

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071213.D
 Acq On : 08 Dec 2021 18:45
 Operator : VA/SY
 Sample : M4965-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 09 10:19:26 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)

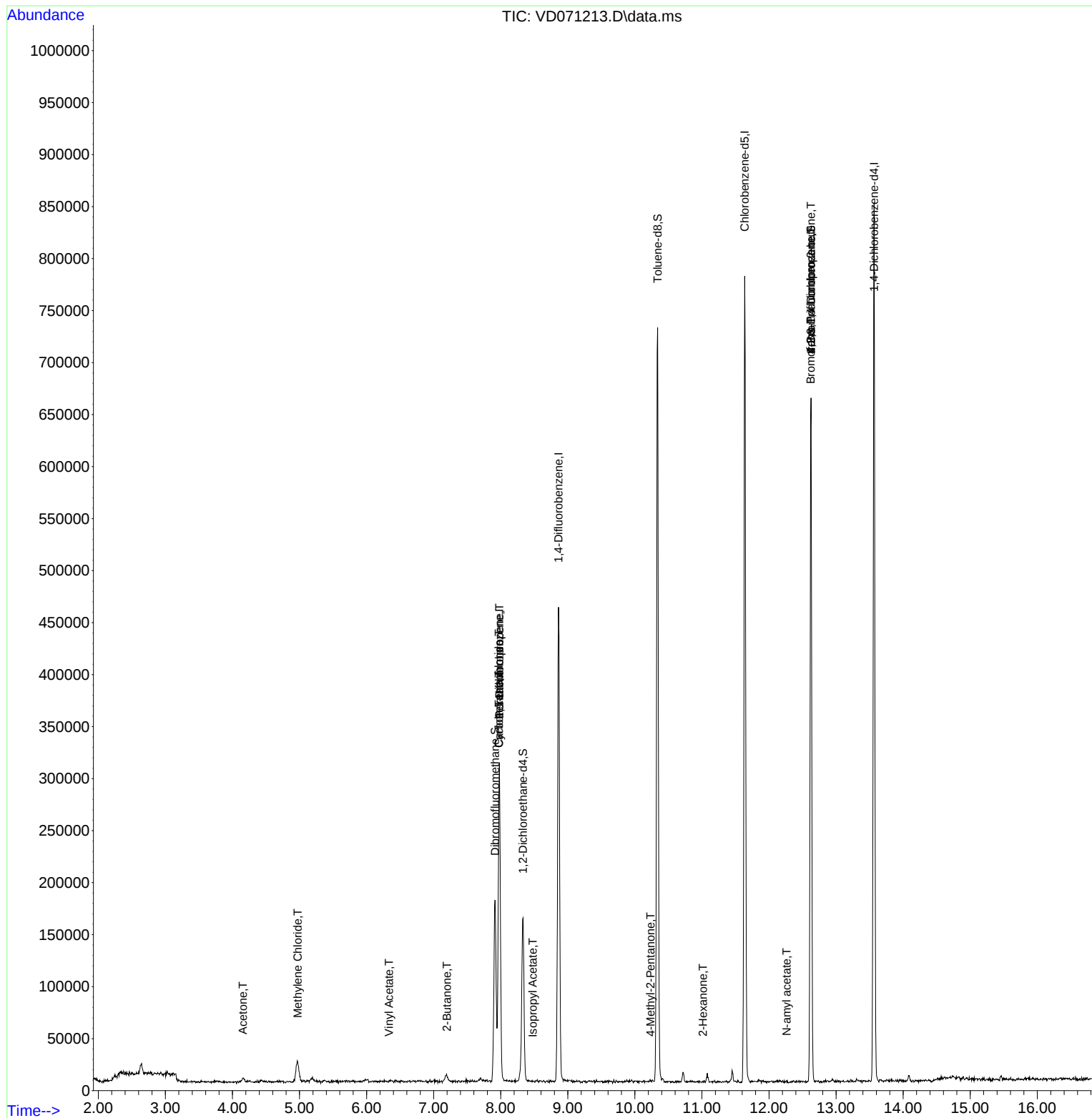
Internal Standards						
1) Pentafluorobenzene	7.979	168	207121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	360519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	408981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	203711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127764	52.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.140%	
35) Dibromofluoromethane	7.914	113	121898	53.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.200%	
50) Toluene-d8	10.338	98	470450	53.849	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.626	95	201595	66.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	3171	Below Cal	#	71
16) Acetone	4.156	43	7105	40.450	ug/l #	77
20) Methylene Chloride	4.973	84	13066	1.256	ug/l #	84
23) Vinyl Acetate	6.332	43	74	27.235	ug/l #	72
25) 2-Butanone	7.197	43	324	28.744	ug/l #	45
31) Cyclohexane	7.973	56	5853	1.416	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	19100	5.668	ug/l #	49
38) Carbon Tetrachloride	7.973	117	21844	6.577	ug/l #	15
41) Methacrylonitrile	7.520	41	61	Below Cal	#	31
43) Isopropyl Acetate	8.479	43	59	5.239	ug/l #	47
51) 4-Methyl-2-Pentanone	10.232	43	471	30.904	ug/l #	34
59) 2-Hexanone	11.014	43	62	34.617	ug/l #	22
71) Bromoform	12.620	173	2307	1.607	ug/l #	1
74) N-amyl acetate	12.261	43	218	5.749	ug/l #	49
76) 1,2,3-Trichloropropane	12.626	75	110741	57.057	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	110741	123.817	ug/l #	18

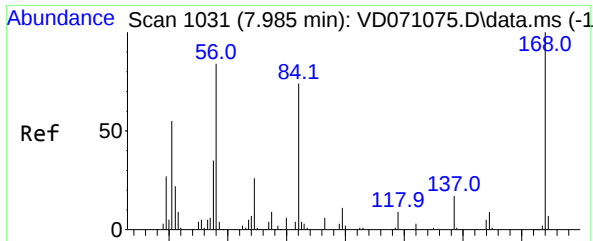
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
Data File : VD071213.D
Acq On : 08 Dec 2021 18:45
Operator : VA/SY
Sample : M4965-04
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

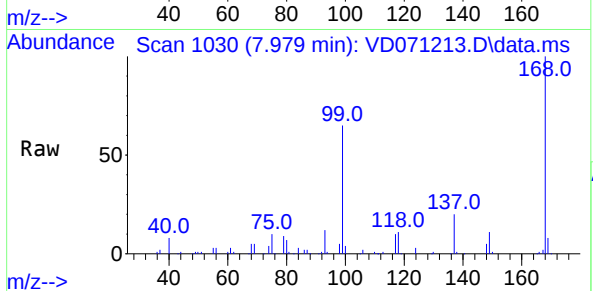
Quant Time: Dec 09 10:19:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



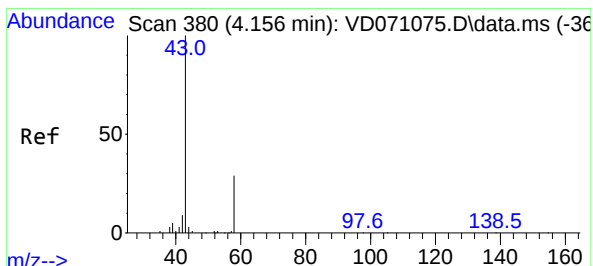
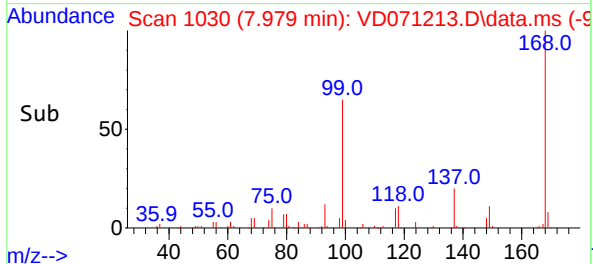
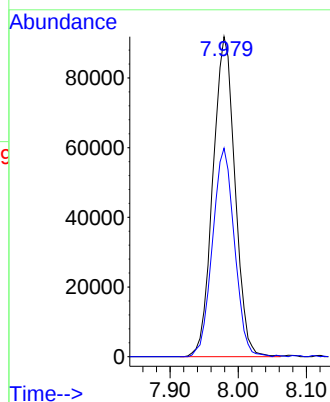


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

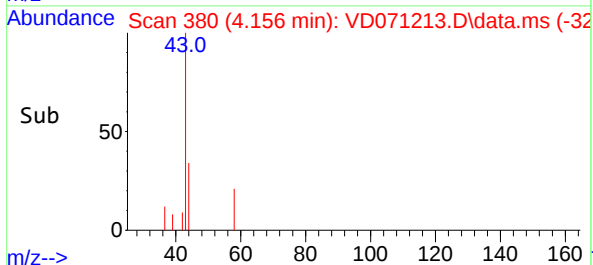
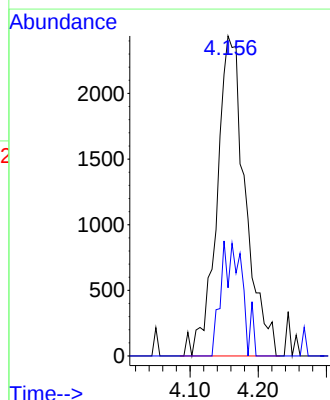
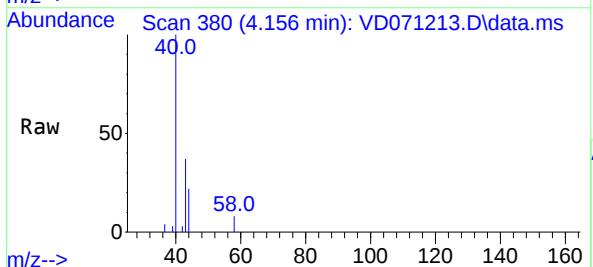


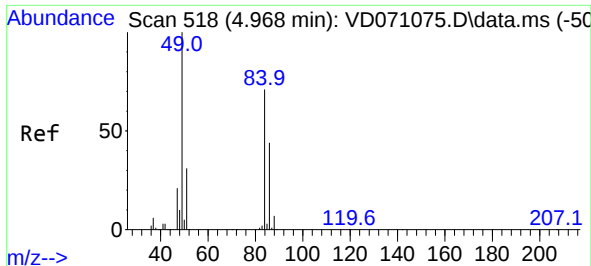
Tgt Ion:168 Resp: 207121
Ion Ratio Lower Upper
168 100
99 65.2 46.6 69.8



#16
Acetone
Concen: 40.450 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

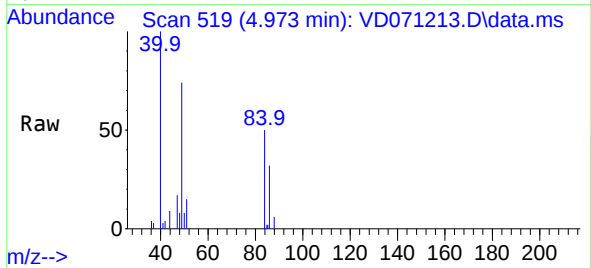
Tgt Ion: 43 Resp: 7105
Ion Ratio Lower Upper
43 100
58 21.3 27.8 41.8#



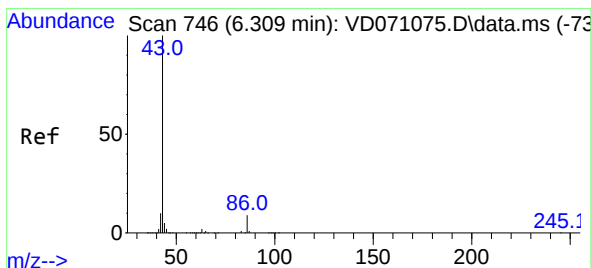
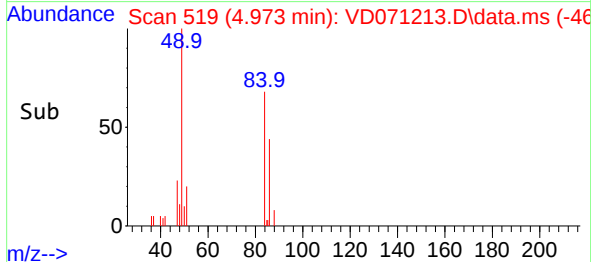
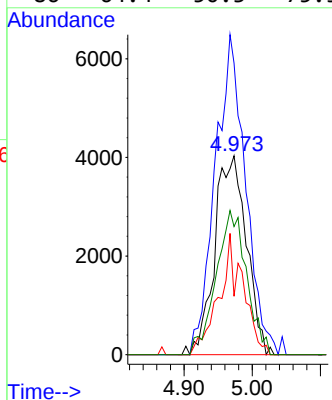


#20
Methylene Chloride
Concen: 1.256 ug/l
RT: 4.973 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

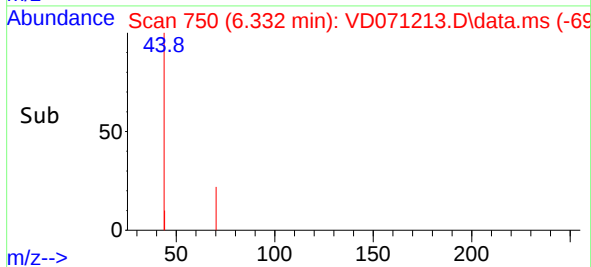
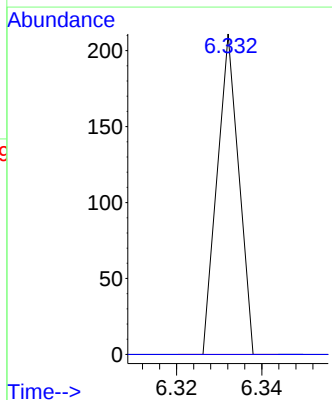
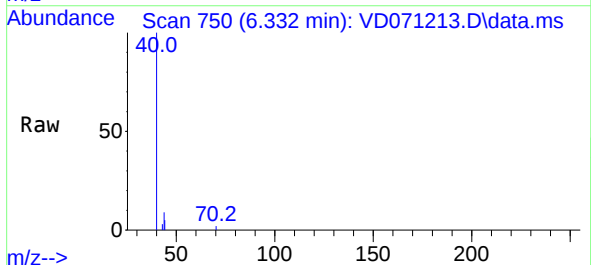


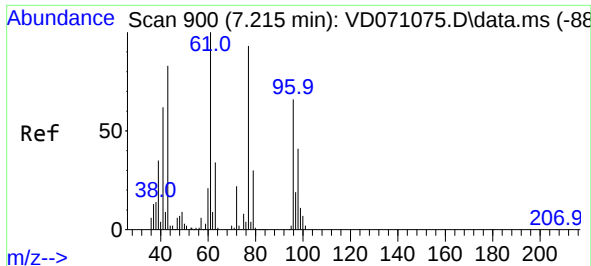
Tgt Ion: 84 Resp: 13066
Ion Ratio Lower Upper
84 100
49 146.5 95.8 143.6#
51 29.4 30.9 46.3#
86 64.4 50.3 75.5



#23
Vinyl Acetate
Concen: 27.235 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.023 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

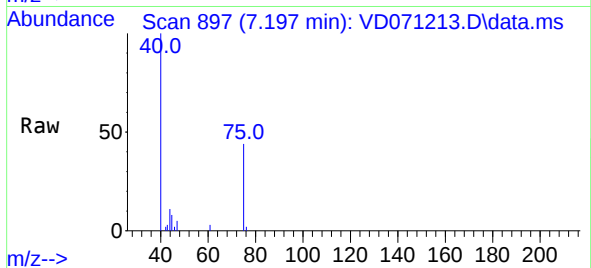
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



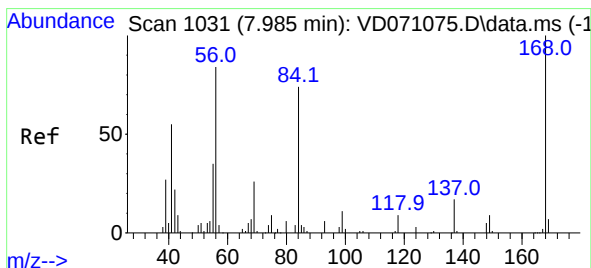
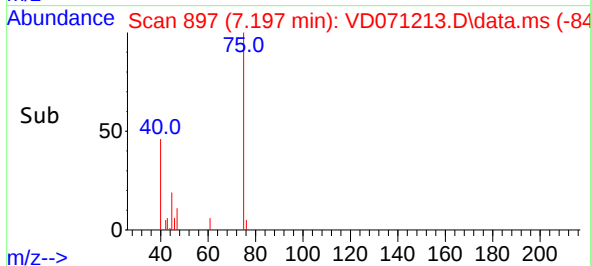
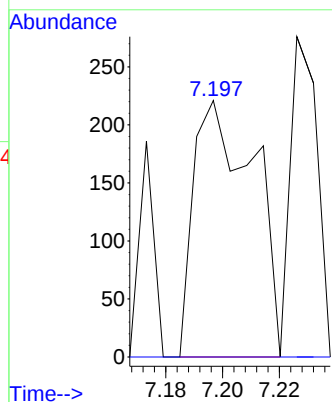


#25
2-Butanone
Concen: 28.744 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

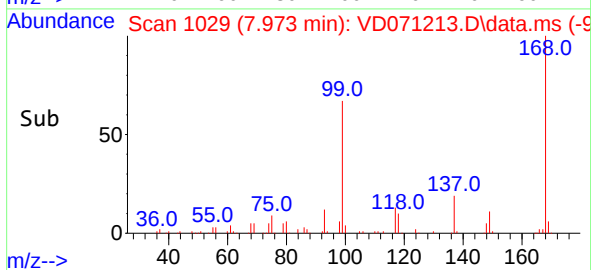
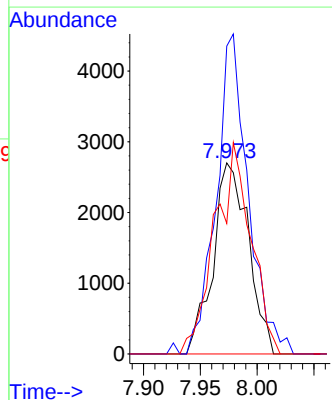
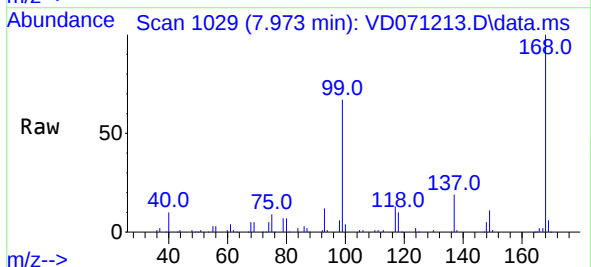


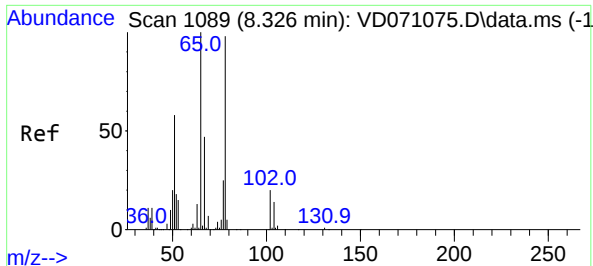
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 56 Resp: 5853
Ion Ratio Lower Upper
56 100
69 161.1 25.9 38.9#
84 68.3 64.3 96.5

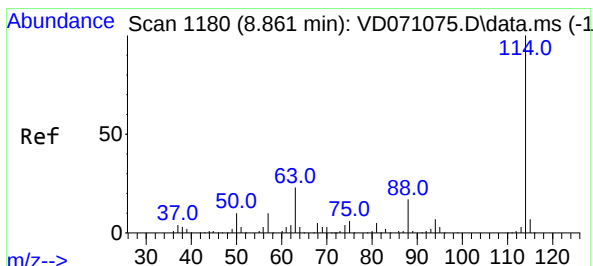
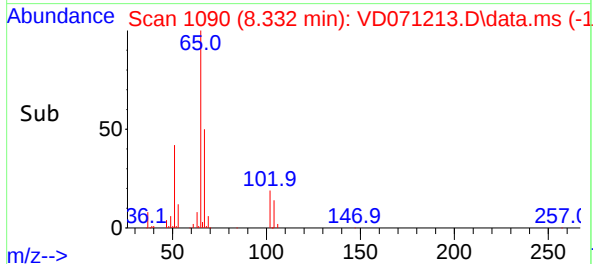
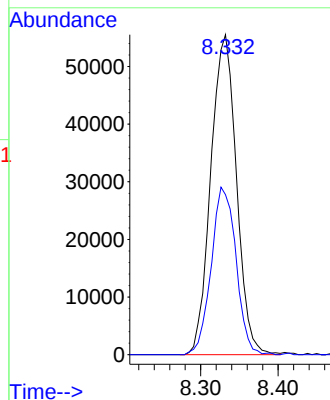
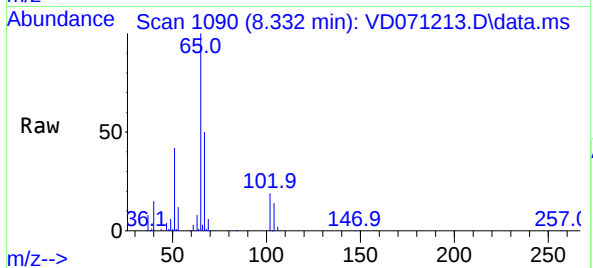




#33
1,2-Dichloroethane-d4
Concen: 52.571 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

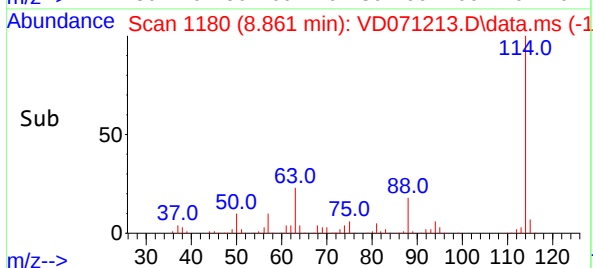
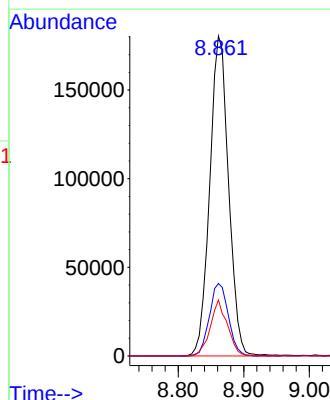
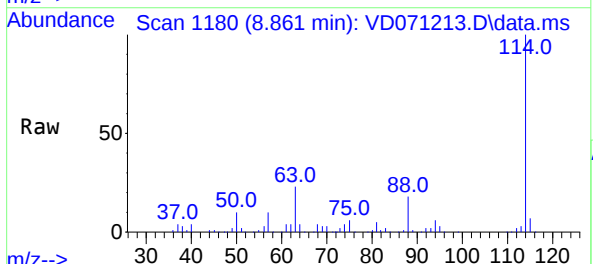
Instrument :
MSVOA_D
ClientSampleId :

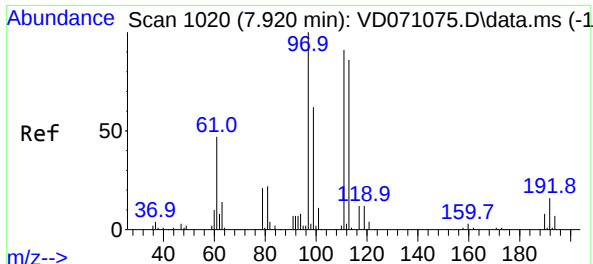
Tgt Ion: 65 Resp: 127764
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

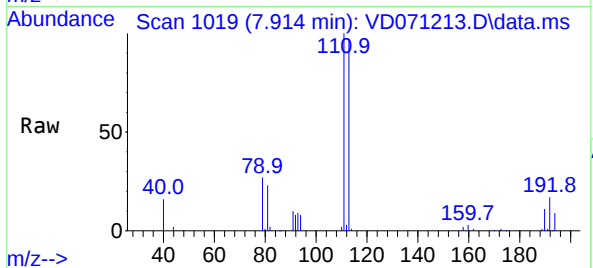
Tgt Ion: 114 Resp: 360519
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 17.5 0.0 32.8



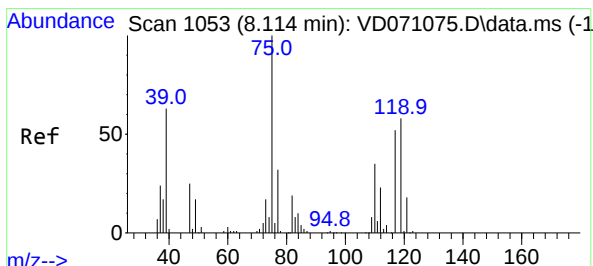
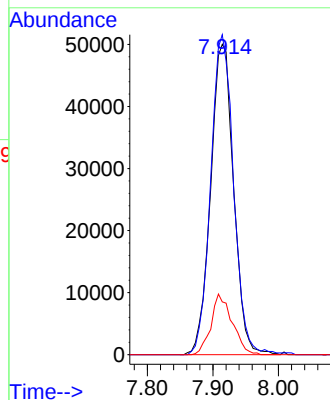
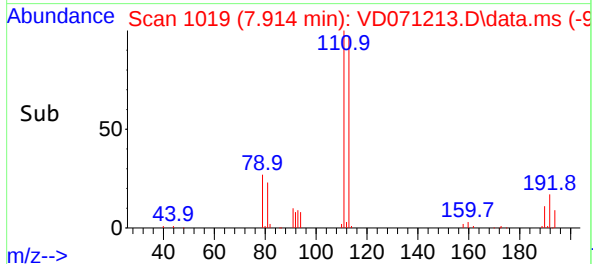


#35
Dibromofluoromethane
Concen: 53.097 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

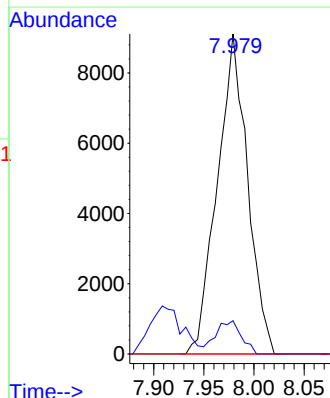
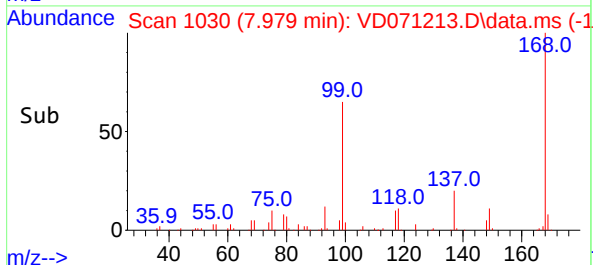
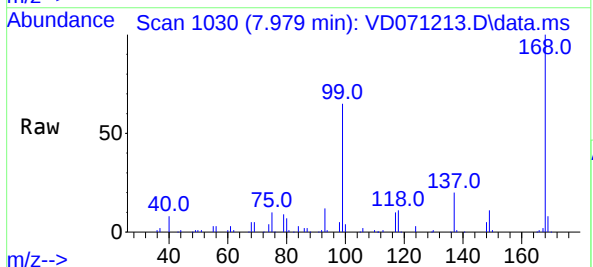


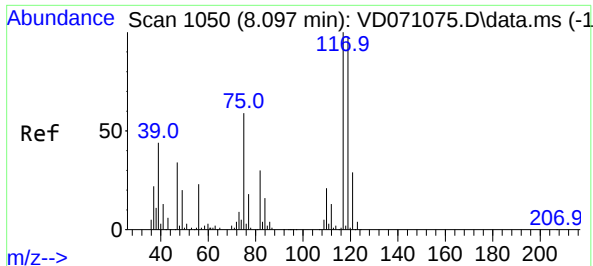
Tgt Ion:113 Resp: 121898
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.668 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

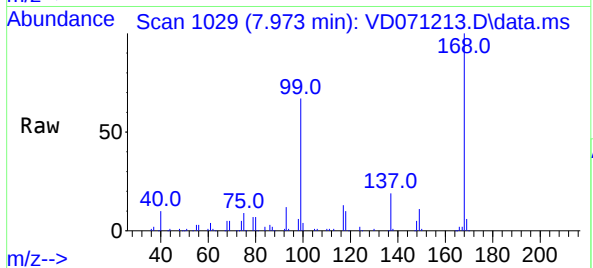
Tgt Ion: 75 Resp: 19100
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.4#
77 0.0 24.8 37.2#



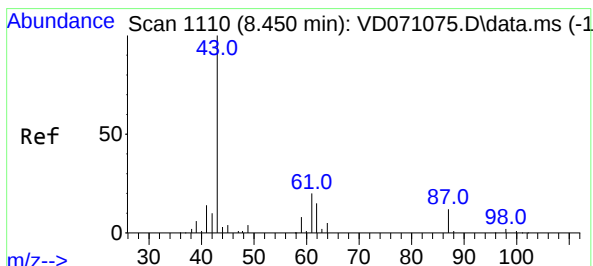
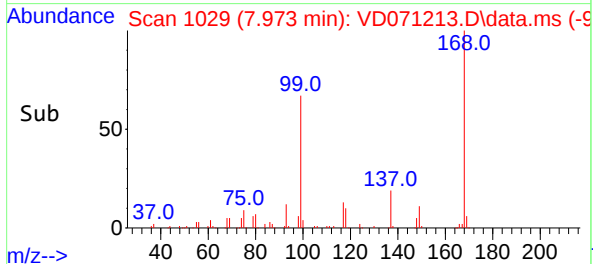
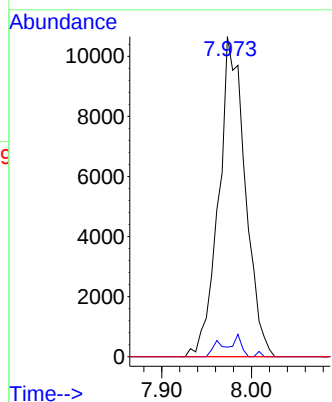


#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 7.973 min Scan# 1105
Delta R.T. -0.124 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

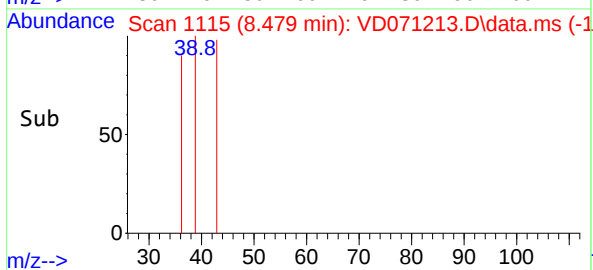
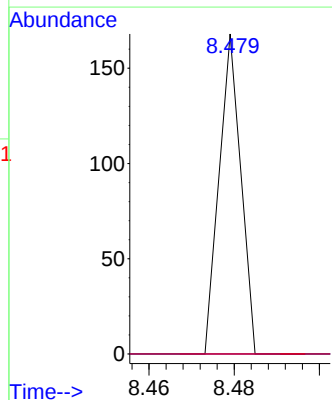
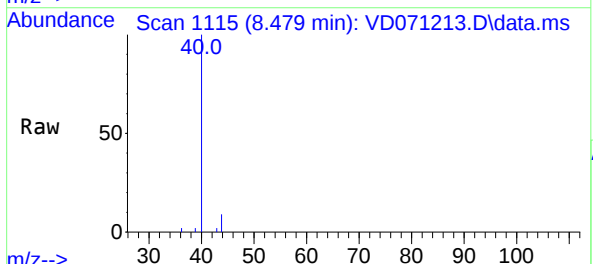


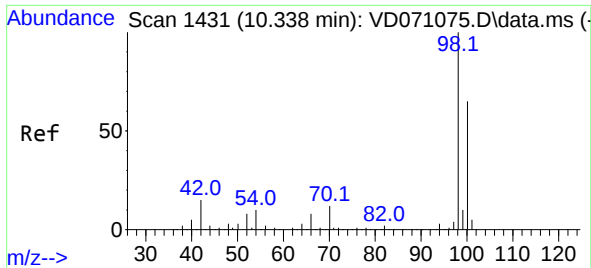
Tgt Ion:117 Resp: 21844
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.239 ug/l
RT: 8.479 min Scan# 1115
Delta R.T. 0.029 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

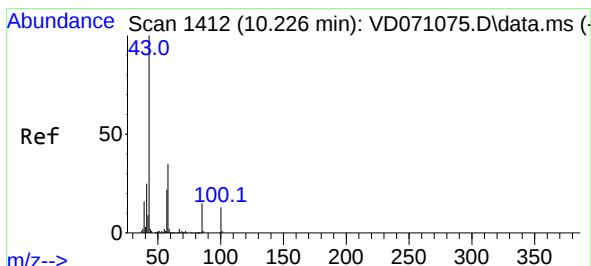
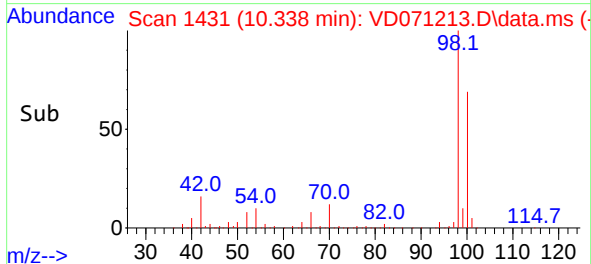
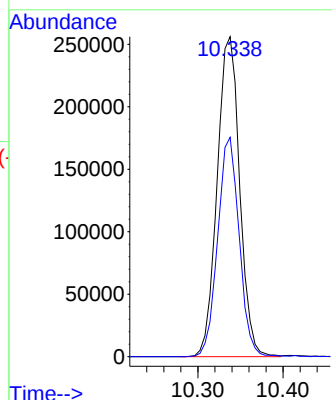
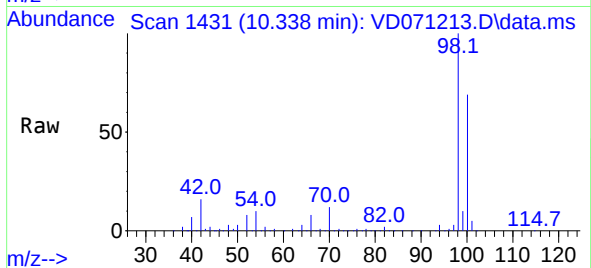




#50
Toluene-d8
Concen: 53.849 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

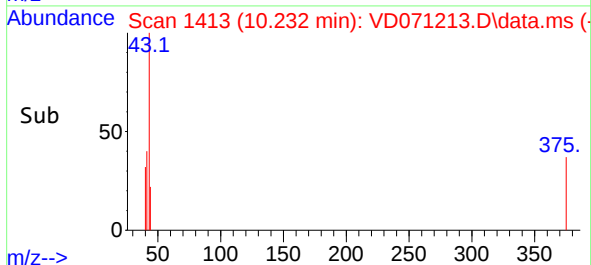
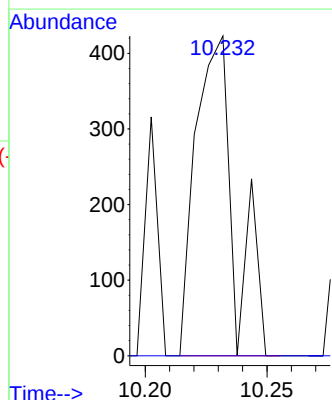
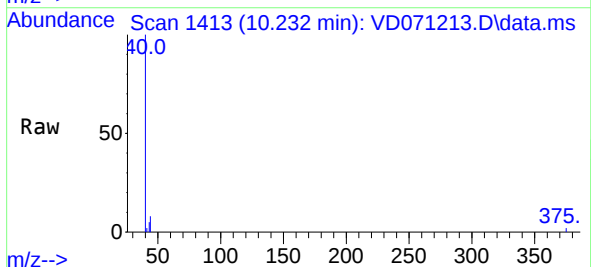
Instrument :
MSVOA_D
ClientSampleId :

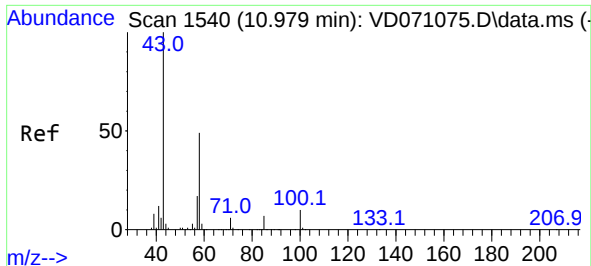
Tgt Ion: 98 Resp: 470450
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 30.904 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

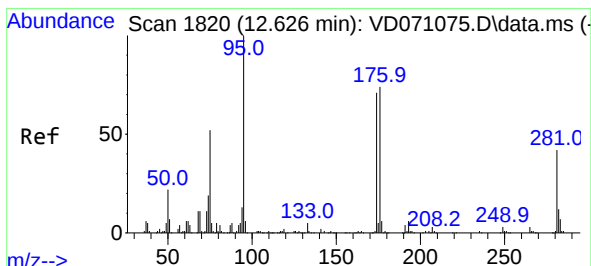
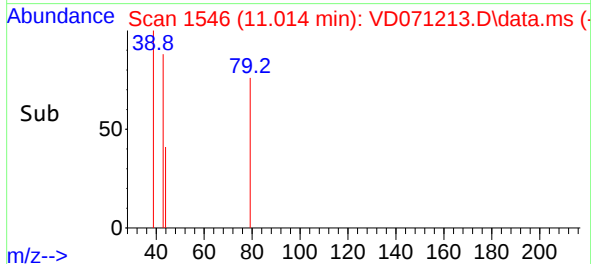
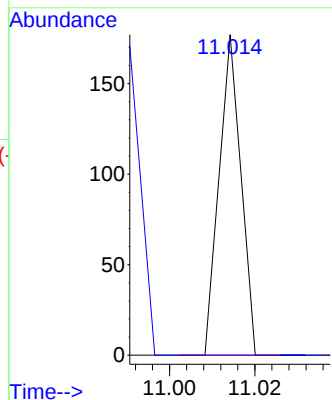
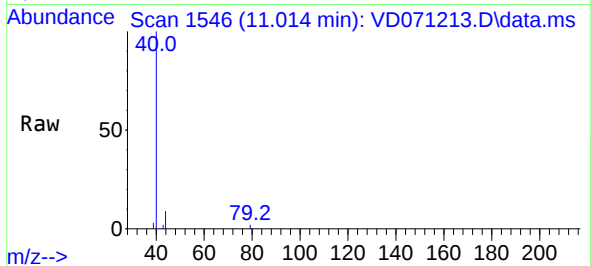




#59
2-Hexanone
Concen: 34.617 ug/l
RT: 11.014 min Scan# 1540
Delta R.T. 0.035 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

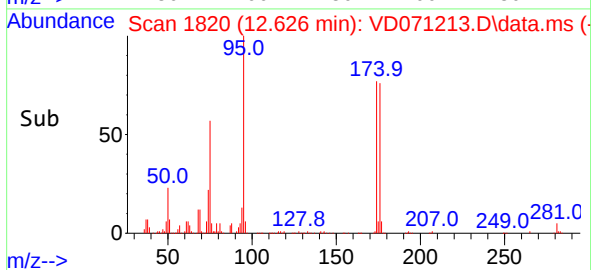
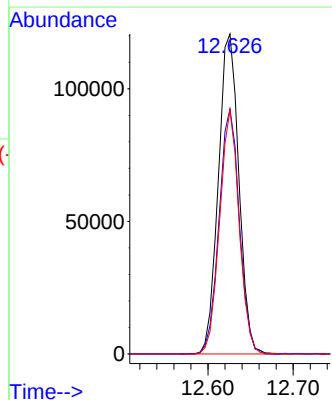
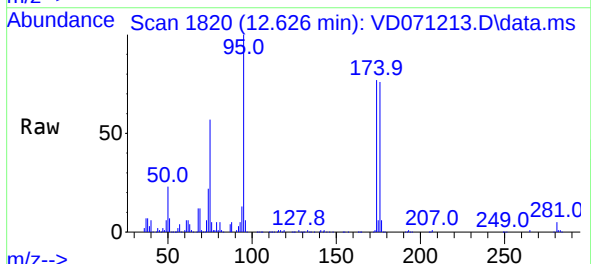
Instrument :
MSVOA_D
ClientSampleId :

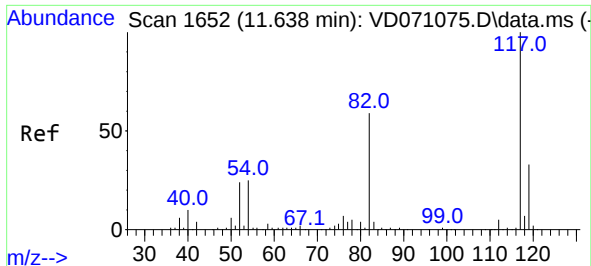
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 66.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 95 Resp: 201595
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.4
176 72.2 0.0 154.0

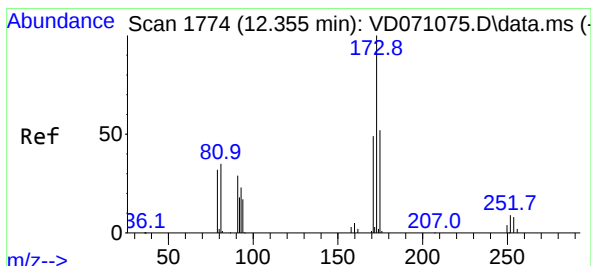
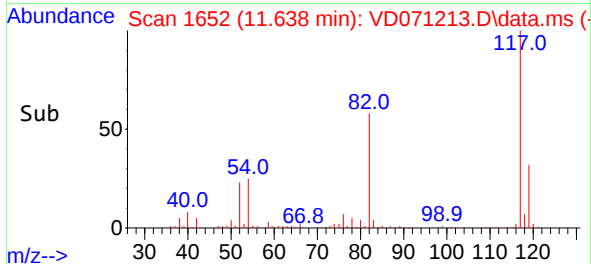
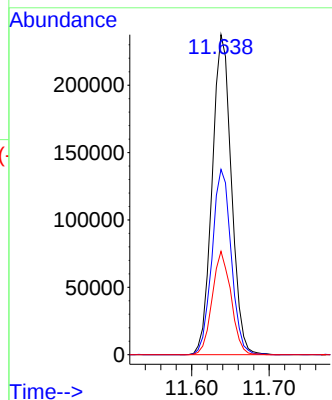
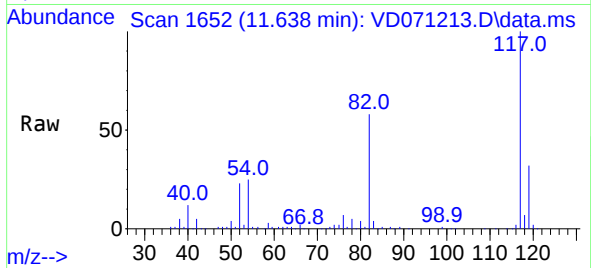




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

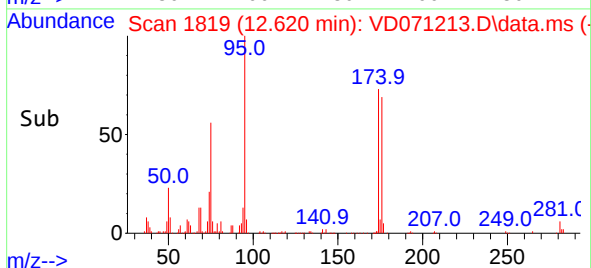
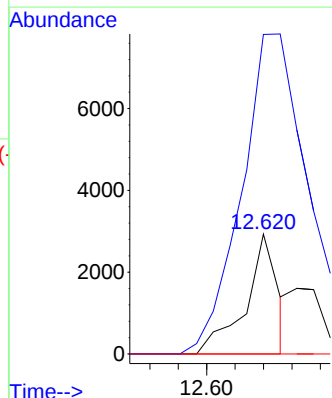
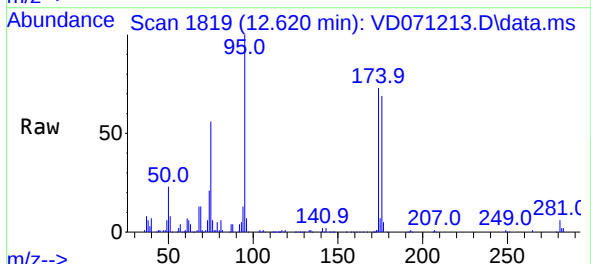
Instrument :
MSVOA_D
ClientSampleId :

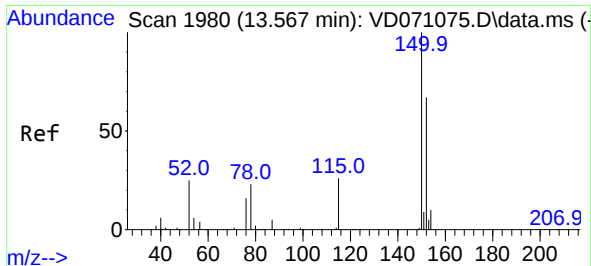
Tgt Ion:117 Resp: 408981
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.3 26.2 39.4



#71
Bromoform
Concen: 1.607 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion:173 Resp: 2307
Ion Ratio Lower Upper
173 100
175 452.4 24.1 72.2#
254 0.0 0.1 0.1#

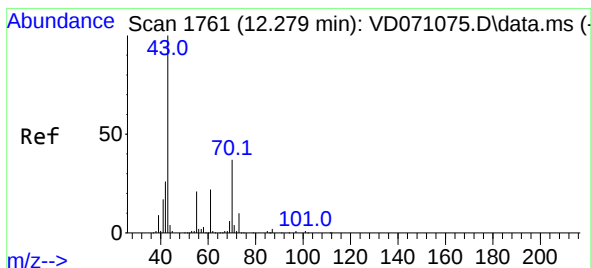
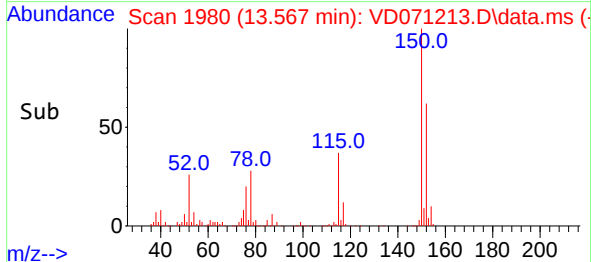
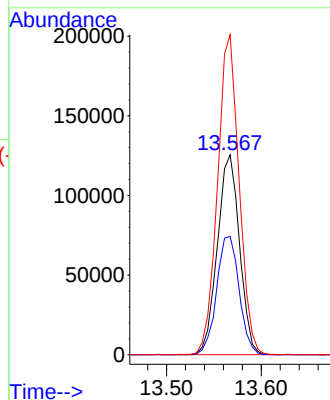
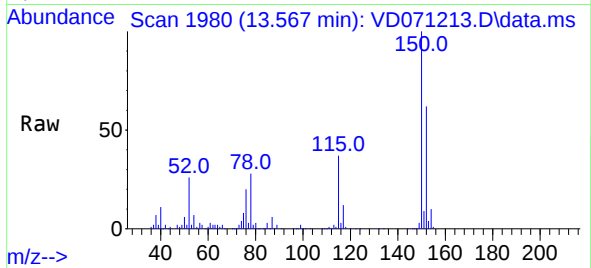




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

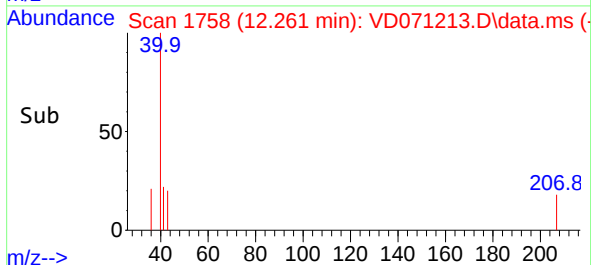
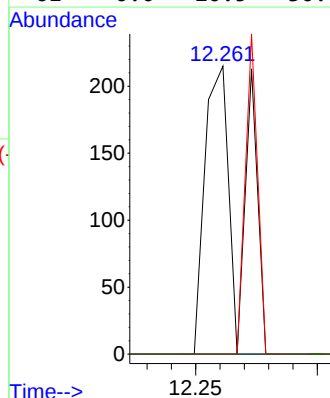
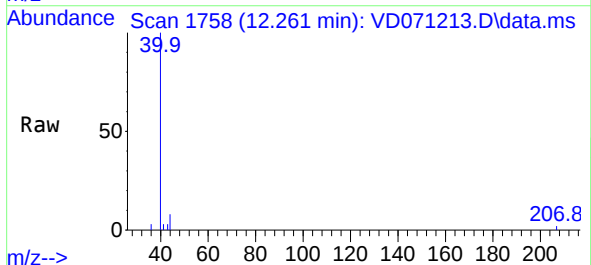
Instrument :
MSVOA_D
ClientSampleId :

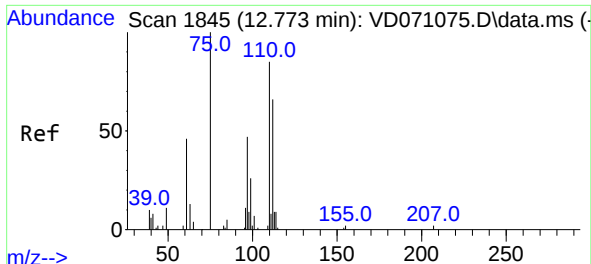
Tgt Ion:152 Resp: 203711
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 155.9 0.0 349.2



#74
N-ethyl acetate
Concen: 5.749 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 38.5 22.5 33.7#
61 0.0 20.5 30.7#

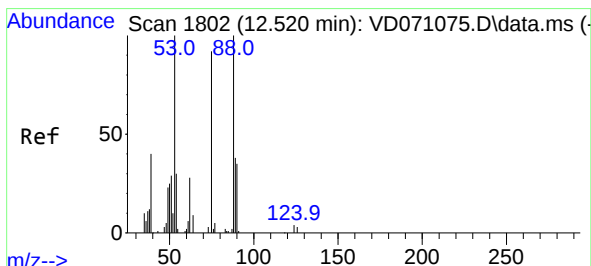
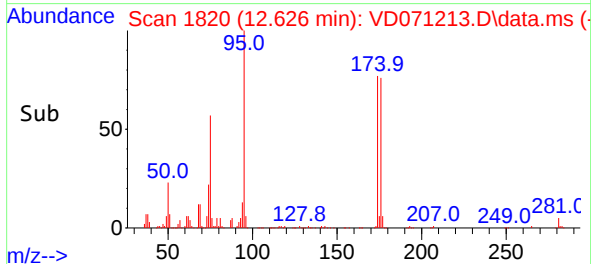
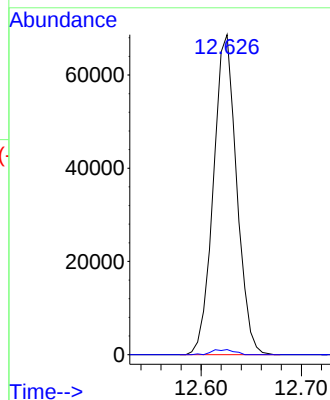
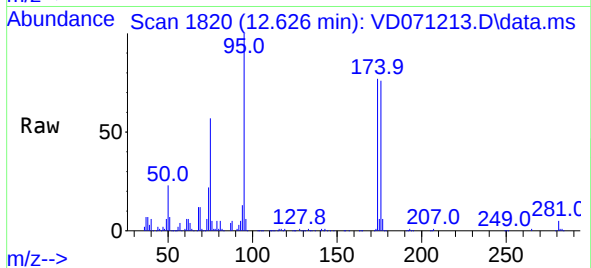




#76
1,2,3-Trichloropropane
Concen: 57.057 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 110741
Ion Ratio Lower Upper
75 100
77 1.6 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.817 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071213.D
Acq: 08 Dec 2021 18:45

Tgt Ion: 75 Resp: 110741
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 34.5 51.7#

