

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071210.D
 Acq On : 08 Dec 2021 17:22
 Operator : VA/SY
 Sample : M4966-19
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 09 10:18:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

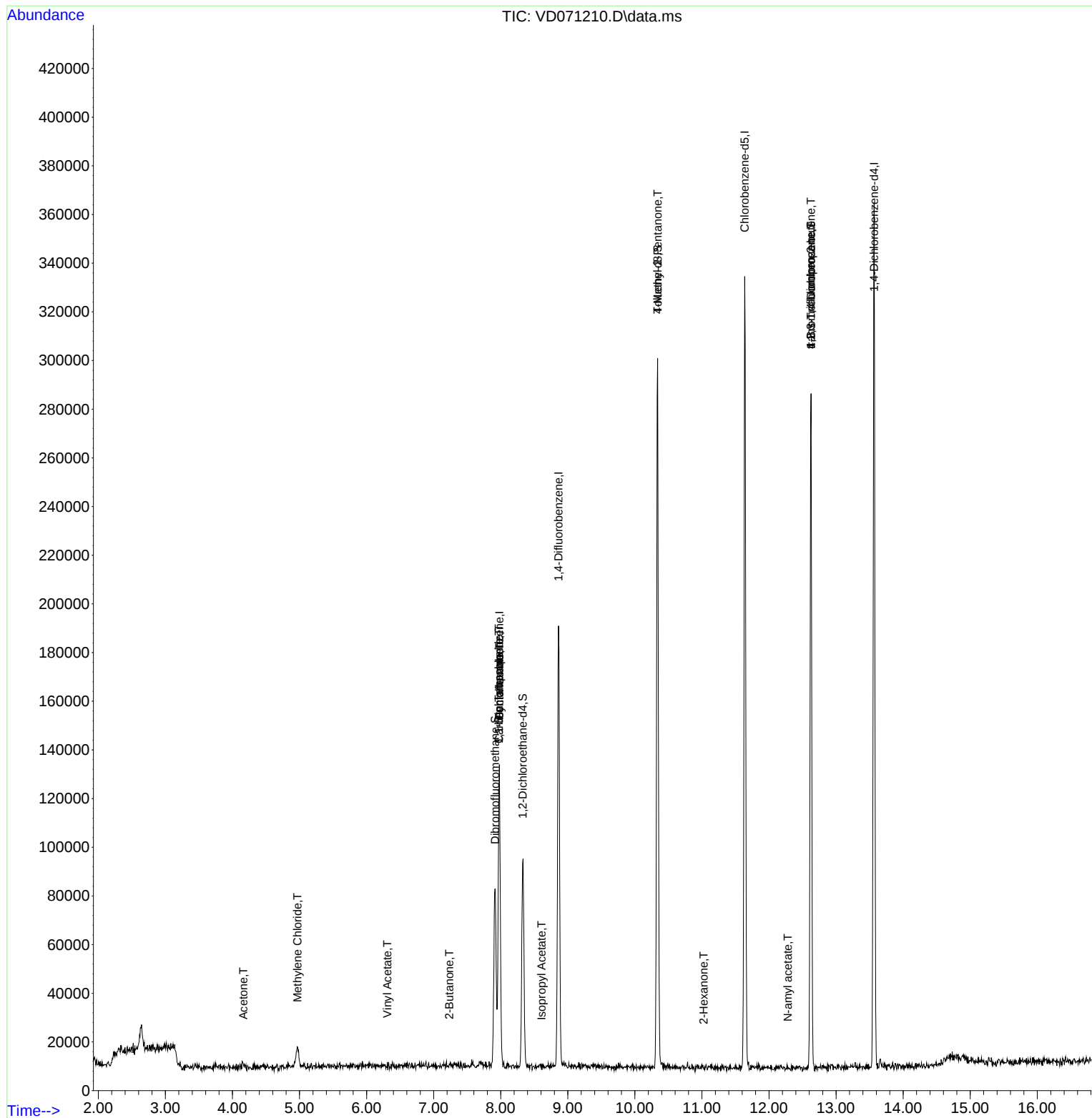
Internal Standards						
1) Pentafluorobenzene	7.979	168	83626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	144861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	172725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	88090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	67043	68.324	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.640%			
35) Dibromofluoromethane	7.914	113	52404	56.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.620%			
50) Toluene-d8	10.338	98	189935	54.106	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.220%			
62) 4-Bromofluorobenzene	12.626	95	85553	70.307	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 140.620%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	96	Below Cal	#	1
16) Acetone	4.162	43	3492	42.547	ug/l	96
20) Methylene Chloride	4.967	84	5422	1.418	ug/l	85
23) Vinyl Acetate	6.309	43	58	27.251	ug/l #	72
25) 2-Butanone	7.232	43	75	28.580	ug/l #	45
31) Cyclohexane	7.979	56	2651	1.588	ug/l #	40
36) 1,1-Dichloropropene	7.973	75	7995	5.905	ug/l #	49
38) Carbon Tetrachloride	7.973	117	8639	6.473	ug/l #	21
41) Methacrylonitrile	7.567	41	75	Below Cal	#	1
43) Isopropyl Acetate	8.608	43	61	5.265	ug/l #	47
51) 4-Methyl-2-Pentanone	10.338	43	1174	32.214	ug/l #	1
59) 2-Hexanone	11.026	43	57	34.673	ug/l #	22
74) N-amyl acetate	12.279	43	109	5.756	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	48025	57.221	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	48025	124.156	ug/l #	18

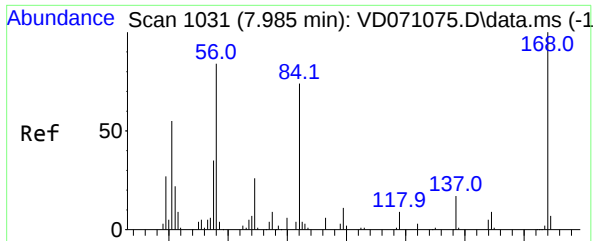
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
Data File : VD071210.D
Acq On : 08 Dec 2021 17:22
Operator : VA/SY
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Misc : 6.25G/5.00ml/MSVOA_D/SOIL
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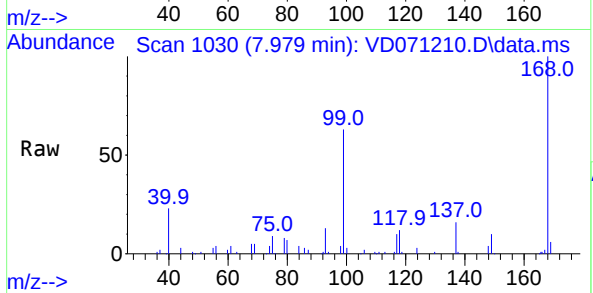
Quant Time: Dec 09 10:18:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



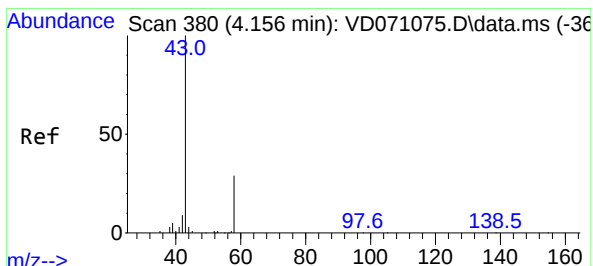
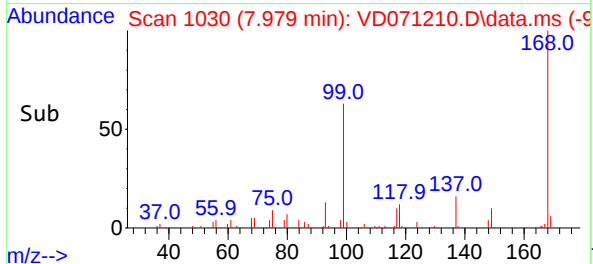
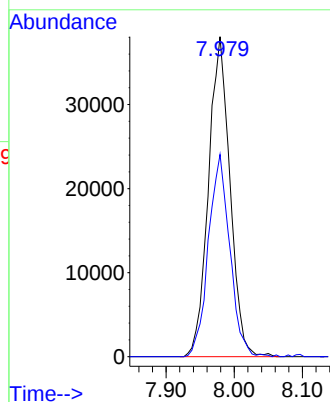


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :

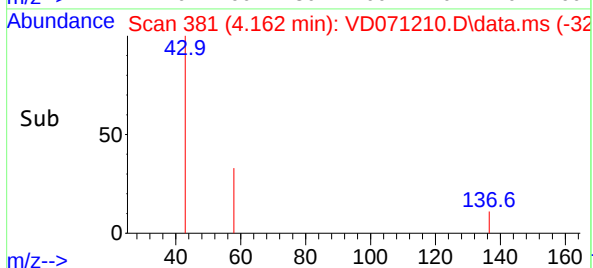
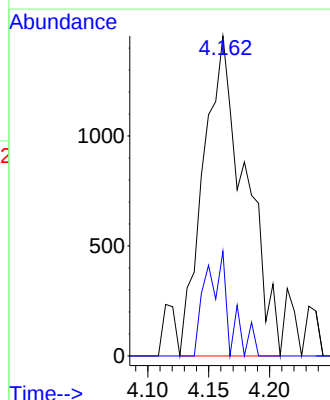
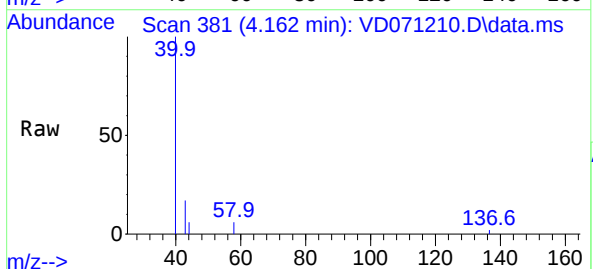


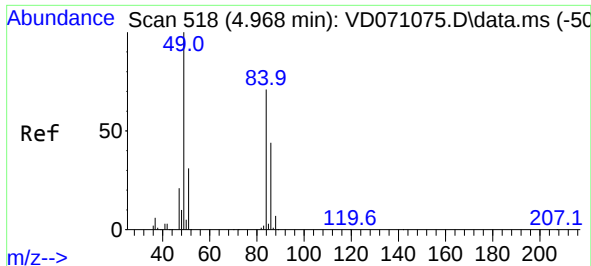
Tgt Ion:168 Resp: 83626
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#16
Acetone
Concen: 42.547 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

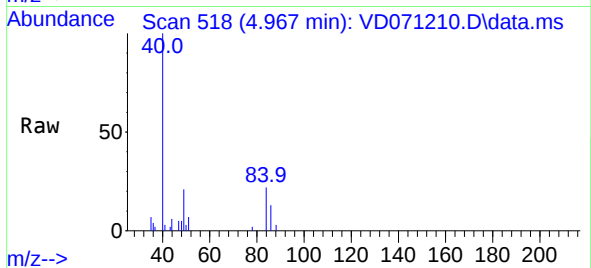
Tgt Ion: 43 Resp: 3492
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8





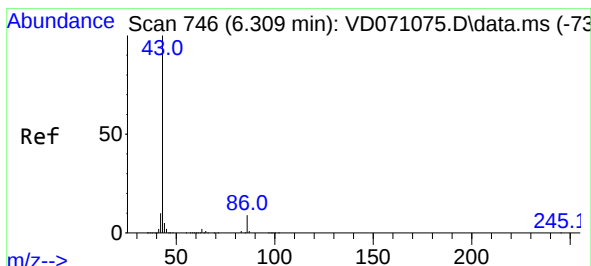
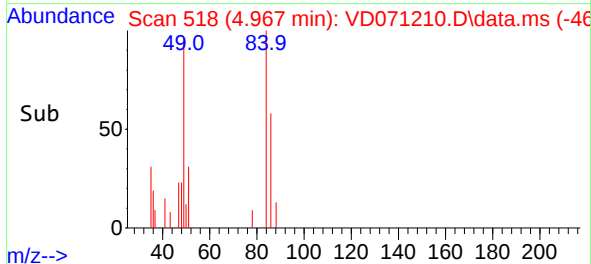
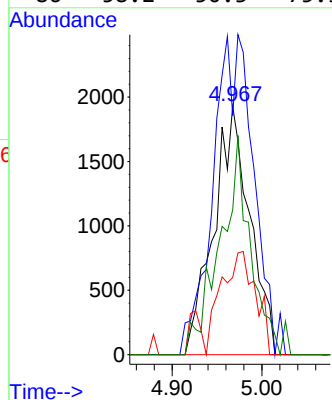
#20
Methylene Chloride
Concen: 1.418 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5422

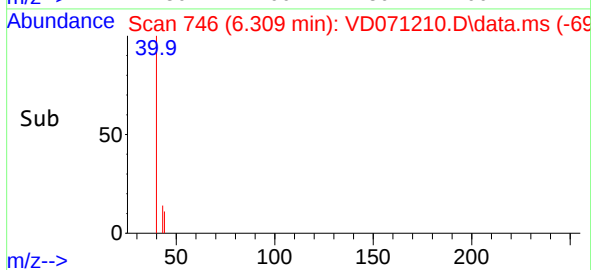
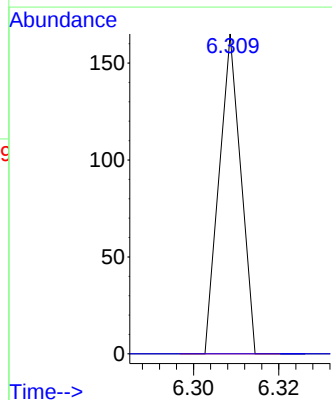
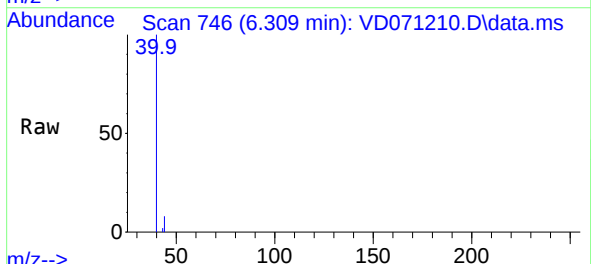
Ion	Ratio	Lower	Upper
84	100		
49	96.3	95.8	143.6
51	31.0	30.9	46.3
86	58.2	50.3	75.5

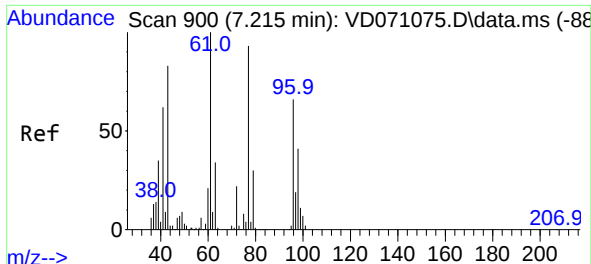


#23
Vinyl Acetate
Concen: 27.251 ug/l
RT: 6.309 min Scan# 746
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Tgt Ion: 43 Resp: 58

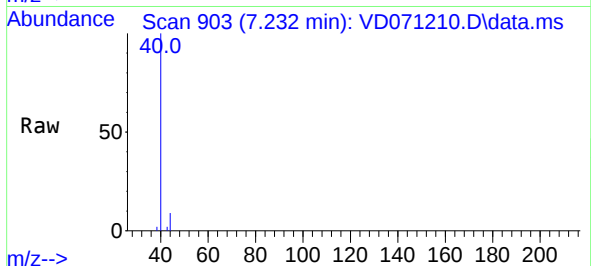
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



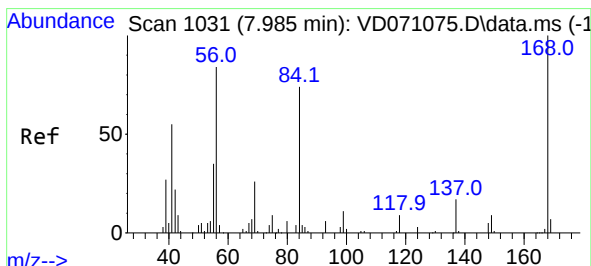
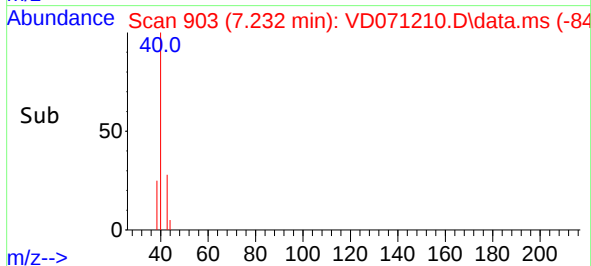
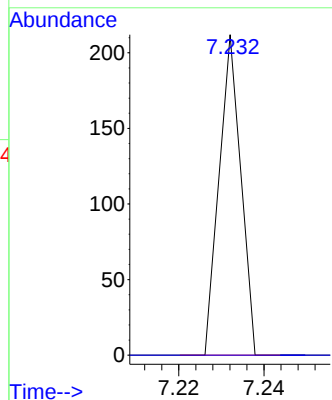


#25
2-Butanone
Concen: 28.580 ug/l
RT: 7.232 min Scan# 90
Delta R.T. 0.017 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :

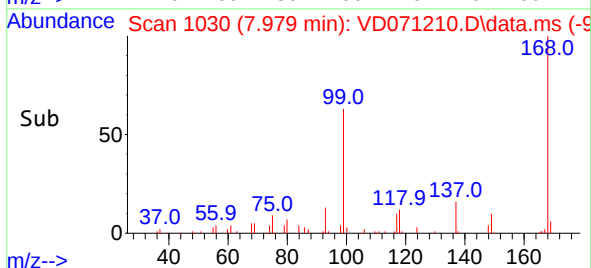
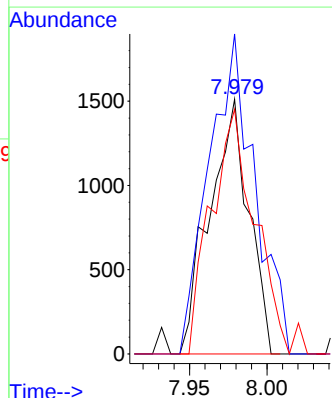
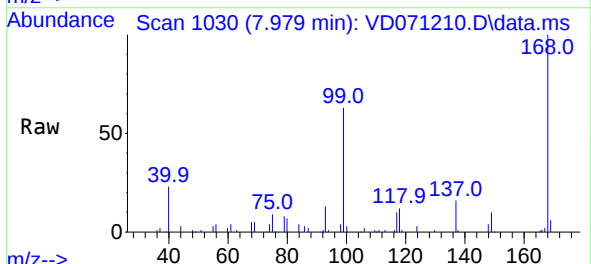


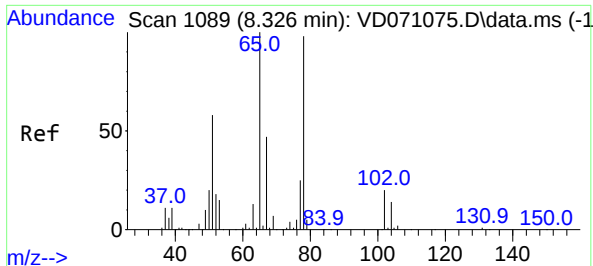
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.588 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Tgt Ion: 56 Resp: 2651
Ion Ratio Lower Upper
56 100
69 125.6 25.9 38.9#
84 96.0 64.3 96.5

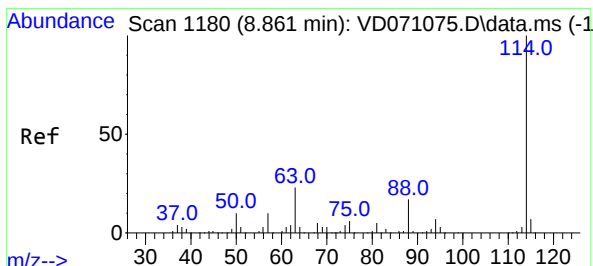
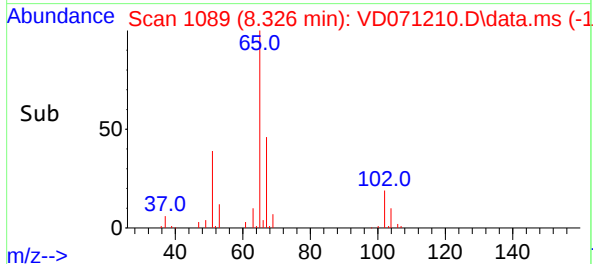
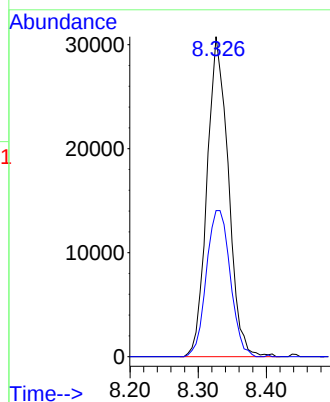
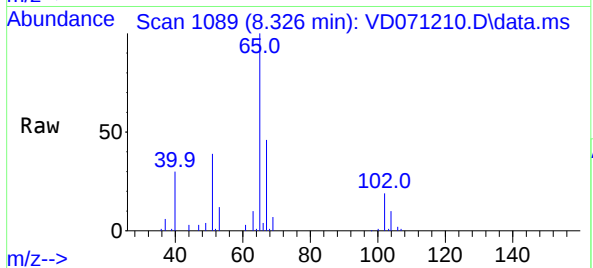




#33
1,2-Dichloroethane-d4
Concen: 68.324 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

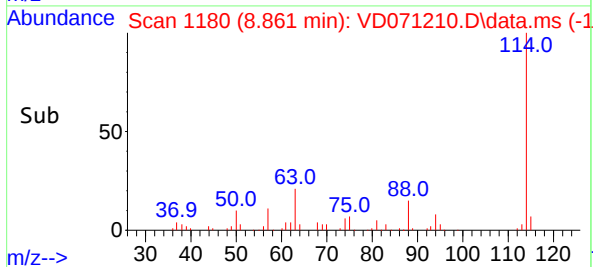
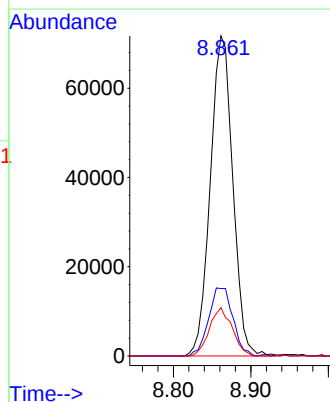
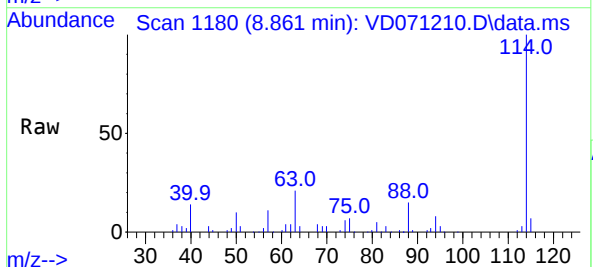
Instrument :
MSVOA_D
ClientSampleId :

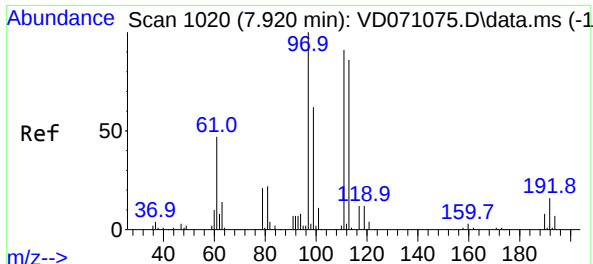
Tgt Ion: 65 Resp: 67043
Ion Ratio Lower Upper
65 100
67 51.2 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

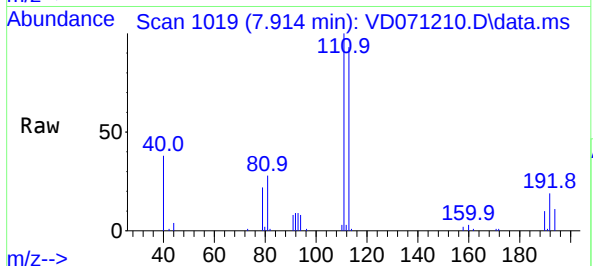
Tgt Ion: 114 Resp: 144861
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.8
88 15.1 0.0 32.8



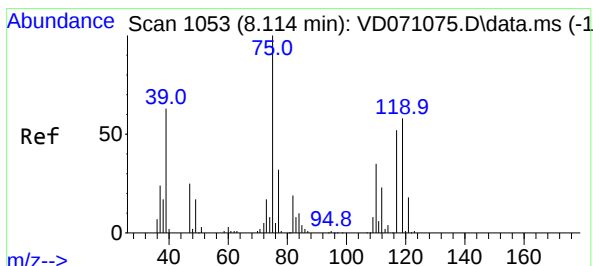
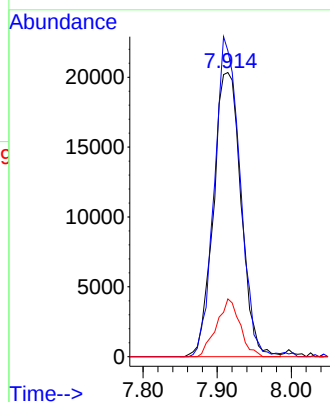
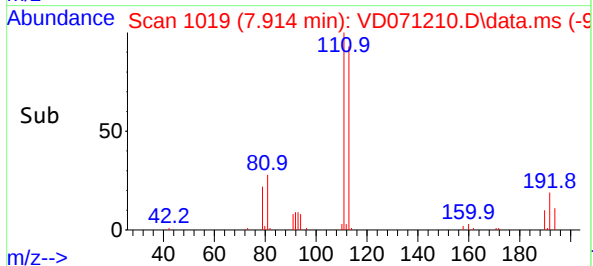


#35
Dibromofluoromethane
Concen: 56.809 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

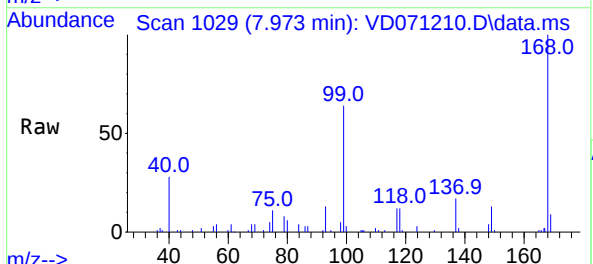
Instrument :
MSVOA_D
ClientSampleId :



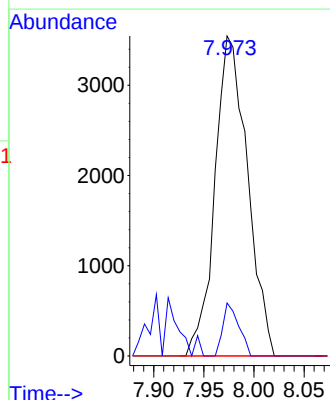
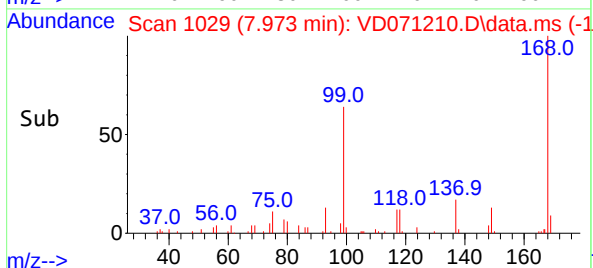
Tgt Ion:113 Resp: 52404
Ion Ratio Lower Upper
113 100
111 104.5 82.0 123.0
192 17.3 15.2 22.8

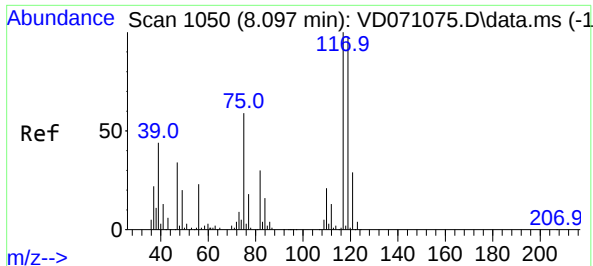


#36
1,1-Dichloropropene
Concen: 5.905 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22



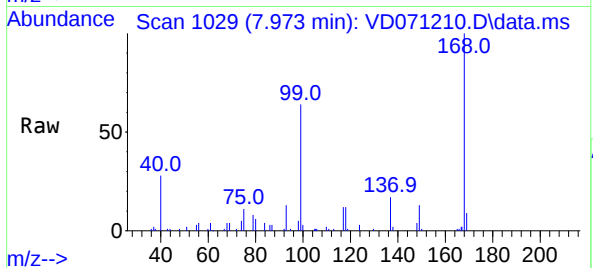
Tgt Ion: 75 Resp: 7995
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.4#
77 0.0 24.8 37.2#



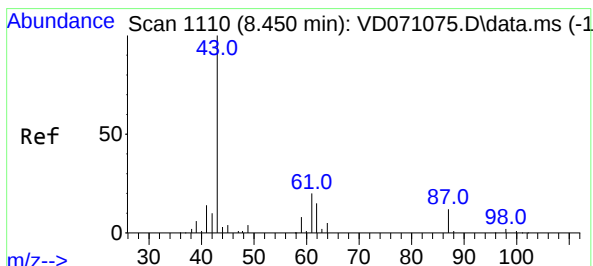
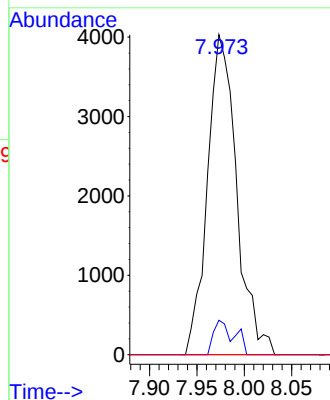
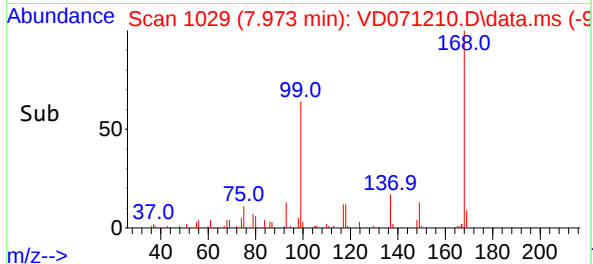


#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 7.973 min Scan# 1107
Delta R.T. -0.124 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :

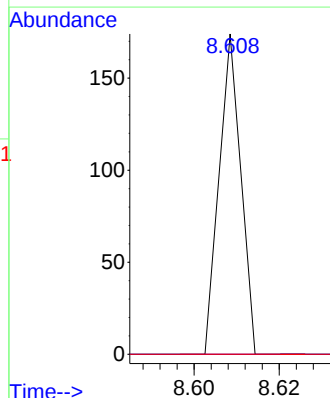
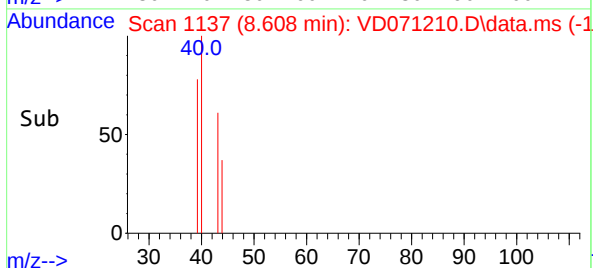
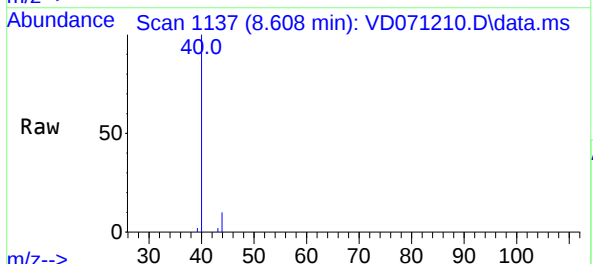


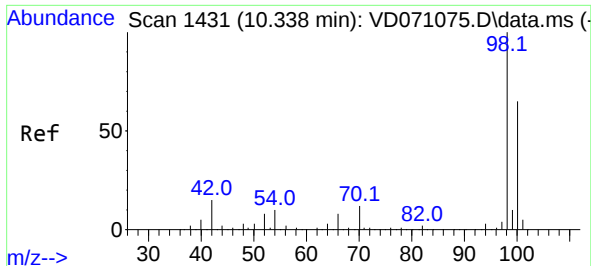
Tgt Ion:117 Resp: 8639
Ion Ratio Lower Upper
117 100
119 10.7 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.265 ug/l
RT: 8.608 min Scan# 1137
Delta R.T. 0.158 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

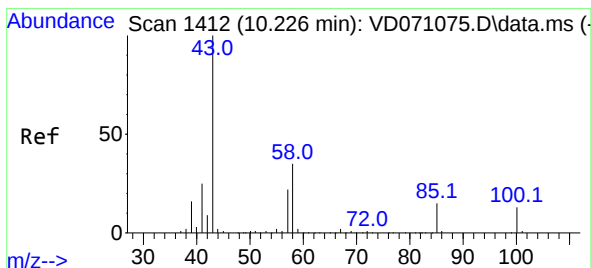
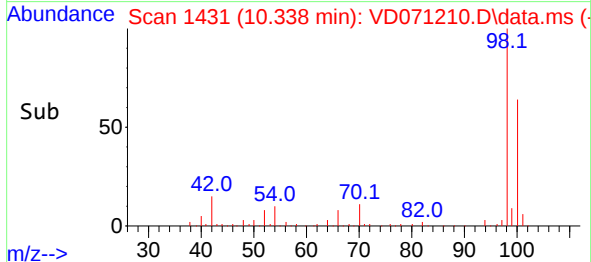
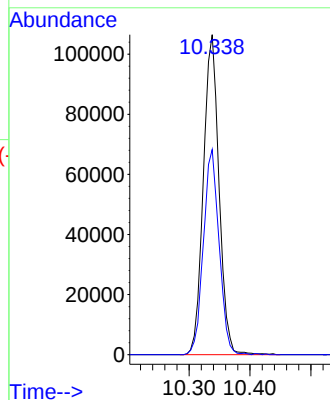
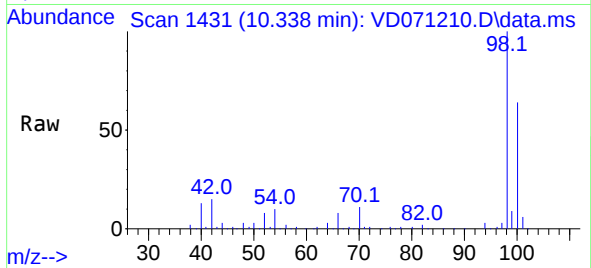




#50
Toluene-d8
Concen: 54.106 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

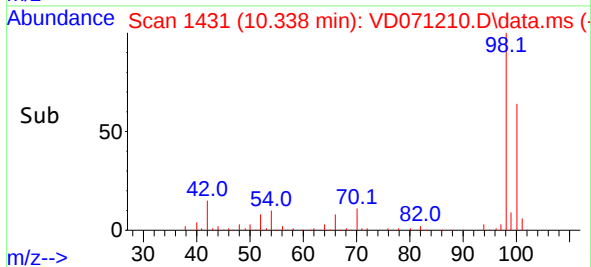
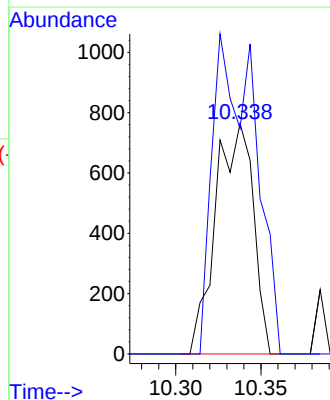
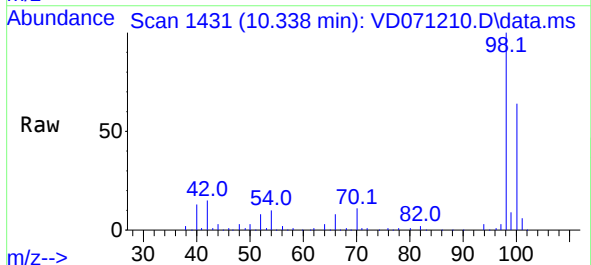
Instrument :
MSVOA_D
ClientSampleId :

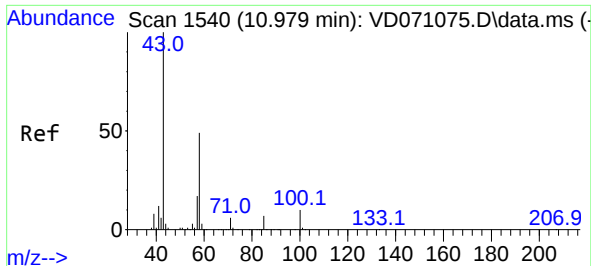
Tgt Ion: 98 Resp: 189935
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.214 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 155.5 33.1 49.7#

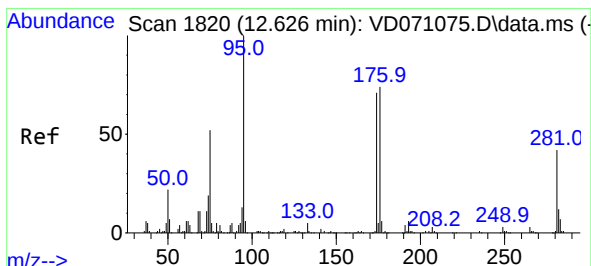
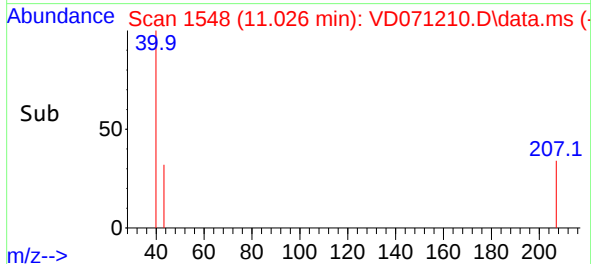
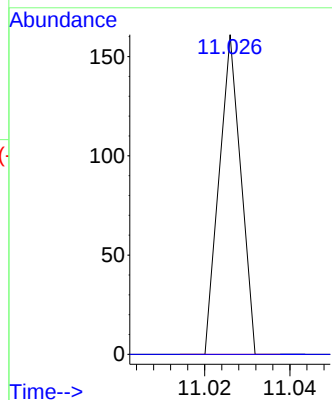
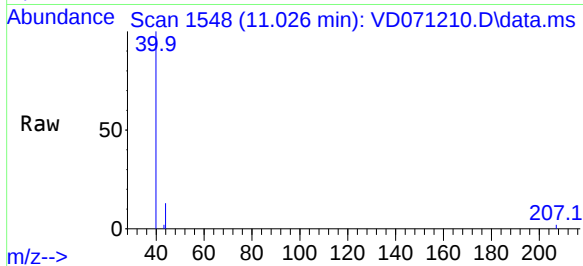




#59
2-Hexanone
Concen: 34.673 ug/l
RT: 11.026 min Scan# 11
Delta R.T. 0.047 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

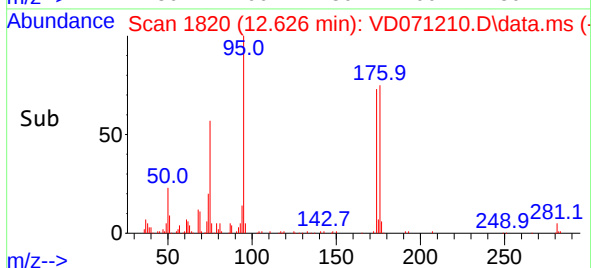
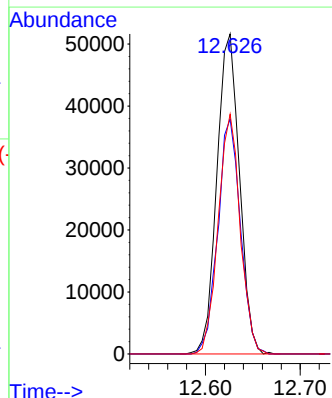
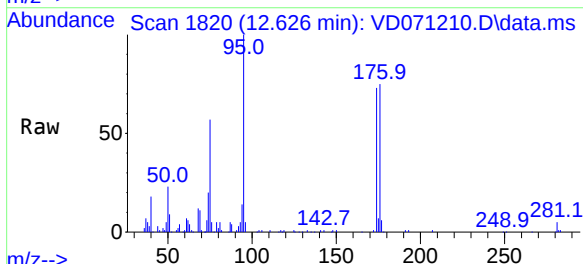
Instrument :
MSVOA_D
ClientSampleId :

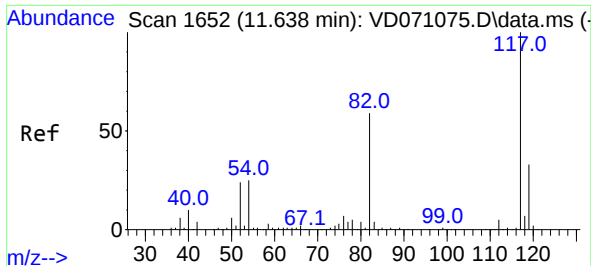
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 70.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

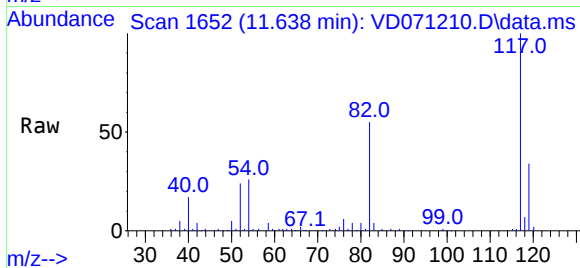
Tgt Ion: 95 Resp: 85553
Ion Ratio Lower Upper
95 100
174 73.4 0.0 159.4
176 73.0 0.0 154.0



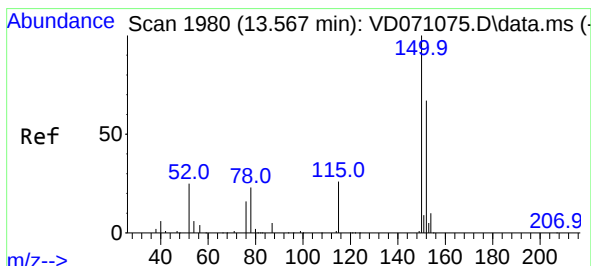
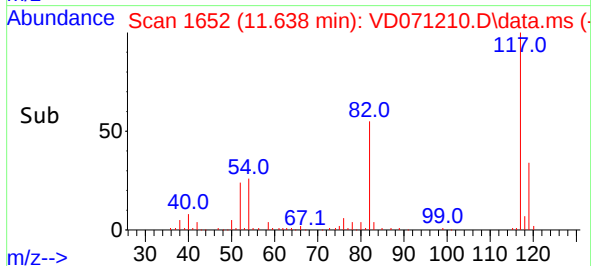
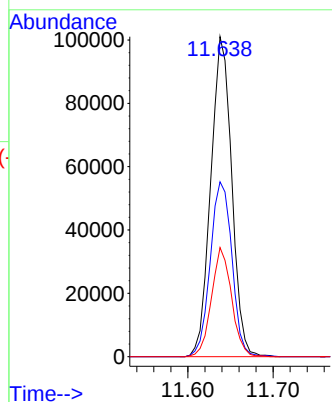


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :

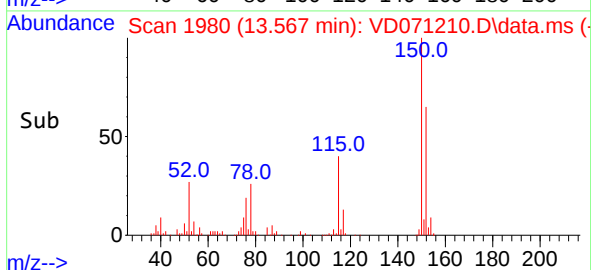
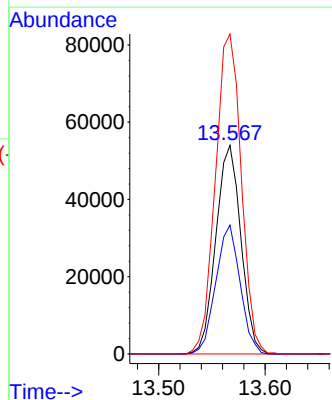
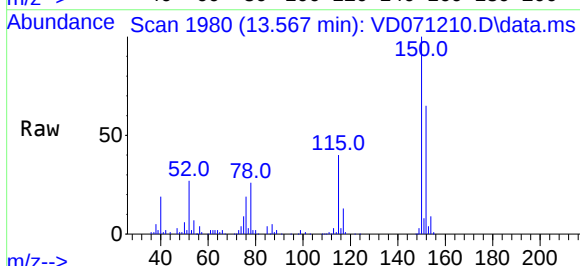


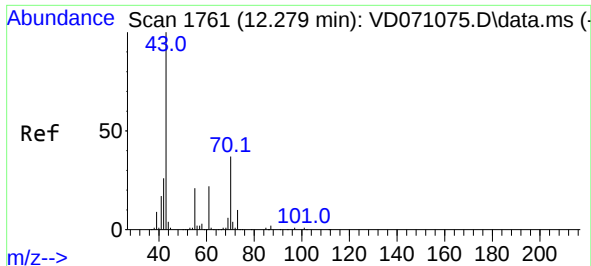
Tgt Ion:117 Resp: 172725
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 34.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

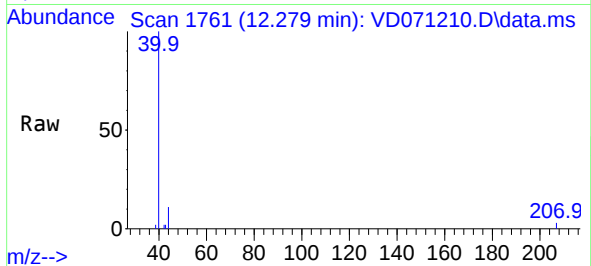
Tgt Ion:152 Resp: 88090
Ion Ratio Lower Upper
152 100
115 60.0 29.8 89.3
150 158.5 0.0 349.2



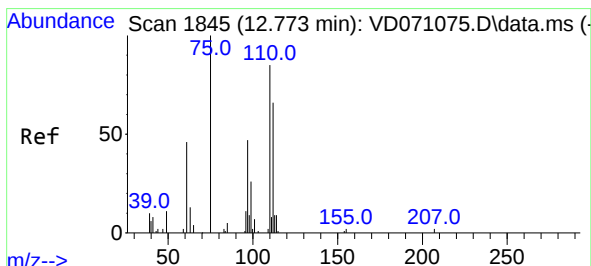
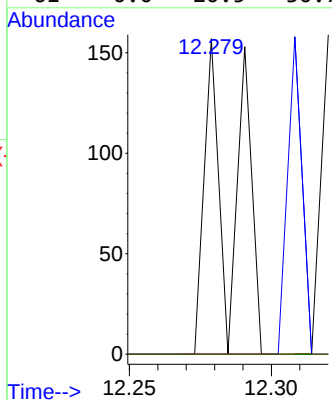
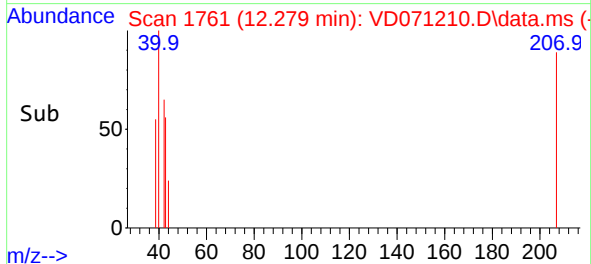


#74
N-amy1 acetate
Concen: 5.756 ug/l
RT: 12.279 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

Instrument :
MSVOA_D
ClientSampleId :

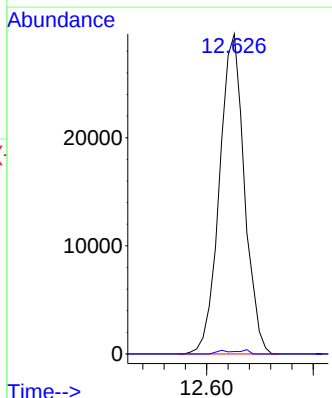
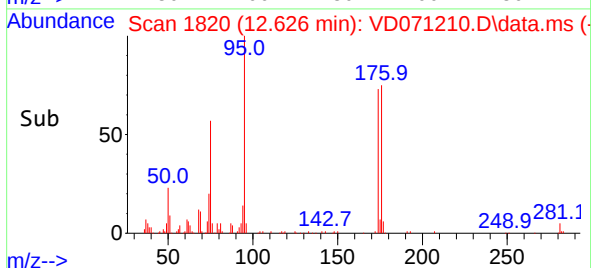
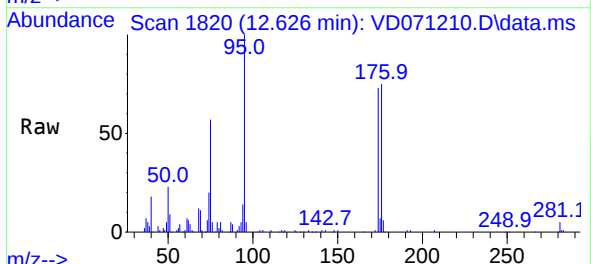


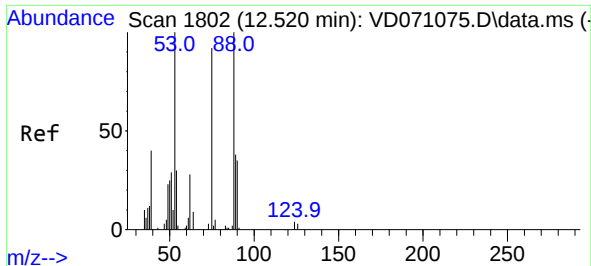
Tgt Ion: 43	Resp: 109
Ion Ratio	Lower Upper
43 100	
70 0.0	36.6 55.0#
55 0.0	22.5 33.7#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 57.221 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071210.D
Acq: 08 Dec 2021 17:22

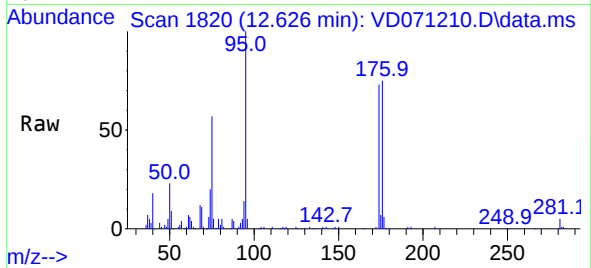
Tgt Ion: 75	Resp: 48025
Ion Ratio	Lower Upper
75 100	
77 0.5	158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.156 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071210.D
 Acq: 08 Dec 2021 17:22

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 48025
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

