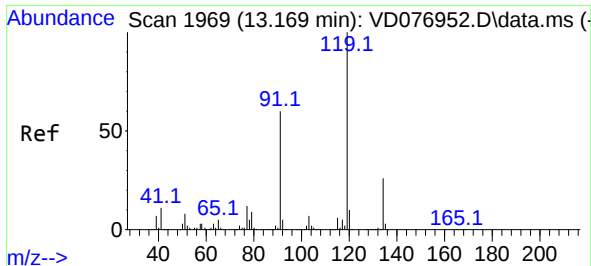
Tgt Ion: 75 Resp: 26540
Ion Ratio Lower Upper
75 100
53 75.6 63.0 94.4
89 48.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.775 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 91 Resp: 337471
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.4

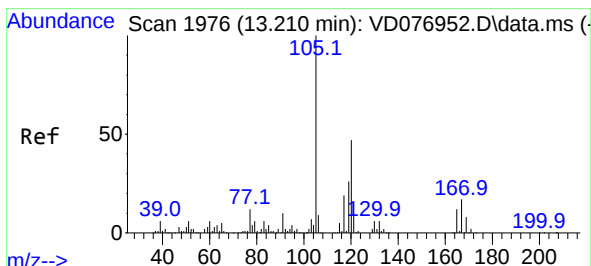
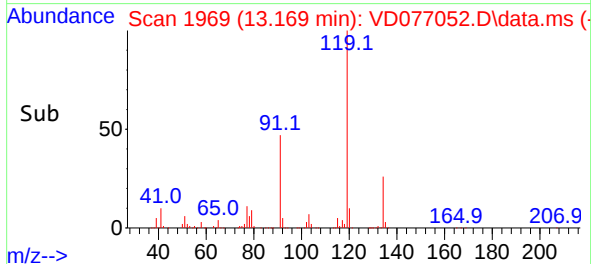
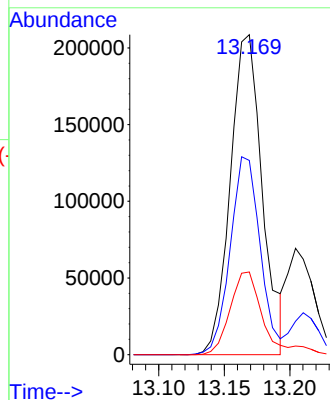
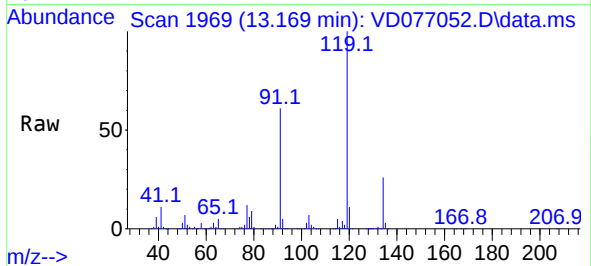




#83
tert-Butylbenzene
Concen: 45.990 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

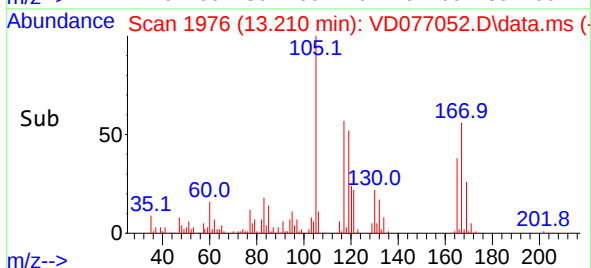
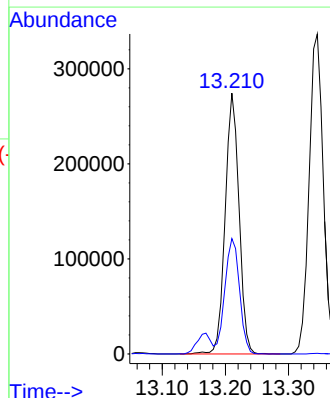
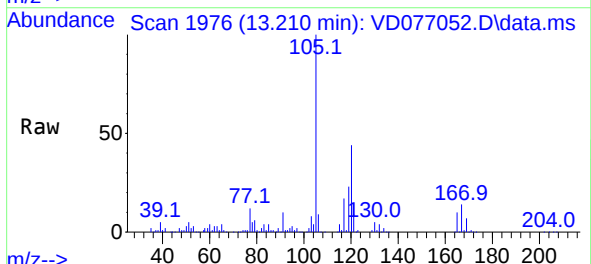
Instrument :
MSVOA_D
ClientSampleId :

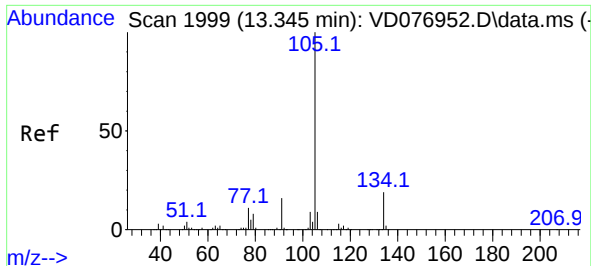
Tgt Ion:119 Resp: 354033
Ion Ratio Lower Upper
119 100
91 58.1 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 46.863 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

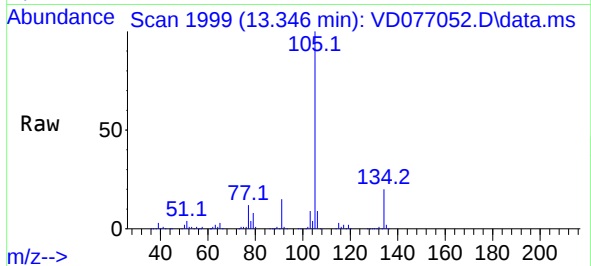
Tgt Ion:105 Resp: 418470
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9



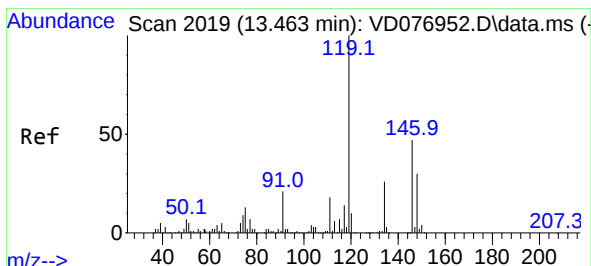
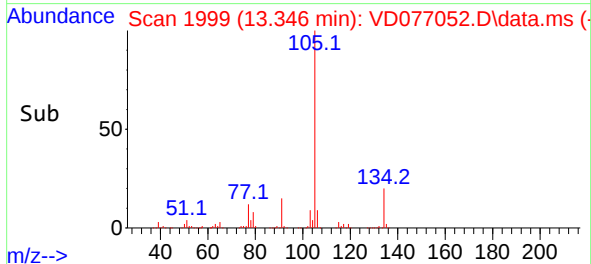
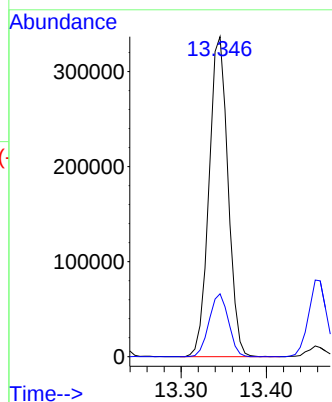


#85
 sec-Butylbenzene
 Concen: 44.817 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD077052.D
 Acq: 28 Aug 2023 20:17

Instrument :
 MSVOA_D
 ClientSampleId :

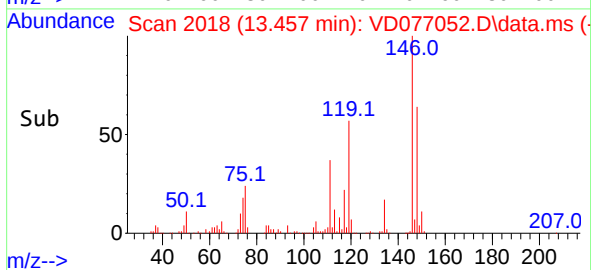
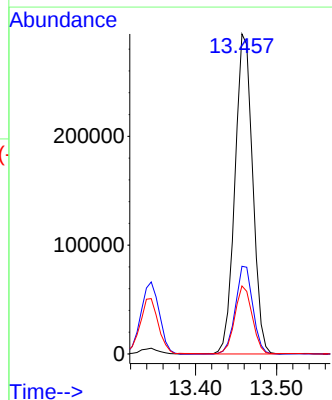
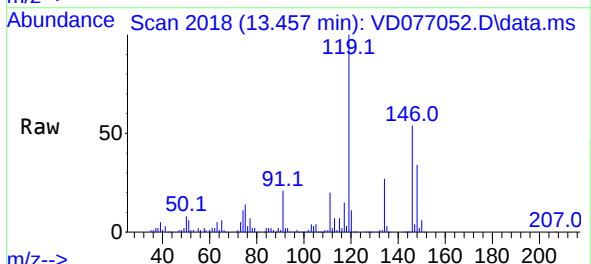


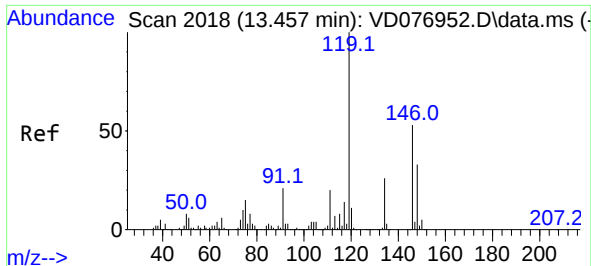
Tgt Ion:105 Resp: 520919
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 44.796 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077052.D
 Acq: 28 Aug 2023 20:17

Tgt Ion:119 Resp: 443982
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 45.122 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

ClientSampleId :

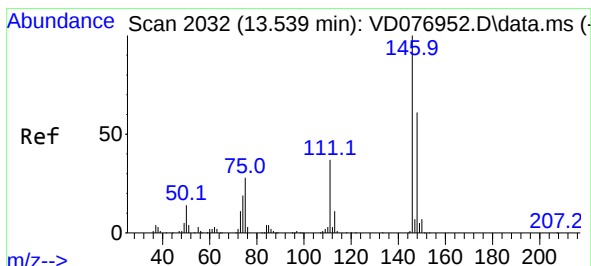
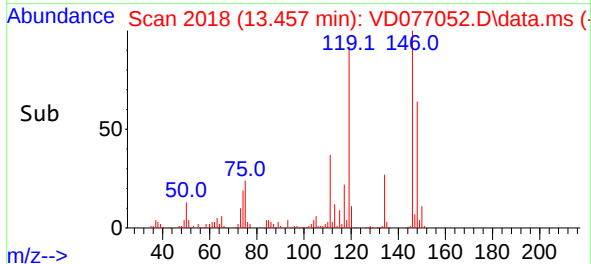
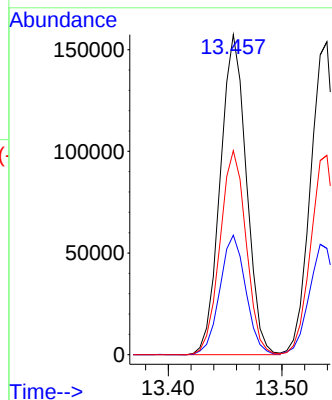
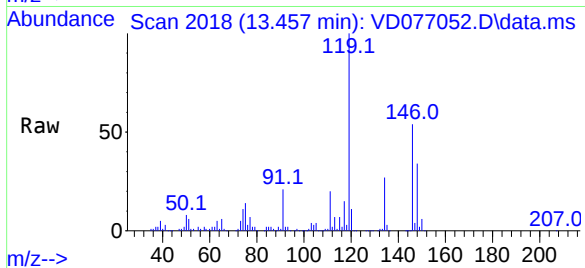
Tgt Ion:146 Resp: 251463

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 63.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 45.366 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

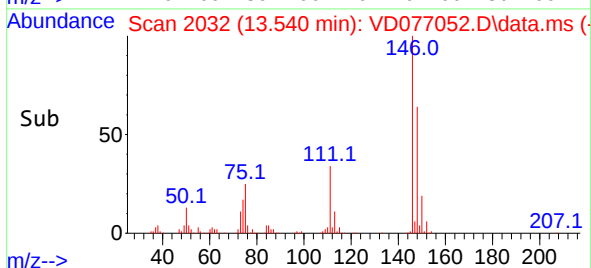
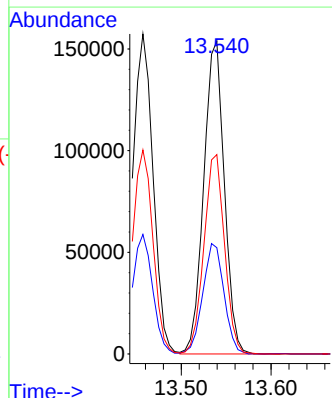
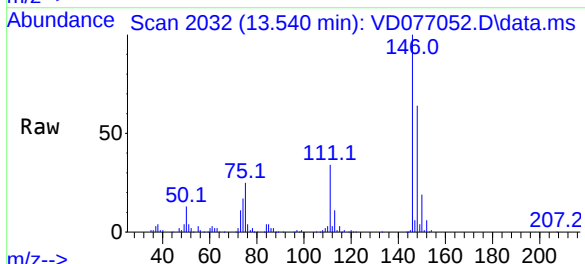
Tgt Ion:146 Resp: 245264

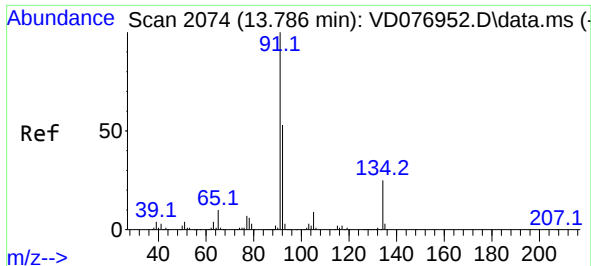
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

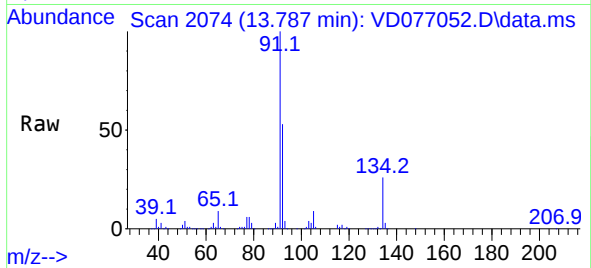
148 64.0 31.7 95.1



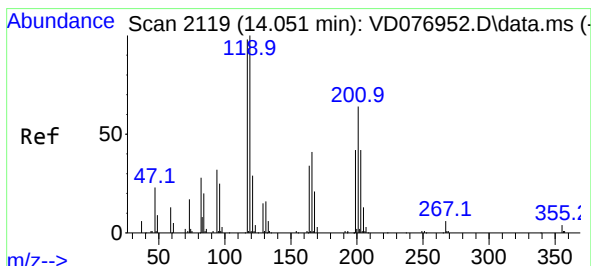
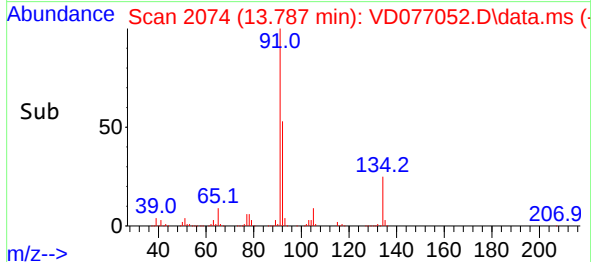
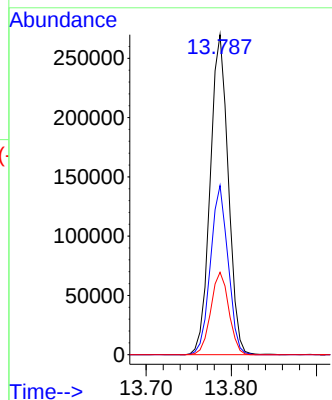


#89
n-Butylbenzene
Concen: 43.622 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

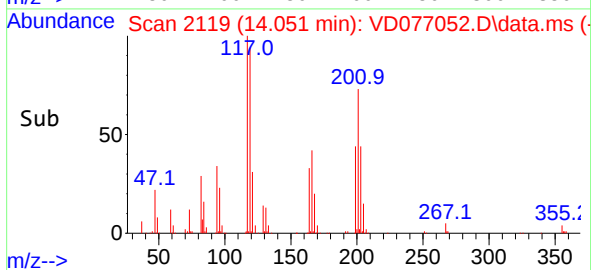
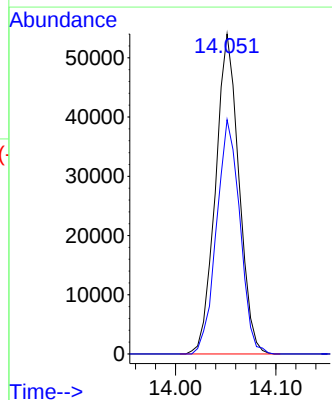
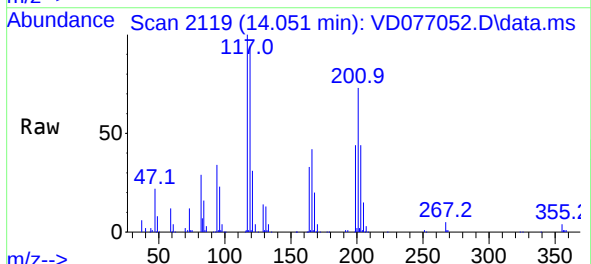


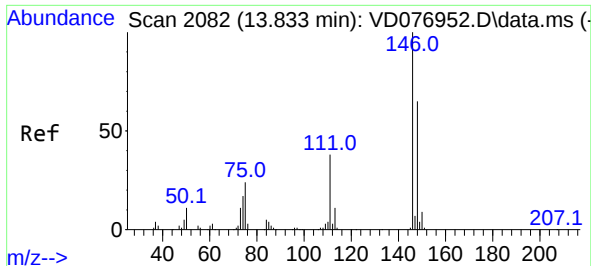
Tgt Ion: 91 Resp: 397079
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 45.569 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion: 117 Resp: 87577
Ion Ratio Lower Upper
117 100
201 73.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 45.533 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.005 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

Instrument :

MSVOA_D

ClientSampleId :

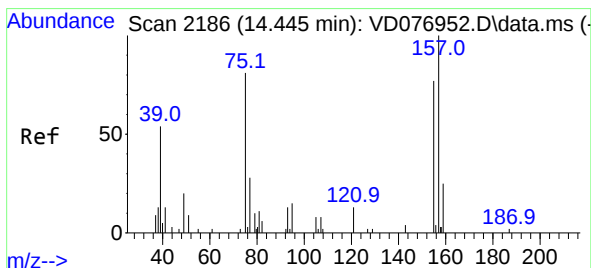
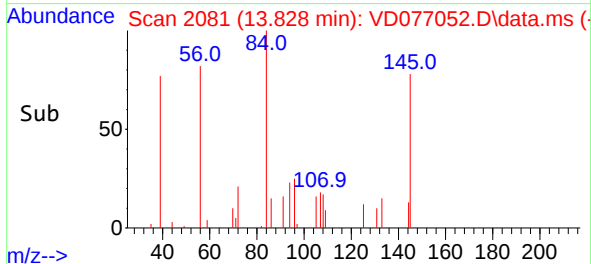
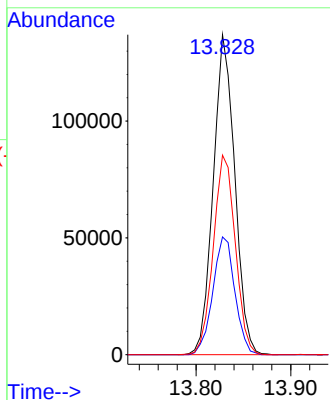
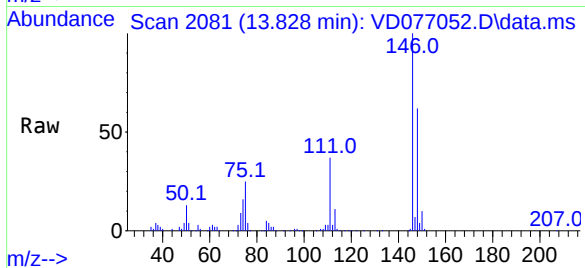
Tgt Ion:146 Resp: 216259

Ion Ratio Lower Upper

146 100

111 37.8 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.356 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077052.D

Acq: 28 Aug 2023 20:17

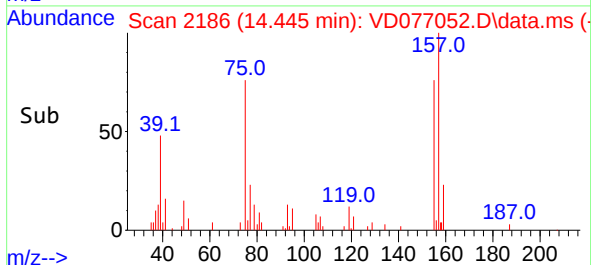
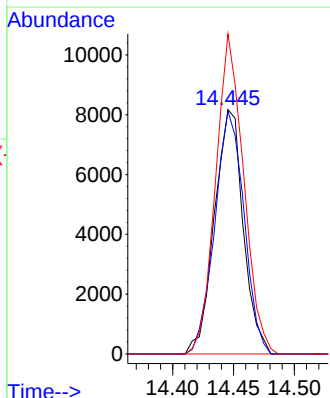
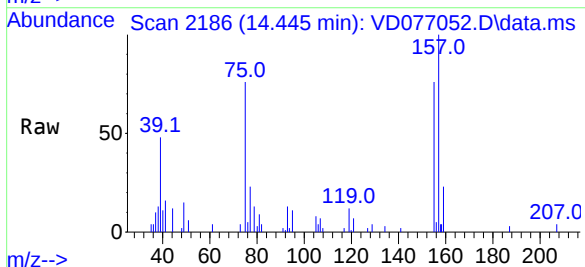
Tgt Ion: 75 Resp: 13459

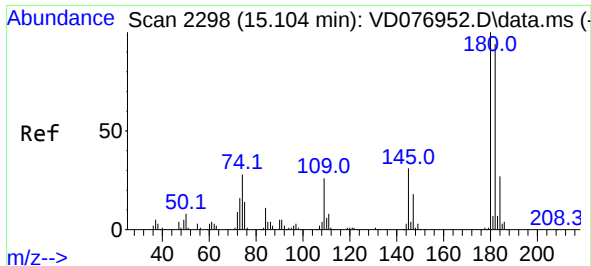
Ion Ratio Lower Upper

75 100

155 100.8 47.9 143.8

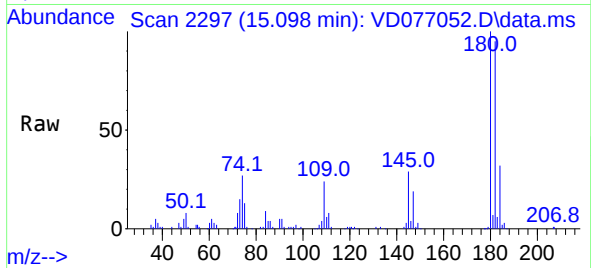
157 127.3 59.9 179.7



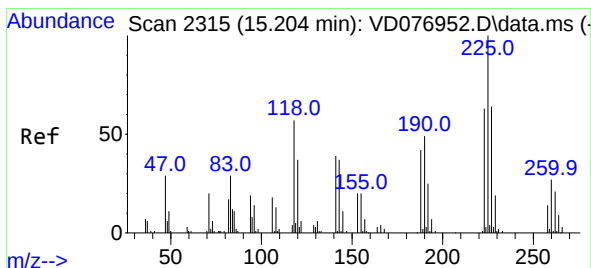
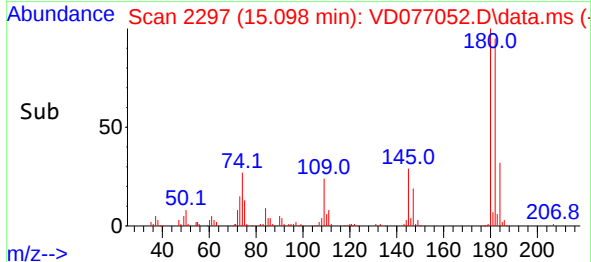
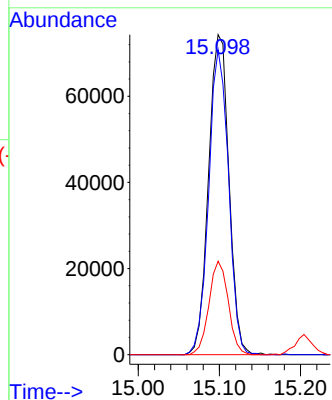


#93
1,2,4-Trichlorobenzene
Concen: 44.328 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :

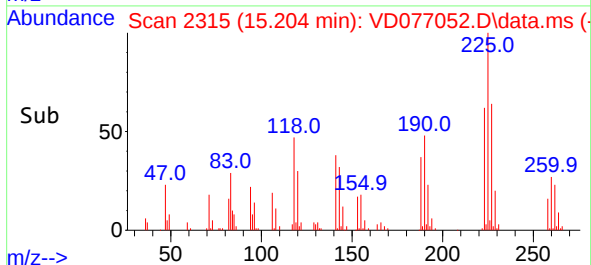
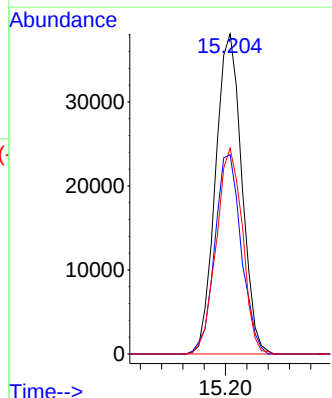
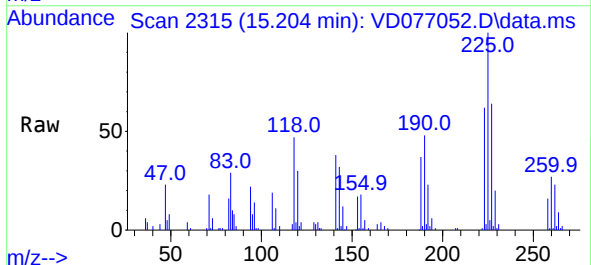


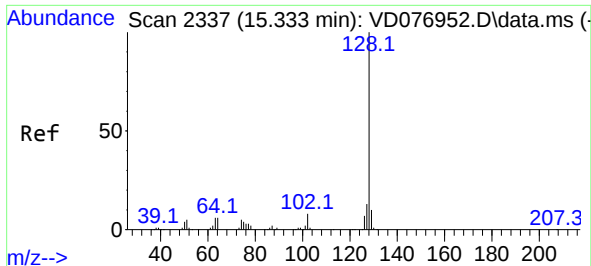
Tgt Ion:180 Resp: 129477
Ion Ratio Lower Upper
180 100
182 92.6 48.5 145.6
145 27.7 14.2 42.6



#94
Hexachlorobutadiene
Concen: 42.529 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

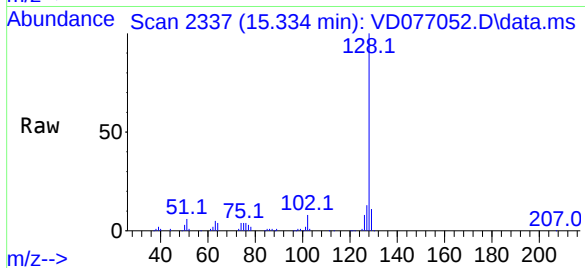
Tgt Ion:225 Resp: 65131
Ion Ratio Lower Upper
225 100
223 63.0 31.6 94.8
227 64.0 31.7 95.1



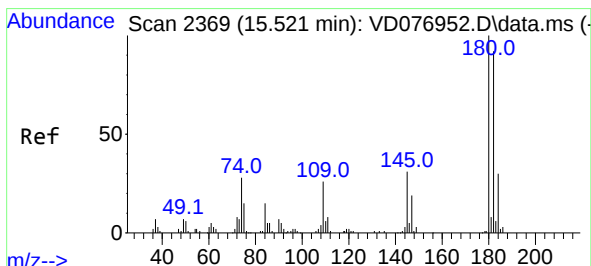
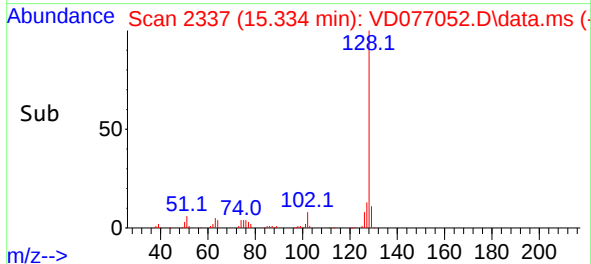
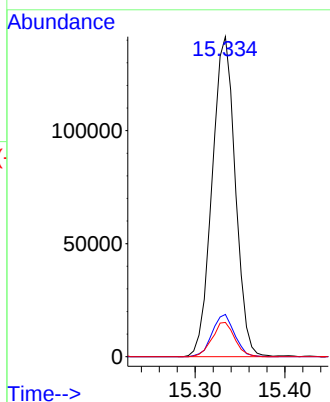


#95
Naphthalene
Concen: 46.754 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 253297
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.104 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.001 min
Lab File: VD077052.D
Acq: 28 Aug 2023 20:17

Tgt Ion:180 Resp: 115400
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 30.1 15.1 45.3

