

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069753.D
 Acq On : 19 Jul 2021 15:52
 Operator : VA/SY
 Sample : M3038-09
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 20 02:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	488871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	980172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1179828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	559793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	305556	50.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.120%	
35) Dibromofluoromethane	7.914	113	324266	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.620%	
50) Toluene-d8	10.338	98	1345642	52.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.626	95	544518	63.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.820%	

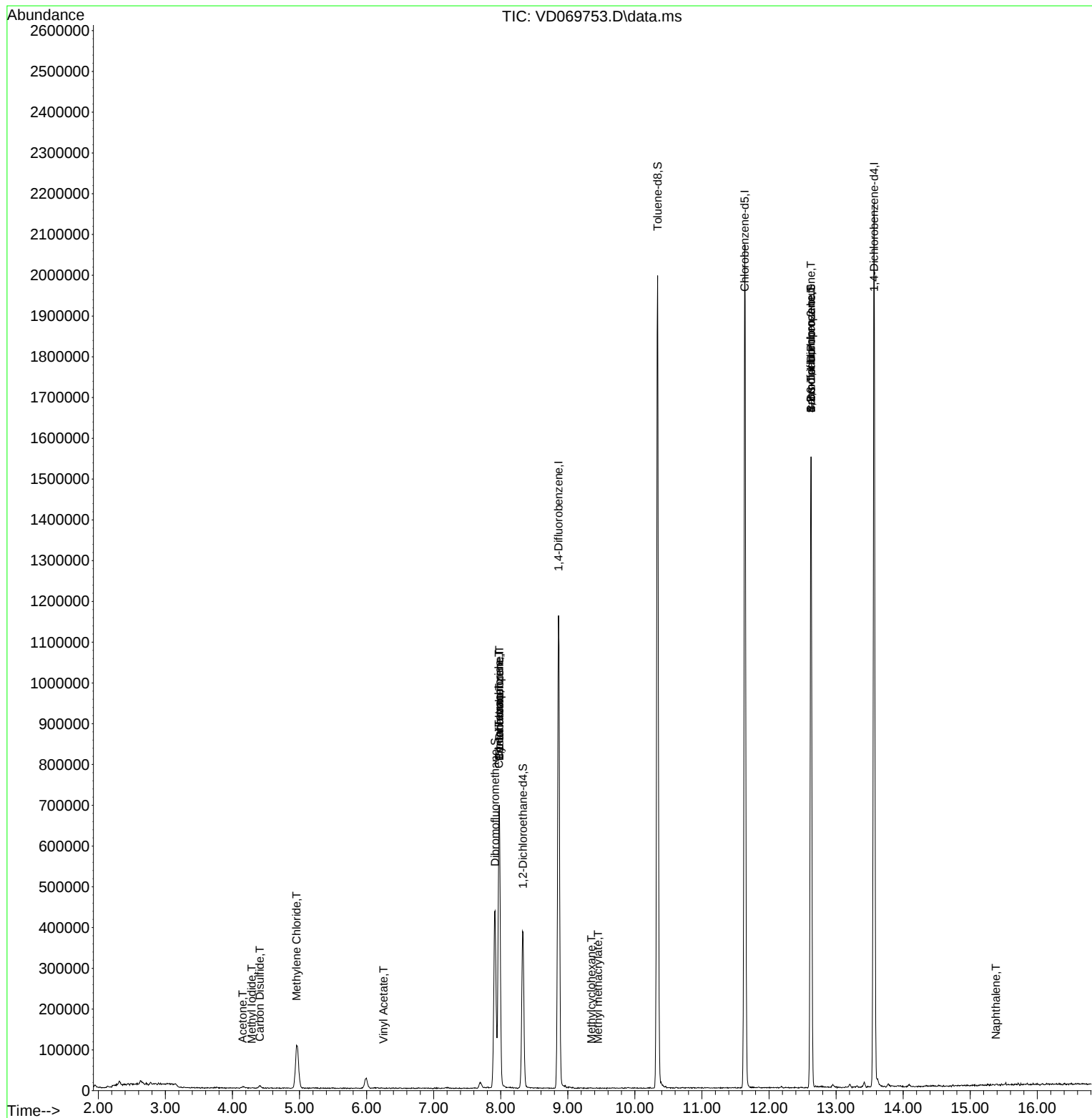
Target Compounds				Qvalue		
3) Chloromethane	2.203	50	1643	Below Cal	#	59
5) Bromomethane	2.785	94	2844	Below Cal	#	68
10) Methyl Iodide	4.285	142	568	2.558	ug/l #	95
16) Acetone	4.150	43	4815	16.519	ug/l	95
17) Carbon Disulfide	4.409	76	10841	1.007	ug/l	99
18) Methyl Acetate	4.744	43	178	Below Cal	#	49
20) Methylene Chloride	4.956	84	88968	5.919	ug/l	90
23) Vinyl Acetate	6.250	43	91	15.434	ug/l #	72
31) Cyclohexane	7.979	56	12085	1.558	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	45110	4.461	ug/l #	49
38) Carbon Tetrachloride	7.973	117	53216	5.747	ug/l #	18
39) Methylcyclohexane	9.350	83	457	1.995	ug/l #	16
48) Methyl methacrylate	9.450	41	73	1.122	ug/l #	13
71) Bromoform	12.626	173	4725	1.158	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	270122	49.671	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	270122	133.488	ug/l #	14
95) Naphthalene	15.385	128	824	2.249	ug/l #	80

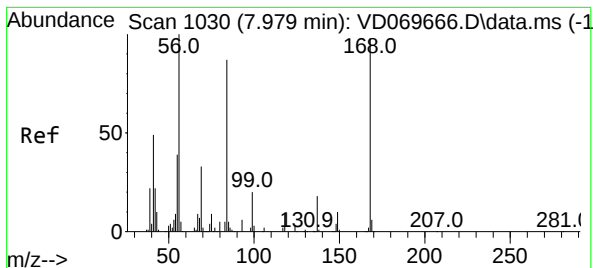
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
Data File : VD069753.D
Acq On : 19 Jul 2021 15:52
Operator : VA/SY
Sample : M3038-09
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Jul 20 02:13:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

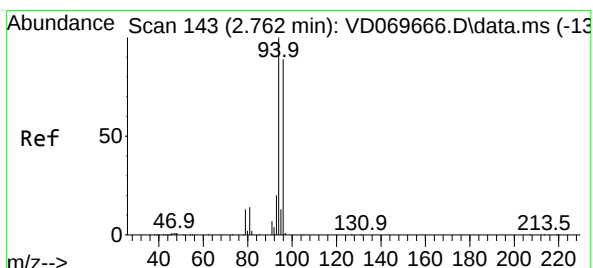
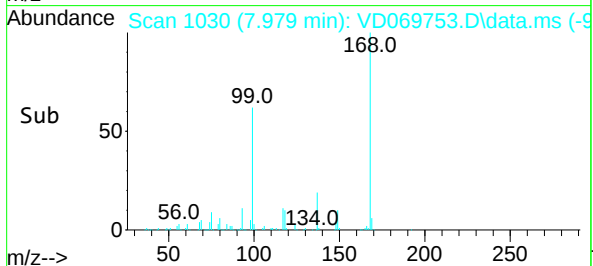
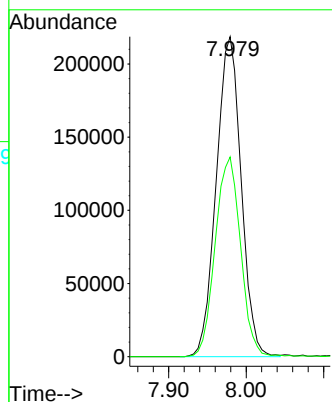
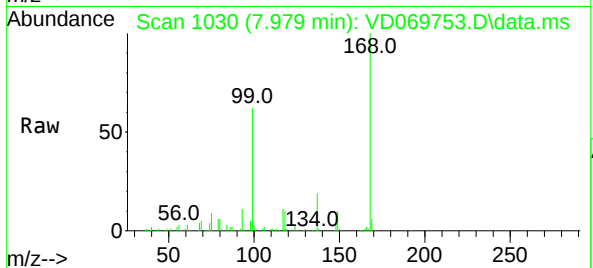




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

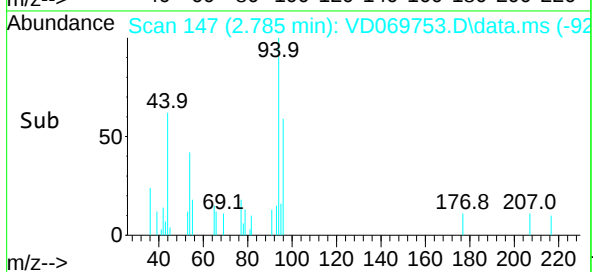
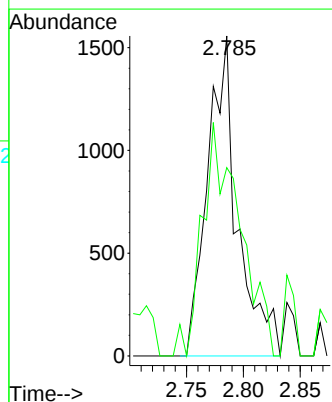
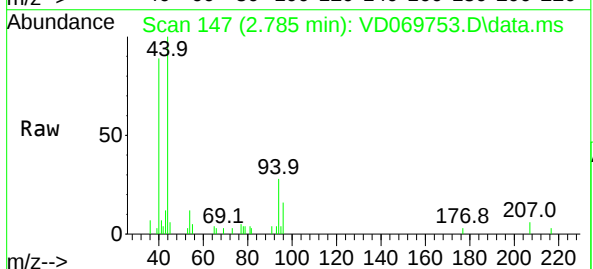
Instrument :
MSVOA_D
ClientSampled :

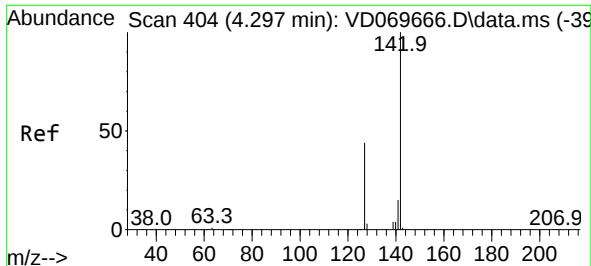
Tgt Ion:168 Resp: 488871
Ion Ratio Lower Upper
168 100
99 62.4 51.8 77.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

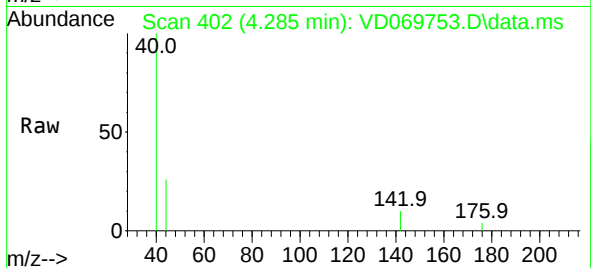
Tgt Ion: 94 Resp: 2844
Ion Ratio Lower Upper
94 100
96 58.8 71.2 106.8#



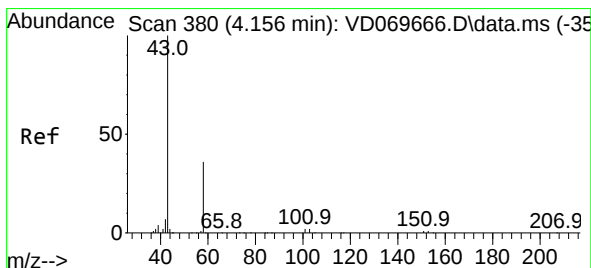
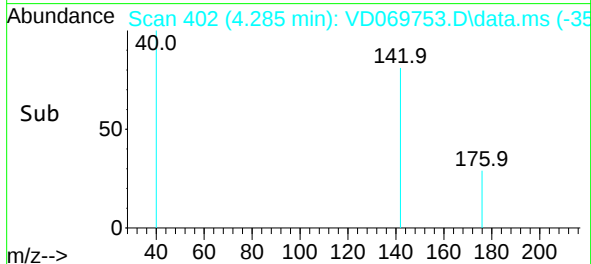
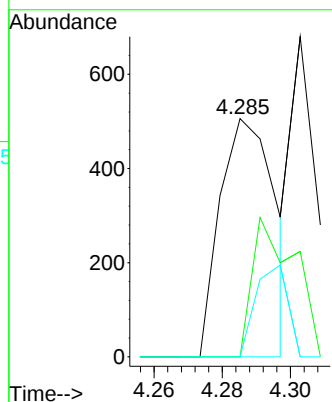


#10
Methyl Iodide
Concen: 2.558 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Instrument :
MSVOA_D
ClientSampled :

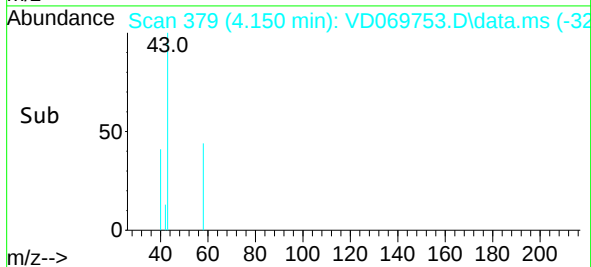
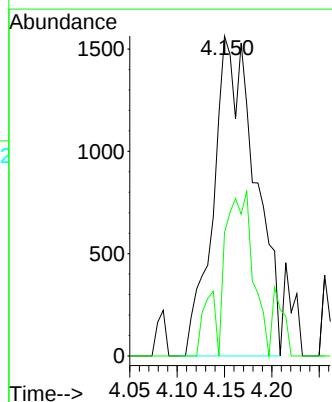
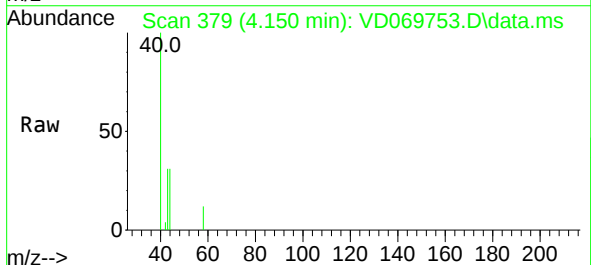


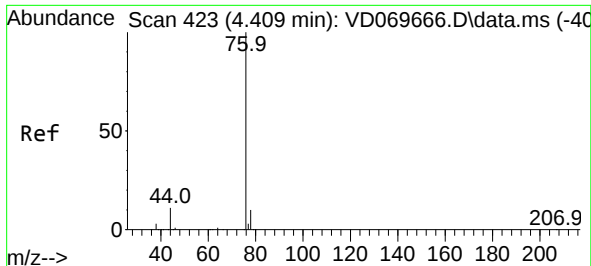
Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
142 100
127 44.7 36.1 54.1
141 22.4 11.6 17.4#



#16
Acetone
Concen: 16.519 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

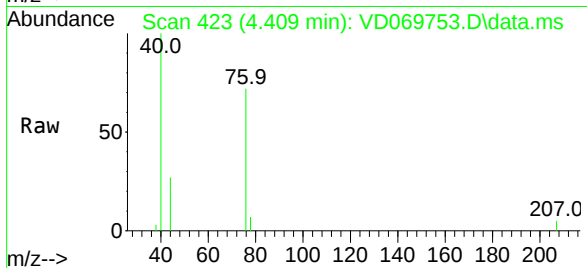
Tgt Ion: 43 Resp: 4815
Ion Ratio Lower Upper
43 100
58 38.6 28.6 42.8



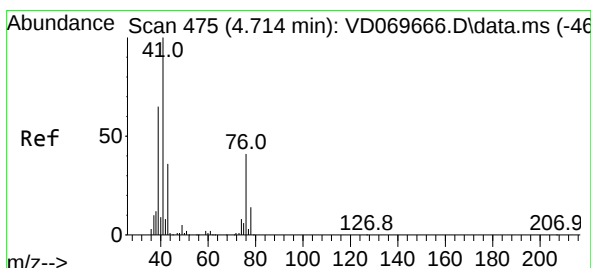
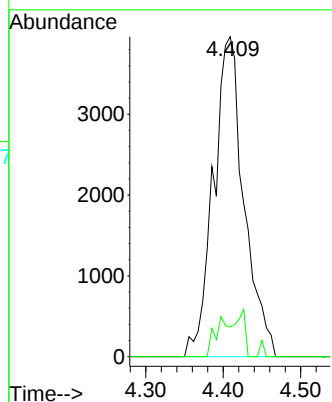
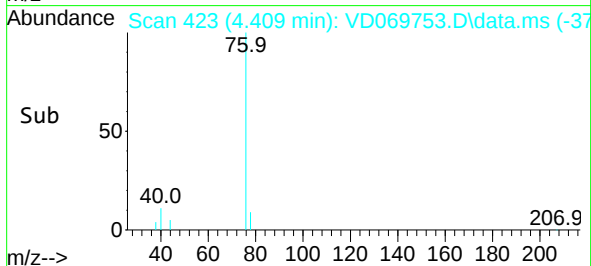


#17
Carbon Disulfide
Concen: 1.007 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

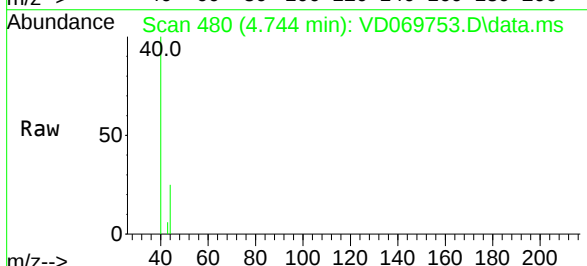
Instrument :
MSVOA_D
ClientSampleId :



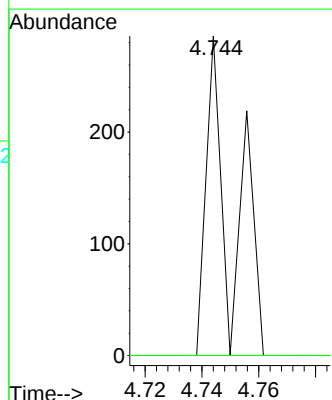
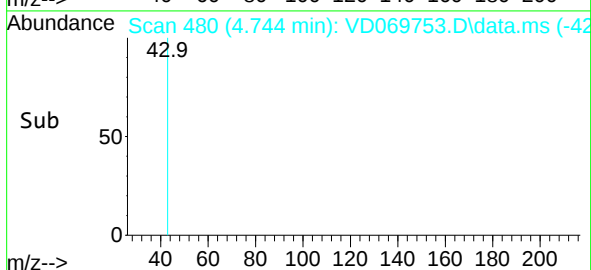
Tgt Ion: 76 Resp: 10841
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

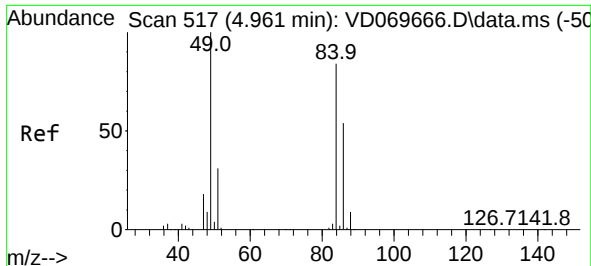


#18
Methyl Acetate
Concen: Below Cal
RT: 4.744 min Scan# 480
Delta R.T. 0.030 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52



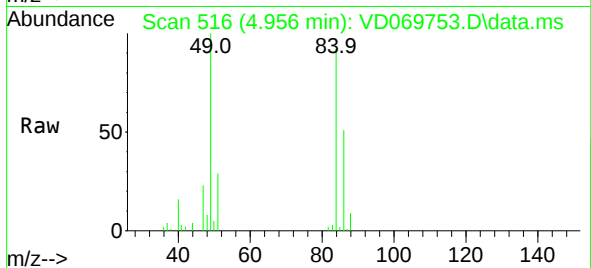
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



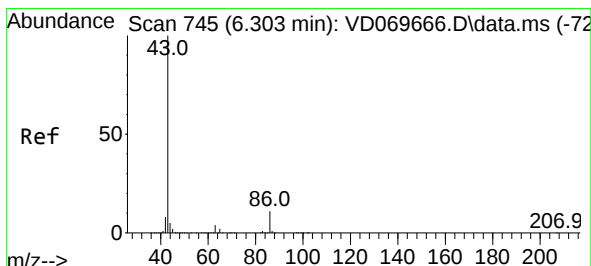
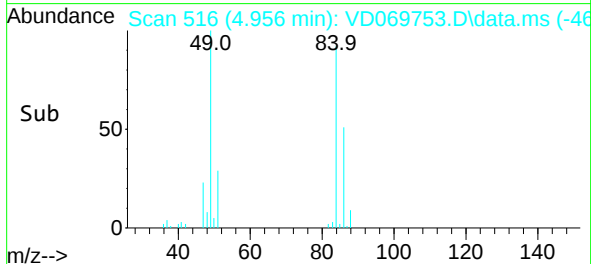
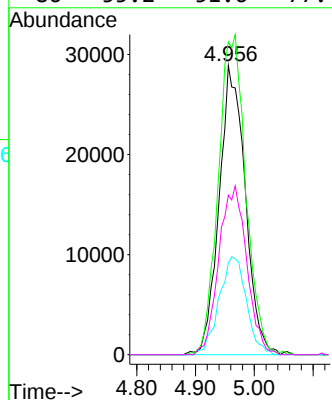


#20
Methylene Chloride
Concen: 5.919 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :

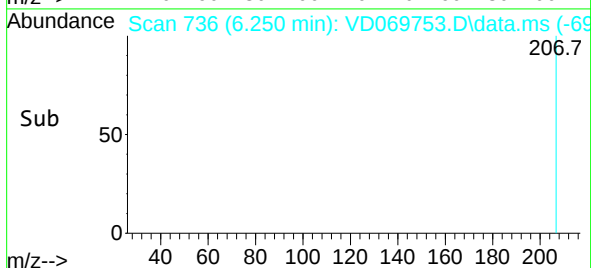
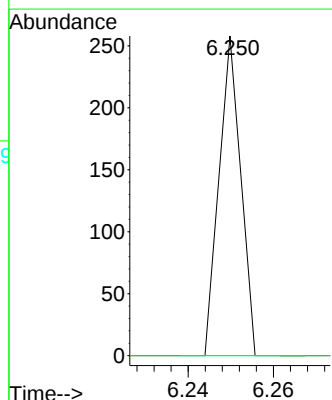
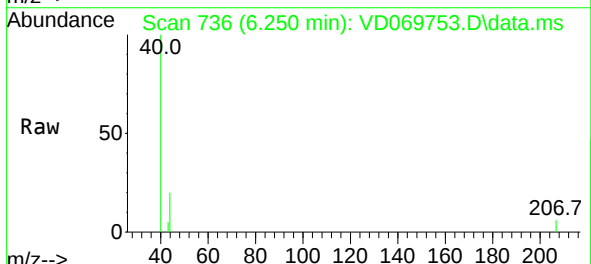


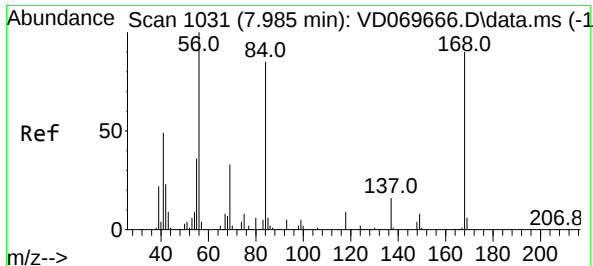
Tgt Ion:	84	Resp:	88968
Ion	Ratio	Lower	Upper
84	100		
49	108.2	95.5	143.3
51	31.7	29.7	44.5
86	55.2	51.6	77.4



#23
Vinyl Acetate
Concen: 15.434 ug/l
RT: 6.250 min Scan# 736
Delta R.T. -0.053 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

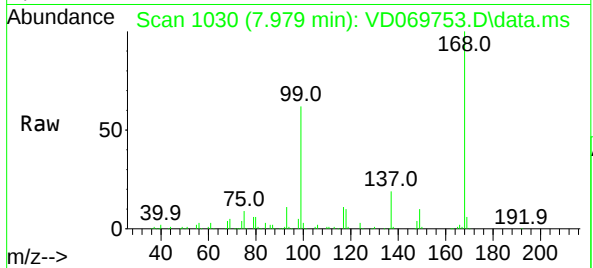
Tgt Ion:	43	Resp:	91
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#



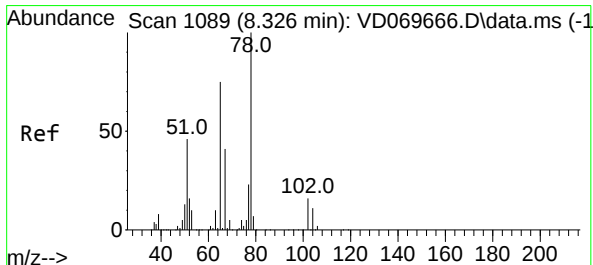
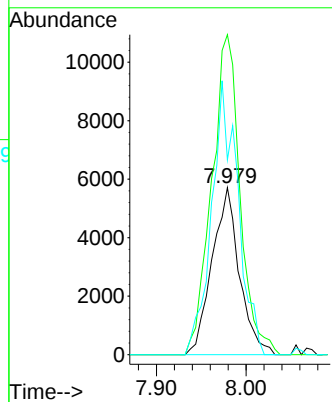
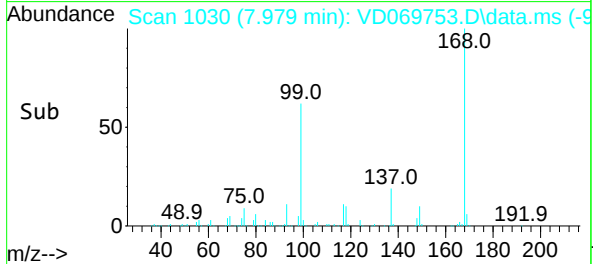


#31
Cyclohexane
Concen: 1.558 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

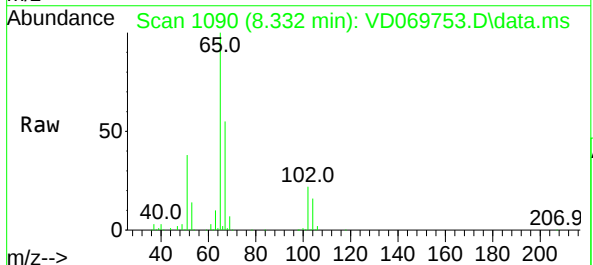
Instrument :
MSVOA_D
ClientSampleId :



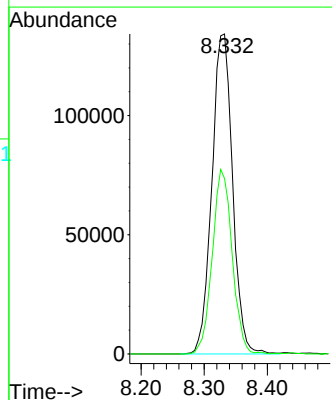
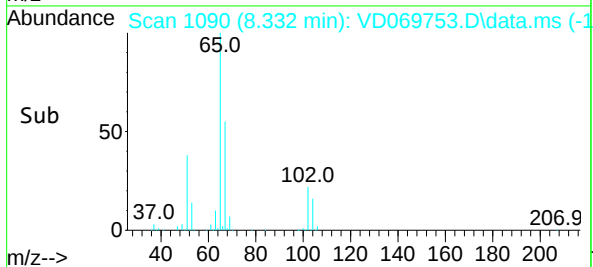
Tgt Ion: 56 Resp: 12085
Ion Ratio Lower Upper
56 100
69 191.5 26.6 39.8#
84 116.6 68.2 102.2#

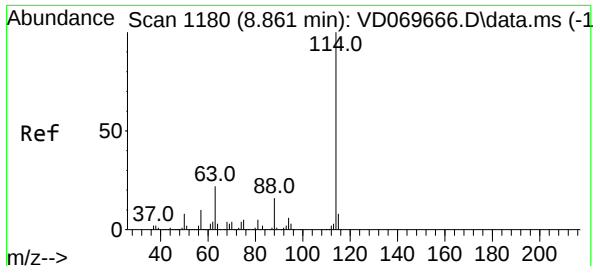


#33
1,2-Dichloroethane-d4
Concen: 50.057 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52



Tgt Ion: 65 Resp: 305556
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

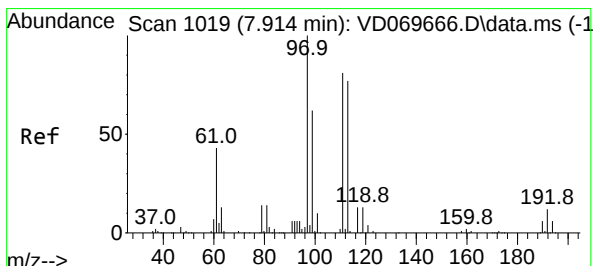
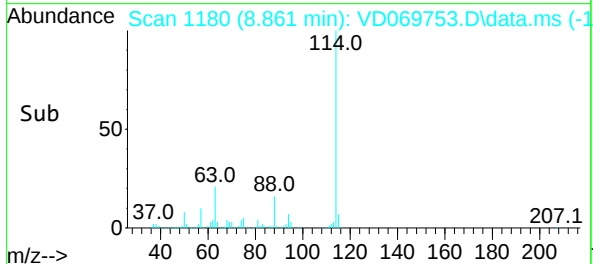
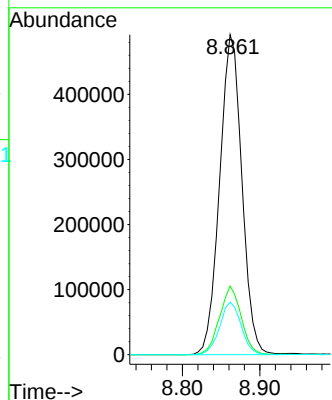
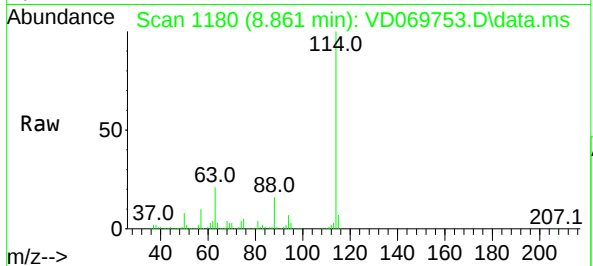




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

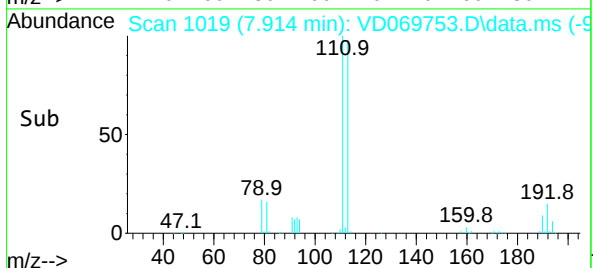
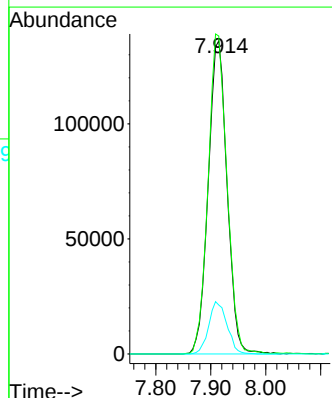
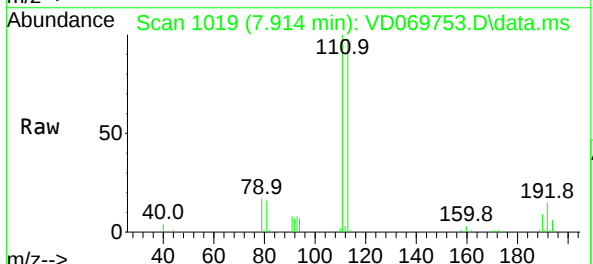
Instrument :
MSVOA_D
ClientSampled :

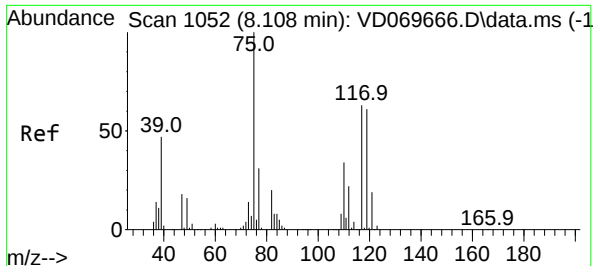
Tgt Ion:114 Resp: 980172
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.4
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.312 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Tgt Ion:113 Resp: 324266
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.2 12.7 19.1



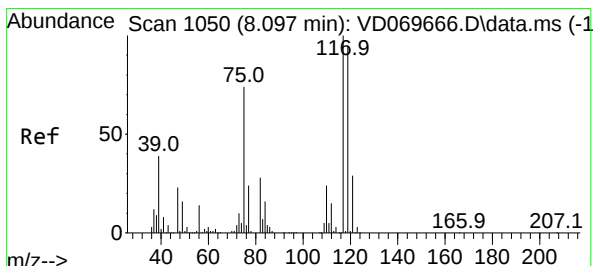
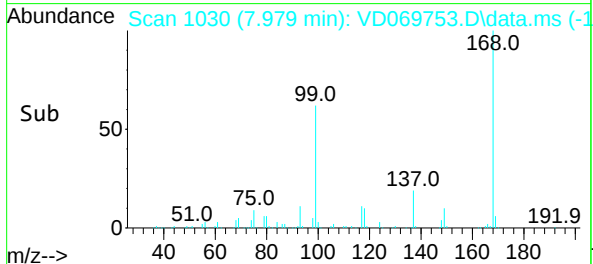
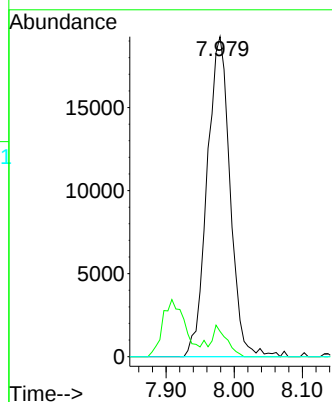
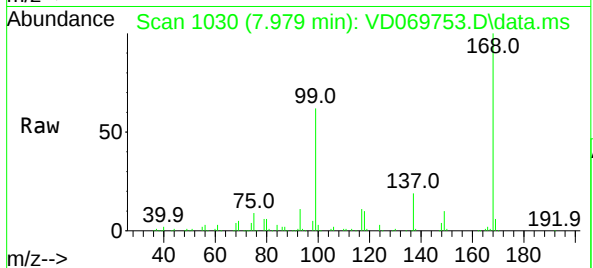


#36

1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :

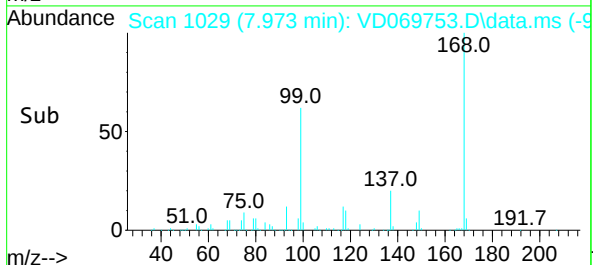
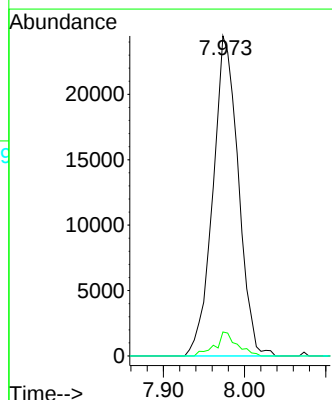
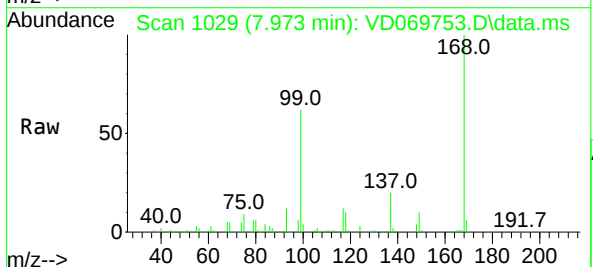
Tgt Ion: 75 Resp: 45110
Ion Ratio Lower Upper
75 100
110 7.2 16.7 50.0#
77 0.0 25.3 37.9#

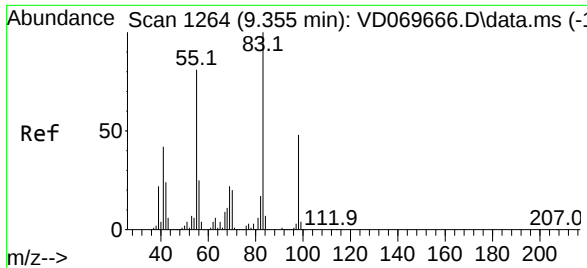


#38

Carbon Tetrachloride
Concen: 5.747 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

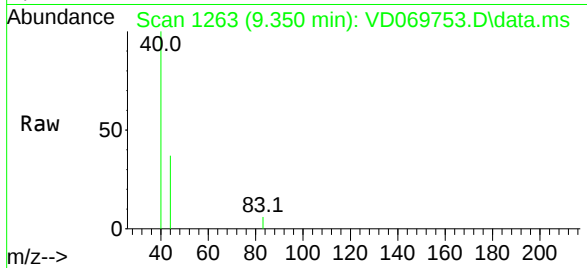
Tgt Ion: 117 Resp: 53216
Ion Ratio Lower Upper
117 100
119 7.5 75.7 113.5#
121 0.0 23.0 34.6#



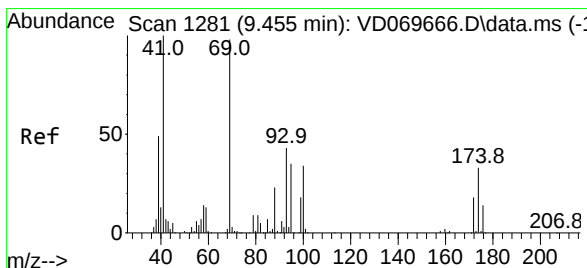
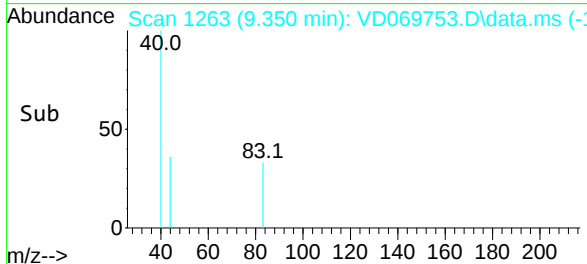
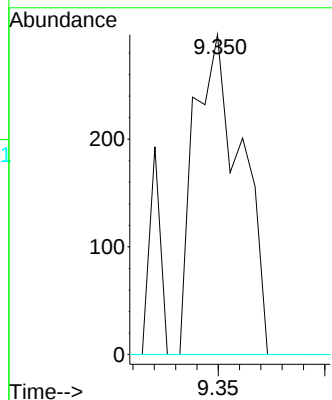


#39
Methylcyclohexane
Concen: 1.995 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Instrument :
MSVOA_D
ClientSampled :

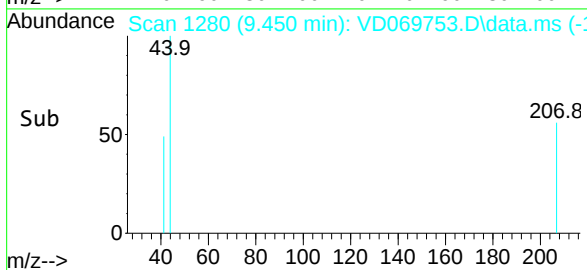
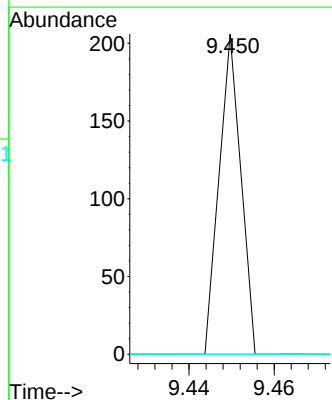
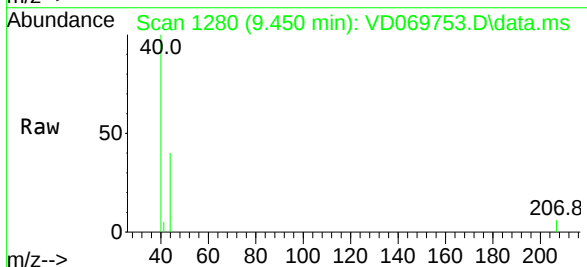


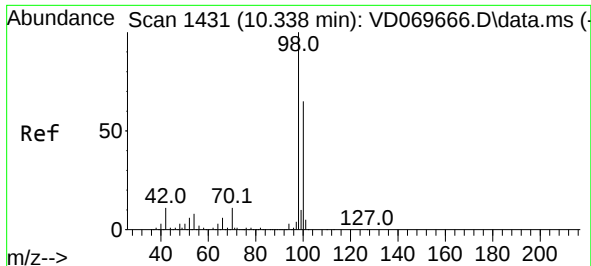
Tgt Ion: 83 Resp: 457
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.0 38.4 57.6#



#48
Methyl methacrylate
Concen: 1.122 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.005 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 0.0 36.7 55.1#

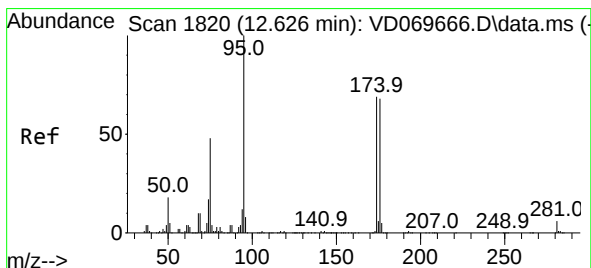
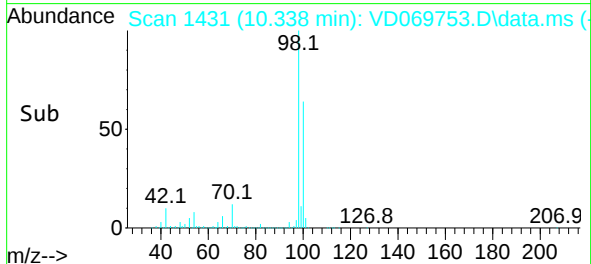
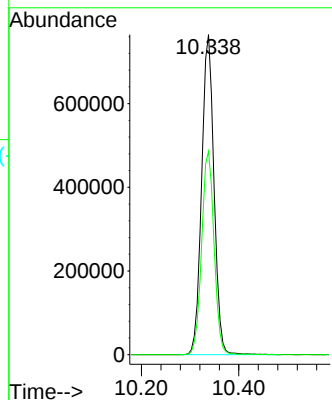
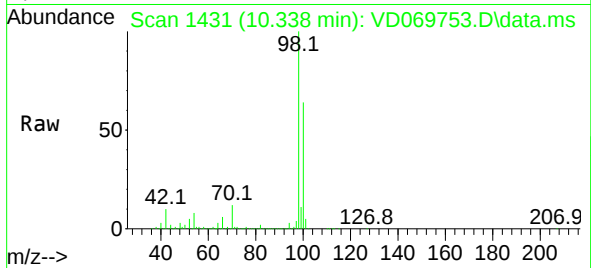




#50
Toluene-d8
Concen: 52.673 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

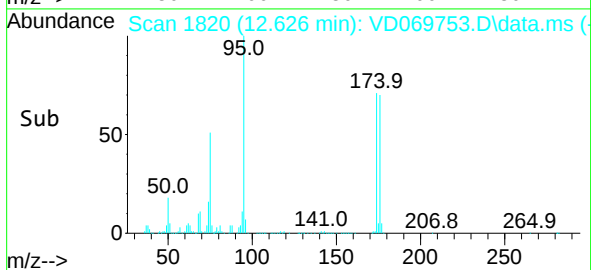
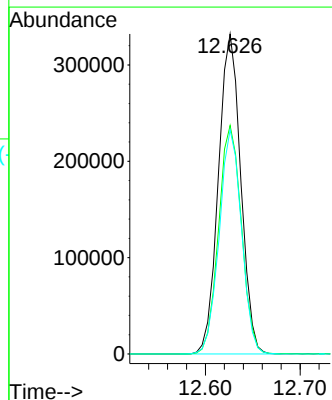
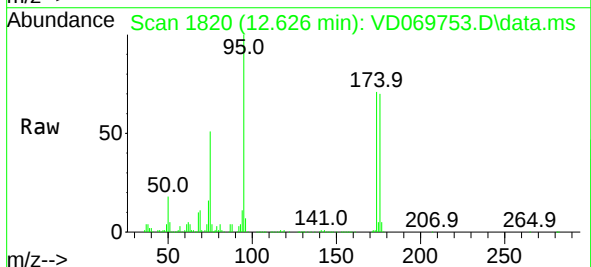
Instrument :
MSVOA_D
ClientSampleId :

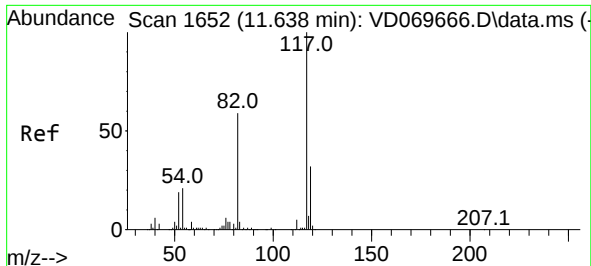
Tgt Ion: 98 Resp: 1345642
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 63.909 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Tgt Ion: 95 Resp: 544518
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.0
176 69.7 0.0 136.2

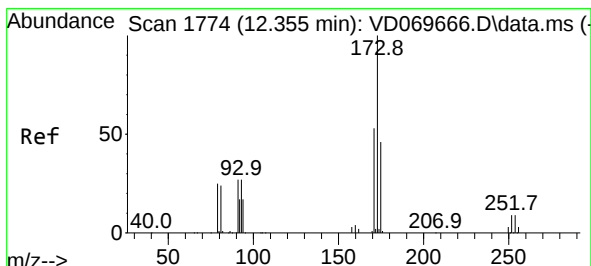
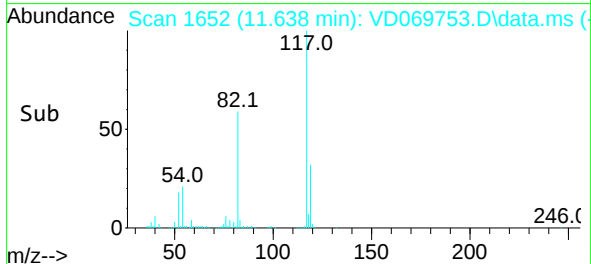
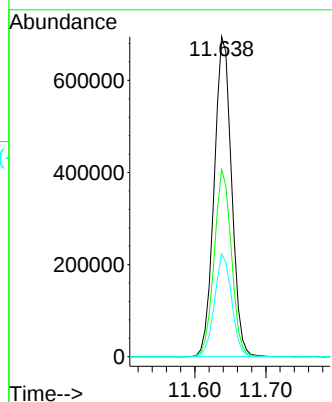
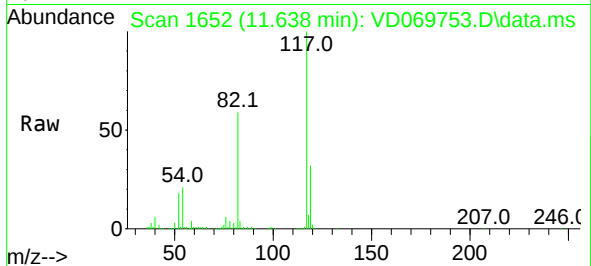




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

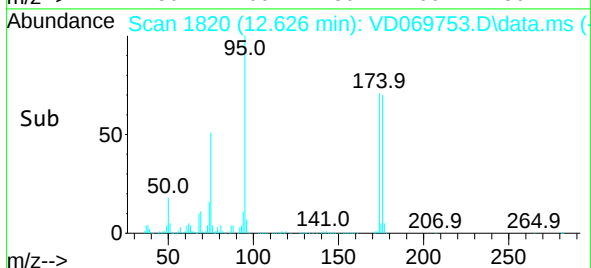
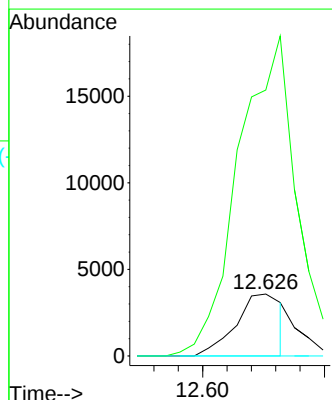
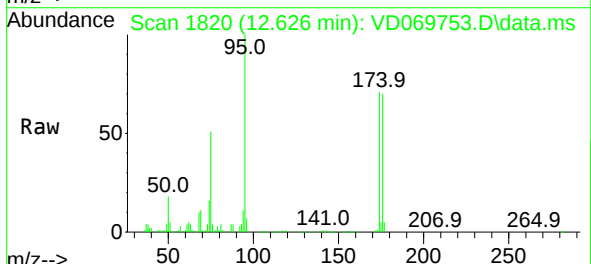
Instrument :
MSVOA_D
ClientSampleId :

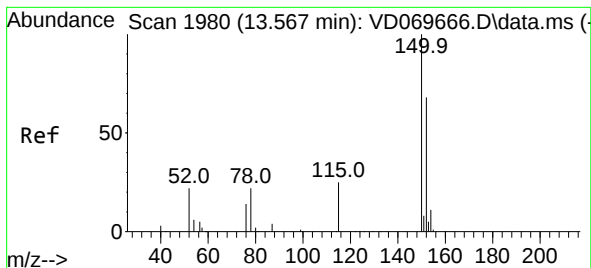
Tgt Ion:117 Resp: 1179828
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.2 25.5 38.3



#71
Bromoform
Concen: 1.158 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Tgt Ion:173 Resp: 4725
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.1 0.1#

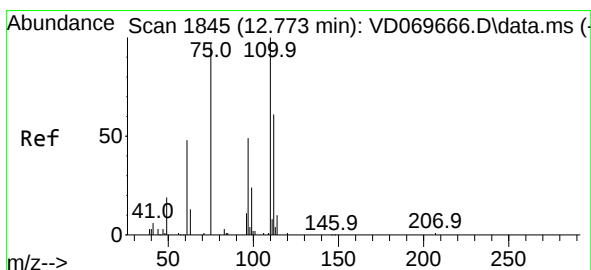
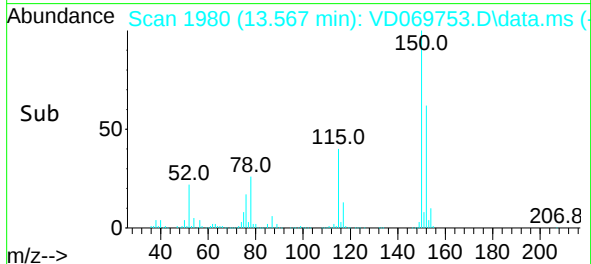
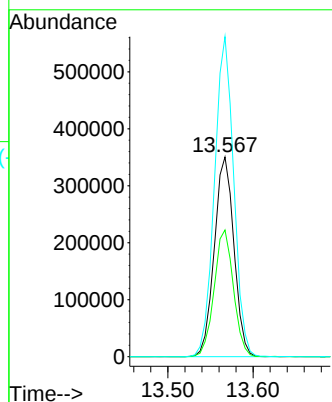
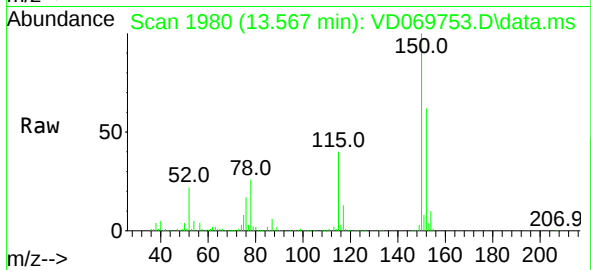




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069753.D
 Acq: 19 Jul 2021 15:52

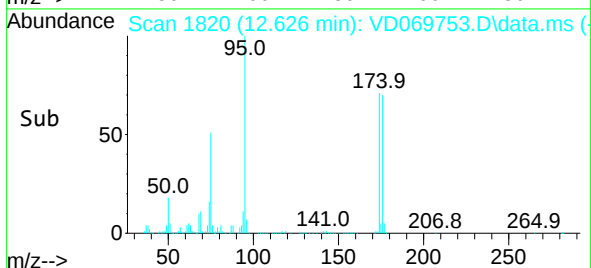
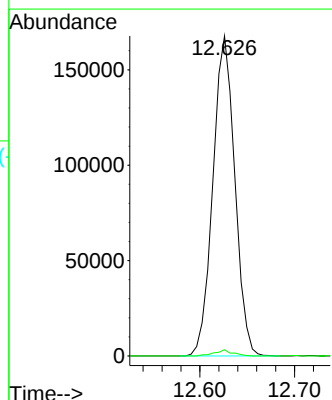
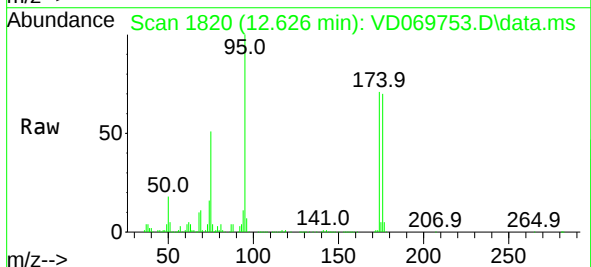
Instrument :
 MSVOA_D
 ClientSampleId :

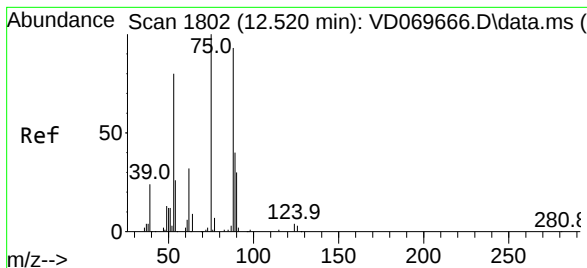
Tgt Ion:152 Resp: 559793
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.7 95.1
 150 157.6 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 49.671 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069753.D
 Acq: 19 Jul 2021 15:52

Tgt Ion: 75 Resp: 270122
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

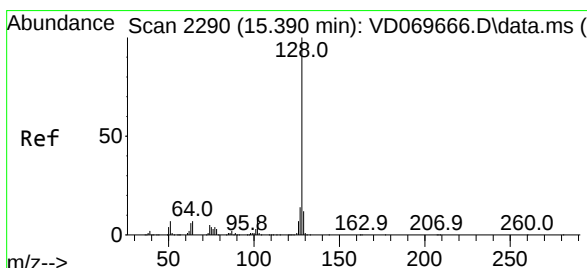
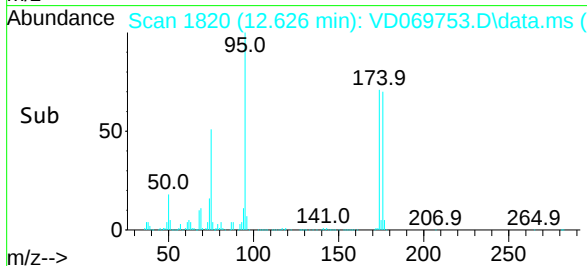
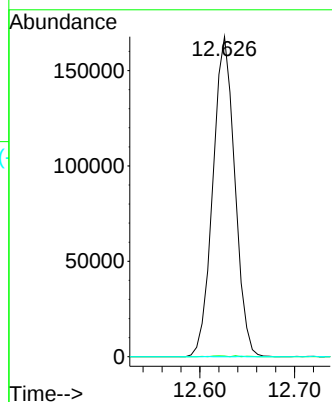
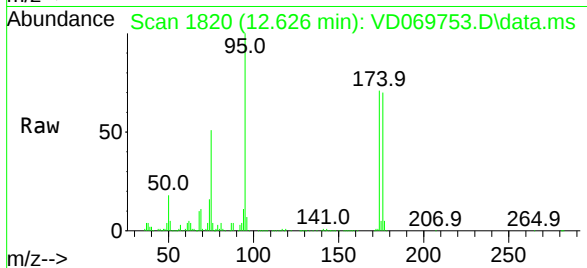




#81
trans-1,4-Dichloro-2-butene
Concen: 133.488 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 270122
Ion Ratio Lower Upper
75 100
53 0.2 70.6 106.0#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 2.249 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069753.D
Acq: 19 Jul 2021 15:52

Tgt Ion:128 Resp: 824
Ion Ratio Lower Upper
128 100
127 8.0 10.6 16.0#
129 0.0 8.8 13.2#

