

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071943.D
 Acq On : 11 Feb 2022 18:15
 Operator : VA/SY
 Sample : N1494-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 12 00:00:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

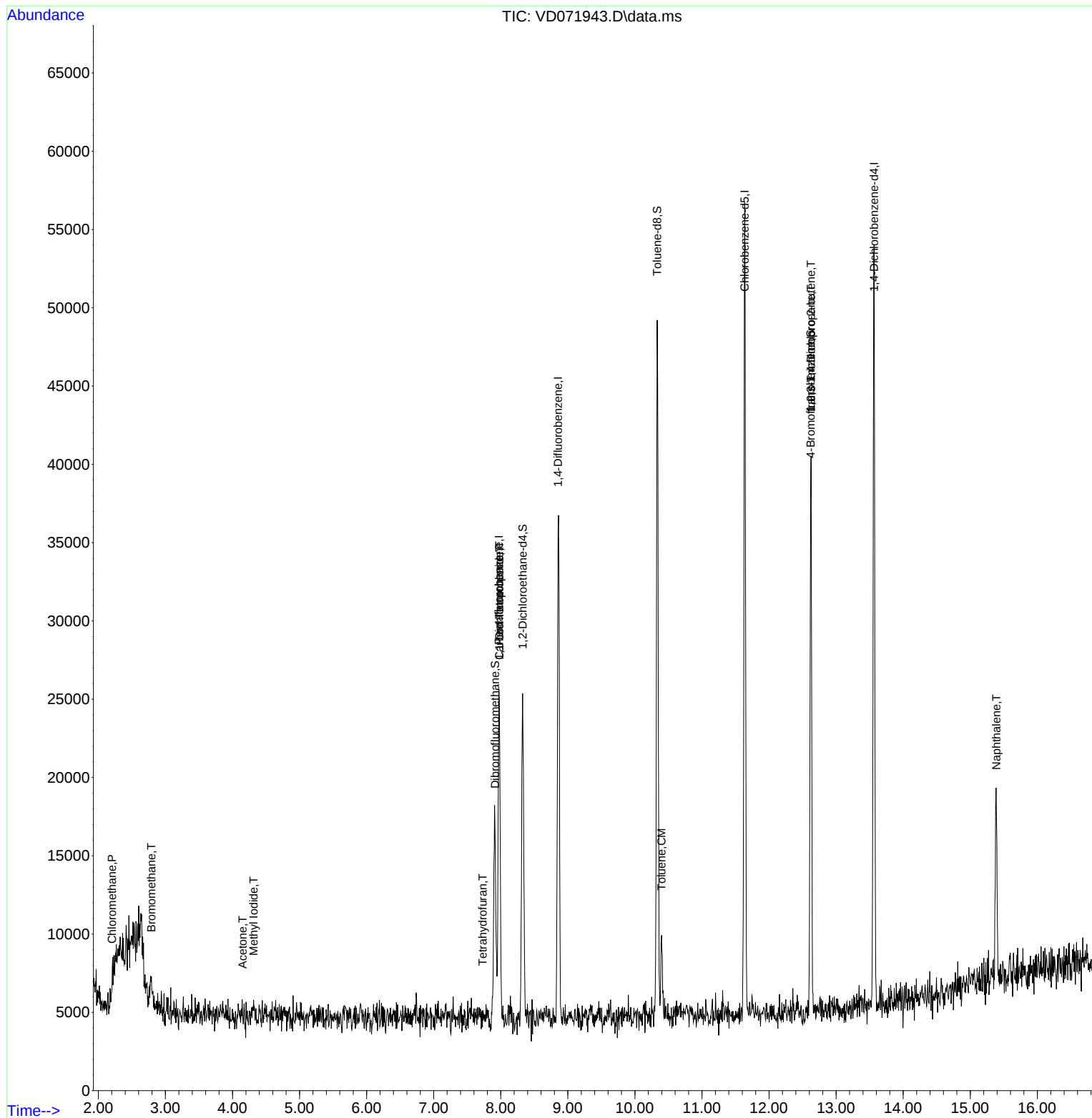
Internal Standards						
1) Pentafluorobenzene	7.973	168	13909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	24933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	11206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15191	86.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.820%#	
35) Dibromofluoromethane	7.914	113	9648	58.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.740%	
50) Toluene-d8	10.332	98	29910	48.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.740%	
62) 4-Bromofluorobenzene	12.620	95	11292	52.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	642	3.251	ug/l #	40
5) Bromomethane	2.791	94	1119	8.203	ug/l #	62
10) Methyl Iodide	4.314	142	302	1.762	ug/l #	81
16) Acetone	4.150	43	307	6.379	ug/l #	47
29) Tetrahydrofuran	7.732	42	55	1.657	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	1631	5.798	ug/l #	43
38) Carbon Tetrachloride	7.979	117	1486	5.342	ug/l #	13
52) Toluene	10.397	92	2078	4.401	ug/l	97
76) 1,2,3-Trichloropropane	12.626	75	6699	56.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	6699	139.472	ug/l #	7
95) Naphthalene	15.390	128	10585	27.855	ug/l #	95

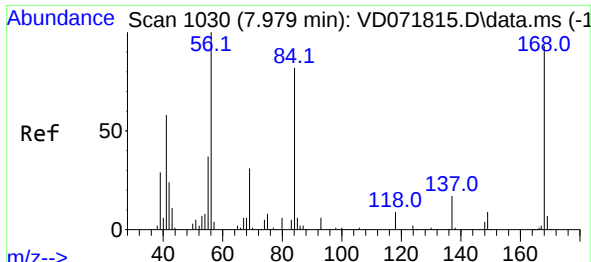
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
Data File : VD071943.D
Acq On : 11 Feb 2022 18:15
Operator : VA/SY
Sample : N1494-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

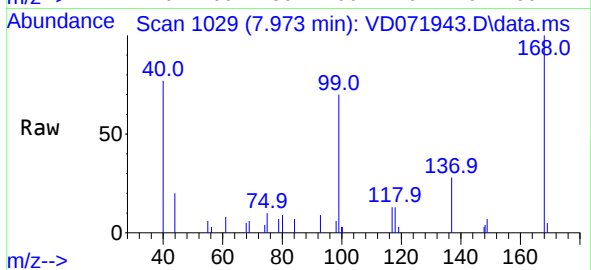
Quant Time: Feb 12 00:00:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



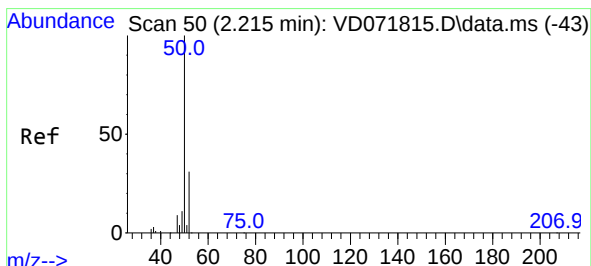
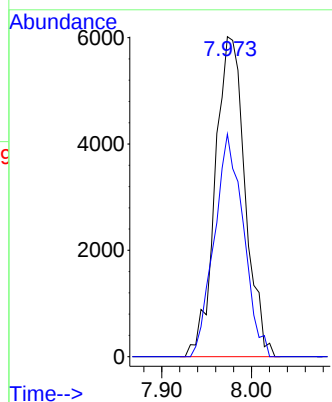
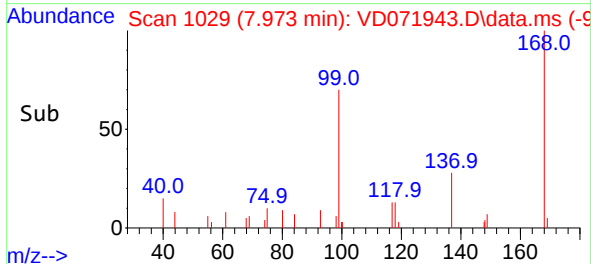


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :

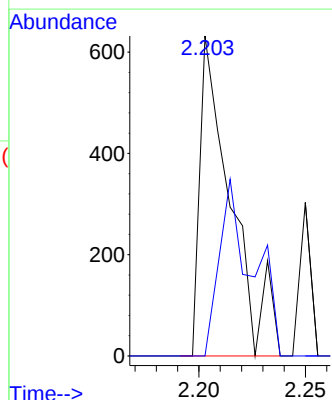
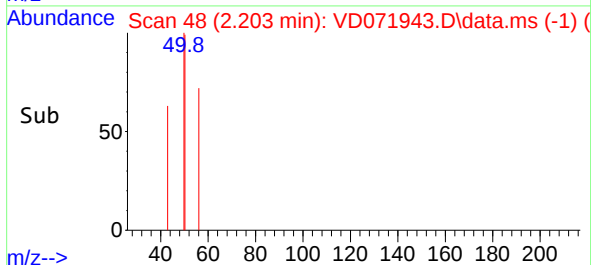
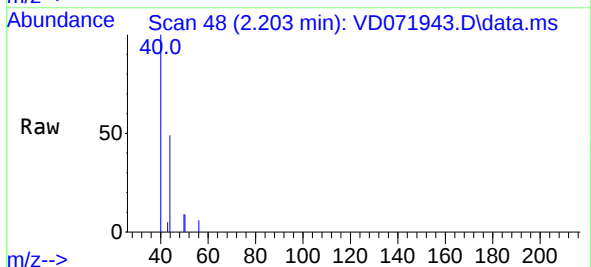


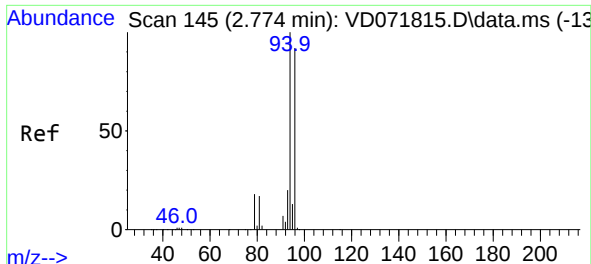
Tgt Ion:168 Resp: 13909
Ion Ratio Lower Upper
168 100
99 69.6 49.8 74.6



#3
Chloromethane
Concen: 3.251 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.012 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

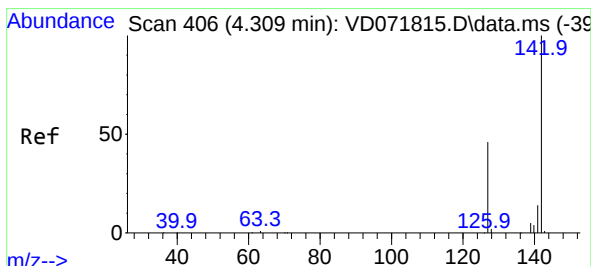
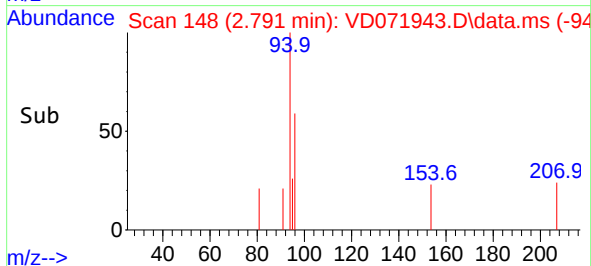
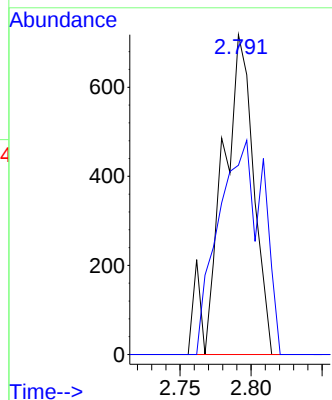
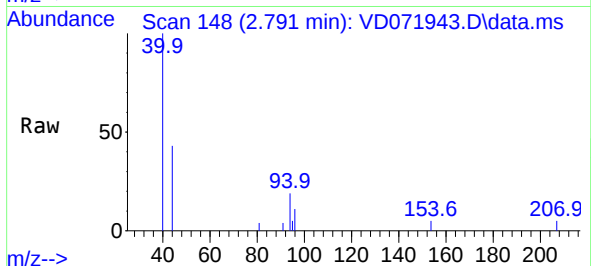




#5
Bromomethane
Concen: 8.203 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.018 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

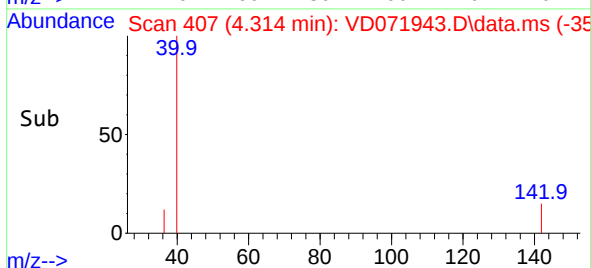
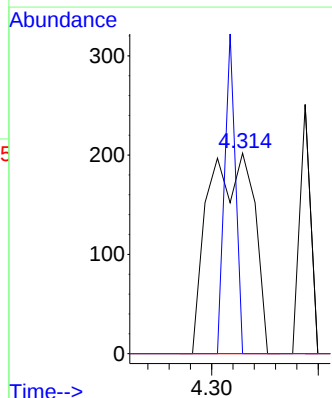
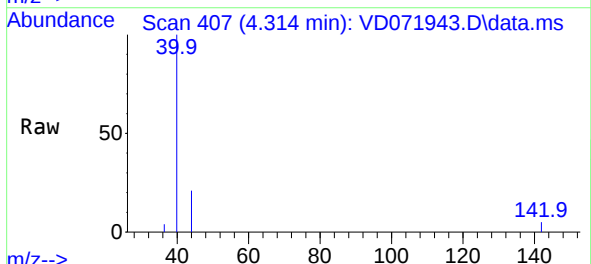
Instrument :
MSVOA_D
ClientSampleId :

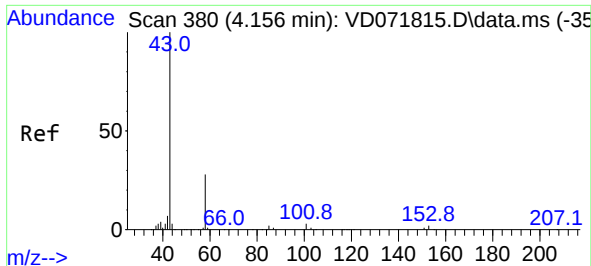
Tgt Ion: 94 Resp: 1119
Ion Ratio Lower Upper
94 100
96 59.2 77.6 116.4#



#10
Methyl Iodide
Concen: 1.762 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Tgt Ion:142 Resp: 302
Ion Ratio Lower Upper
142 100
127 37.7 37.3 55.9
141 0.0 11.7 17.5#

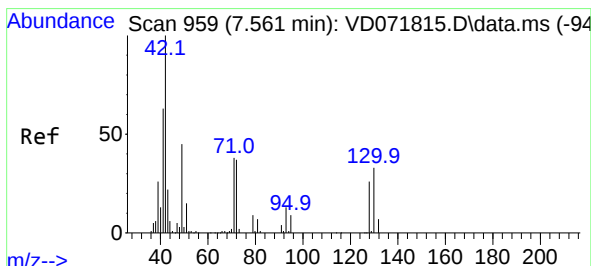
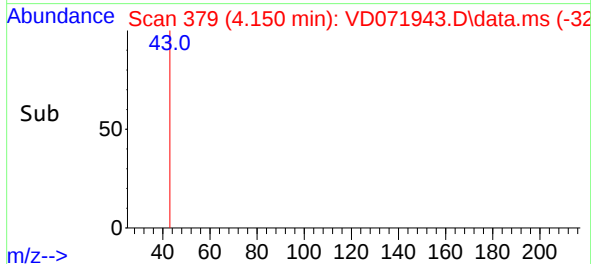
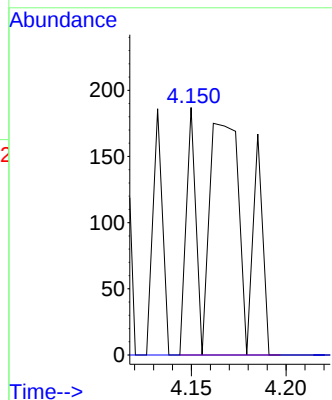
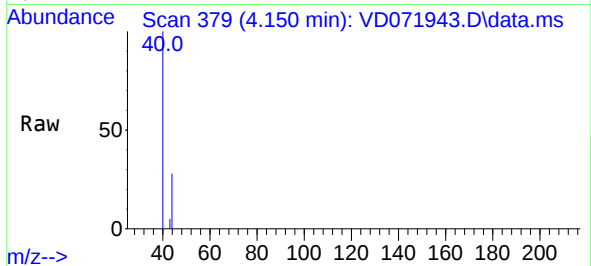




#16
Acetone
Concen: 6.379 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

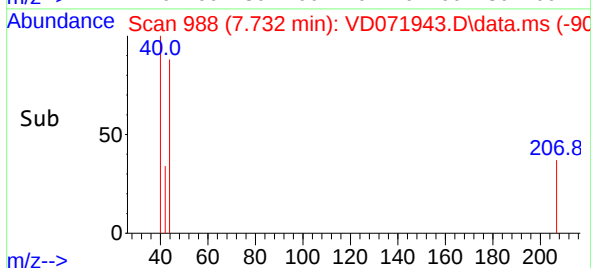
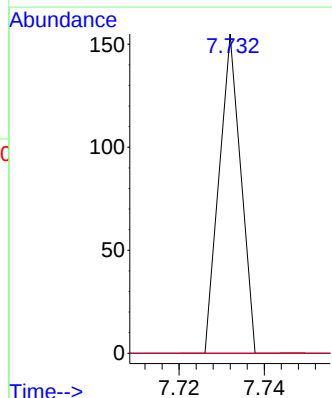
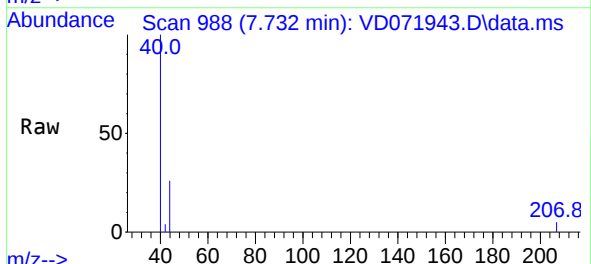
Instrument :
MSVOA_D
ClientSampleId :

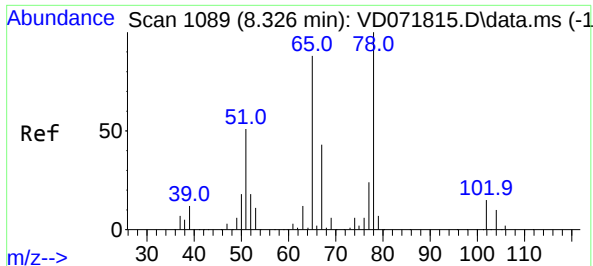
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#29
Tetrahydrofuran
Concen: 1.657 ug/l
RT: 7.732 min Scan# 988
Delta R.T. 0.171 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

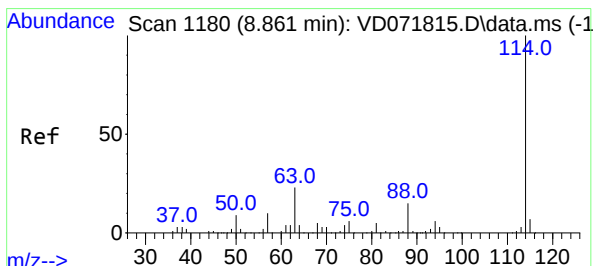
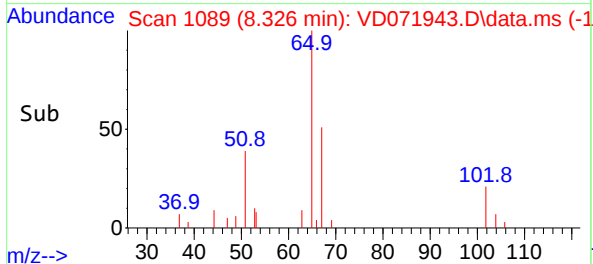
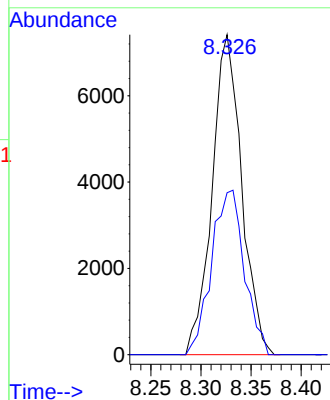
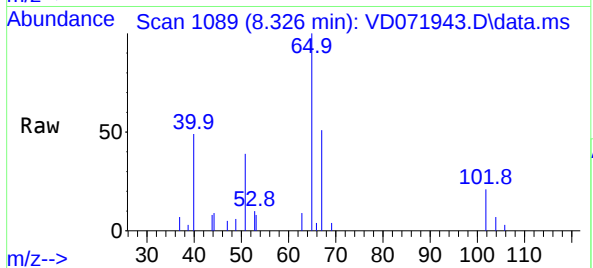




#33
1,2-Dichloroethane-d4
Concen: 86.409 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

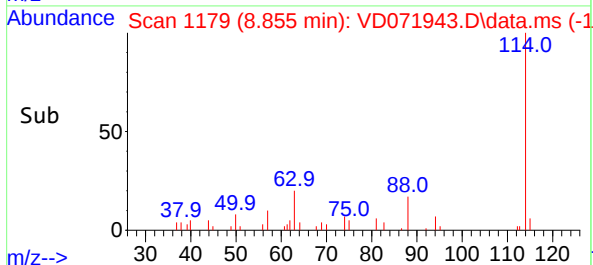
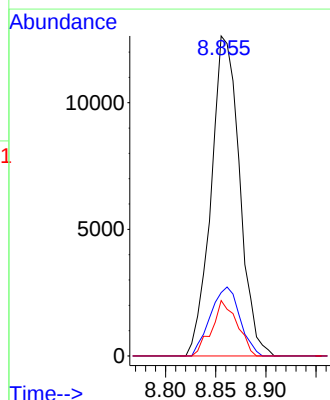
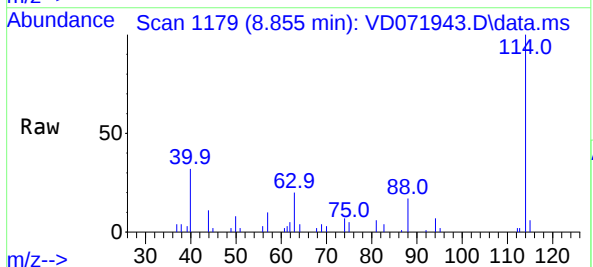
Instrument :
MSVOA_D
ClientSampleId :

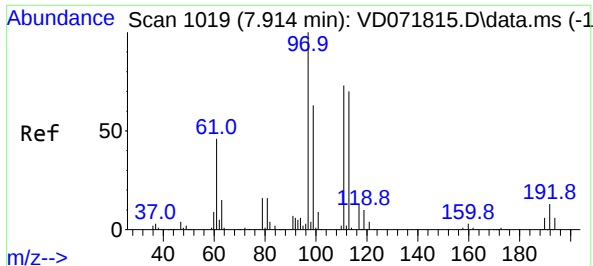
Tgt Ion: 65 Resp: 15191
Ion Ratio Lower Upper
65 100
67 57.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

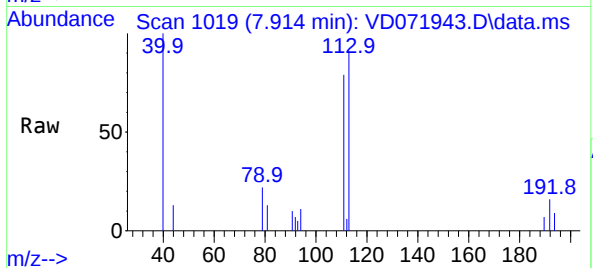
Tgt Ion: 114 Resp: 24933
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 17.3 0.0 33.2



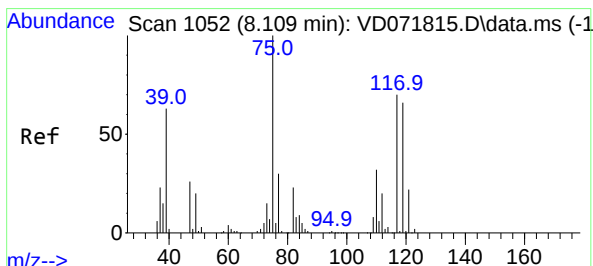
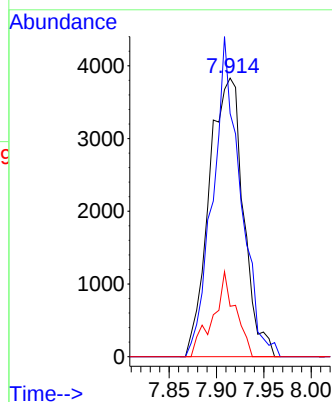
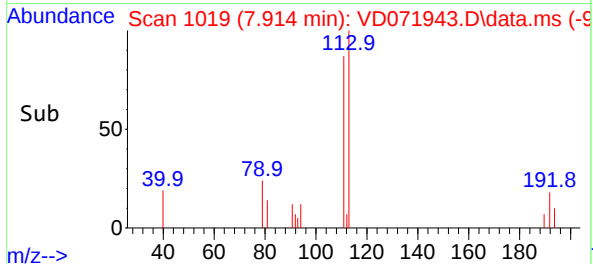


#35
Dibromofluoromethane
Concen: 58.868 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

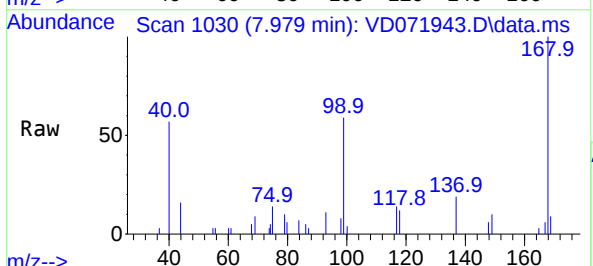
Instrument :
MSVOA_D
ClientSampleId :



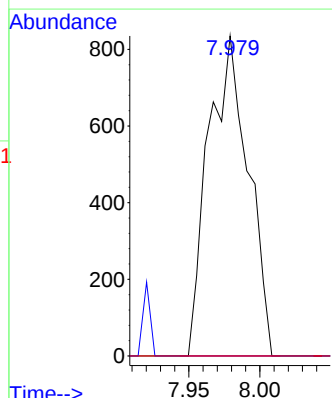
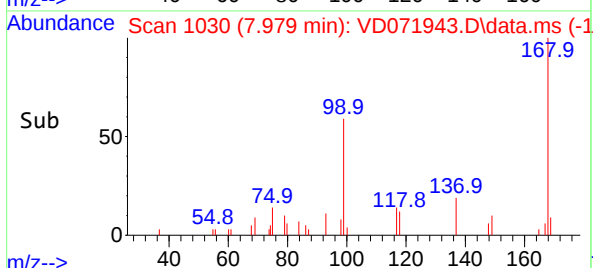
Tgt Ion:113 Resp: 9648
Ion Ratio Lower Upper
113 100
111 92.5 83.8 125.6
192 20.1 14.6 21.8

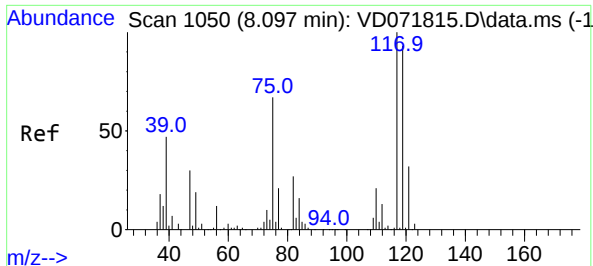


#36
1,1-Dichloropropene
Concen: 5.798 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15



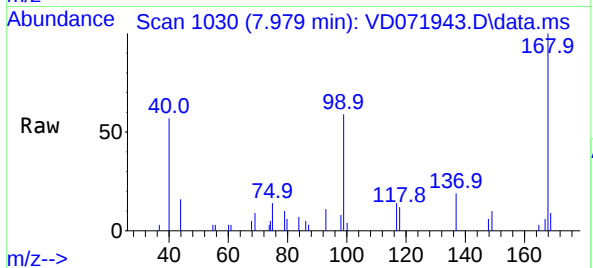
Tgt Ion: 75 Resp: 1631
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



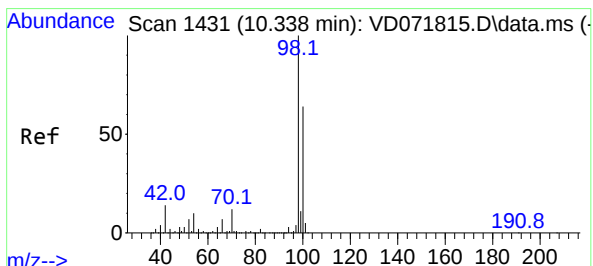
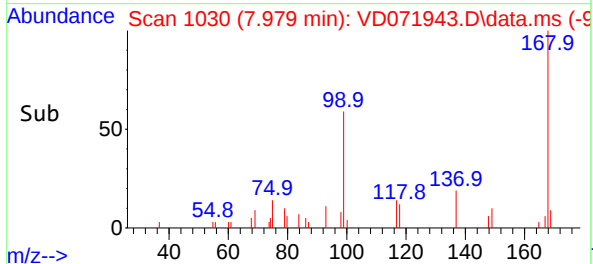
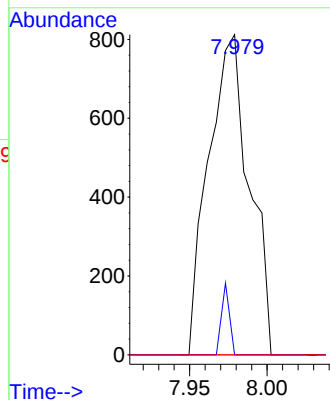


#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :

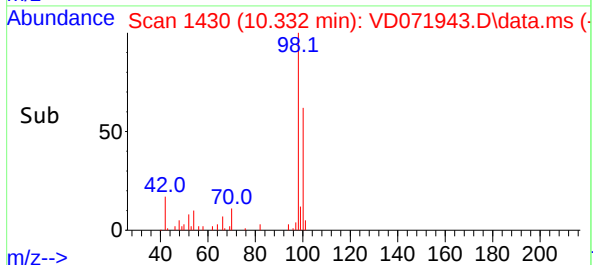
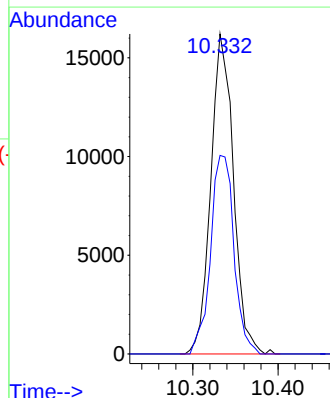
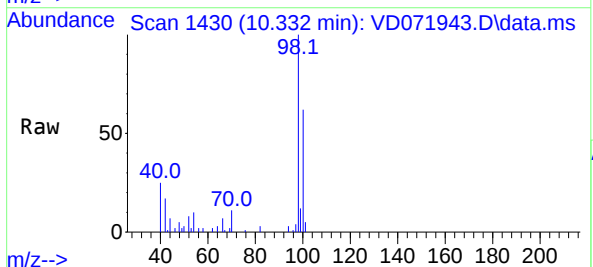


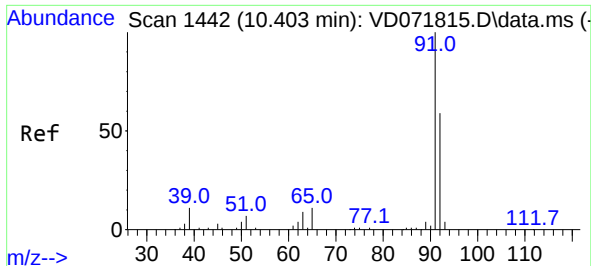
Tgt Ion:117 Resp: 1486
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.866 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Tgt Ion: 98 Resp: 29910
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

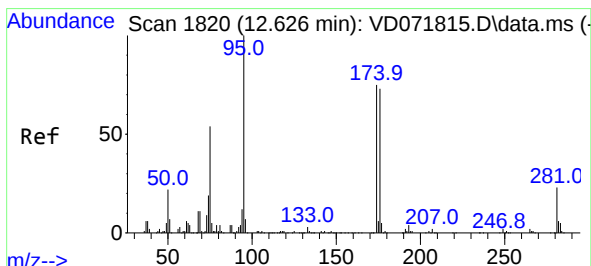
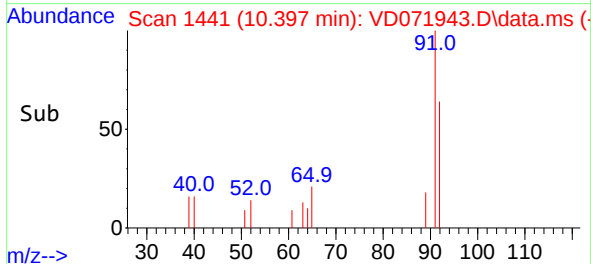
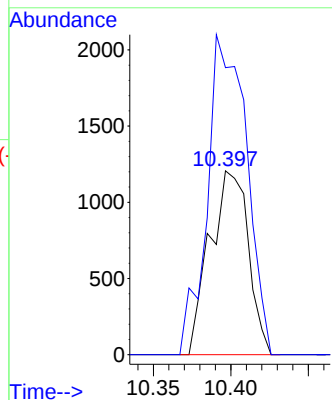
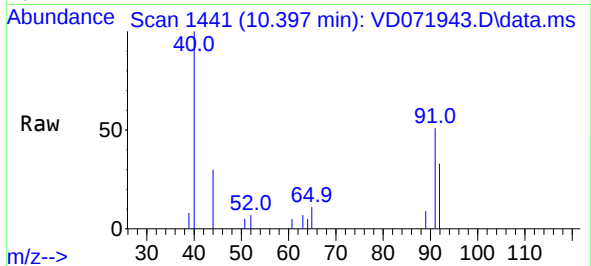




#52
Toluene
Concen: 4.401 ug/l
RT: 10.397 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

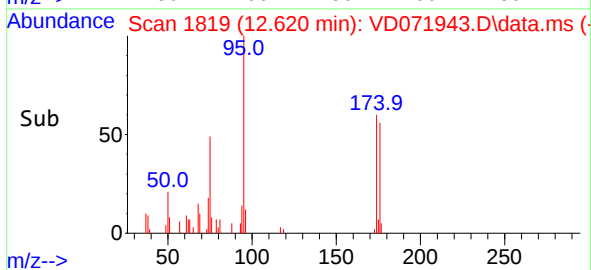
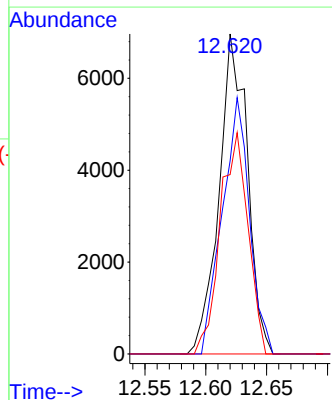
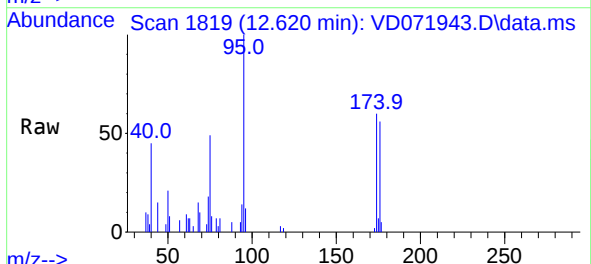
Instrument :
MSVOA_D
ClientSampleId :

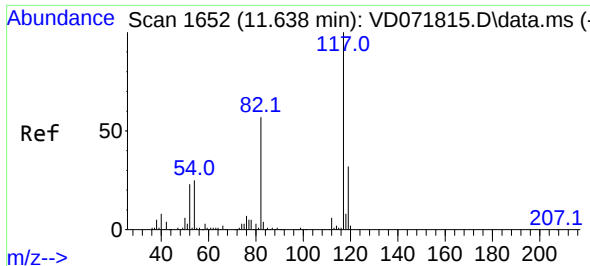
Tgt Ion: 92 Resp: 2078
Ion Ratio Lower Upper
92 100
91 178.0 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 52.829 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

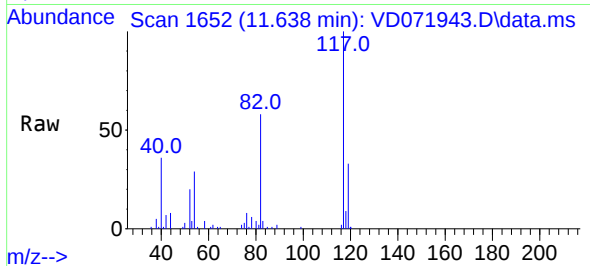
Tgt Ion: 95 Resp: 11292
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 68.0 0.0 145.4



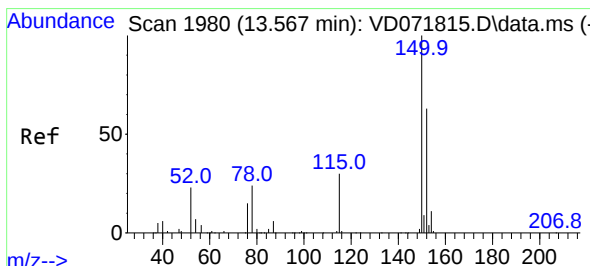
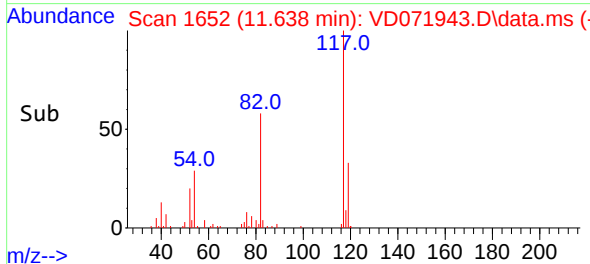
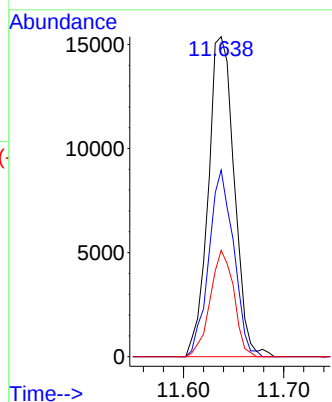


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :

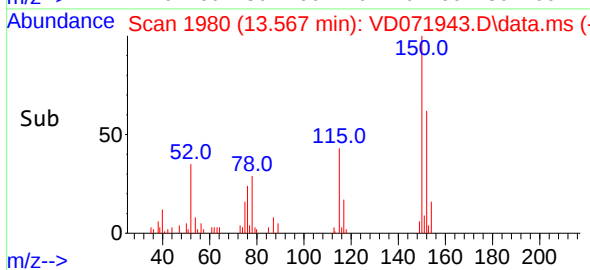
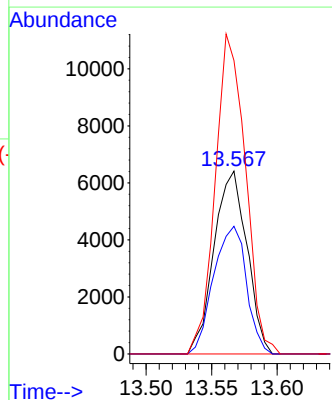
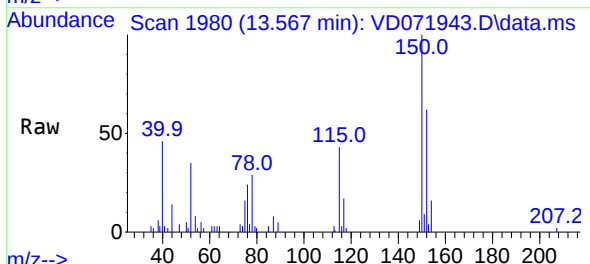


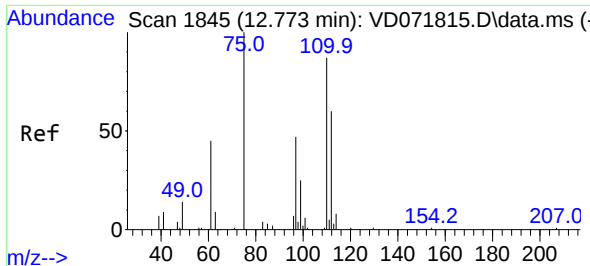
Tgt Ion:	117	Resp:	27729
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.3	67.9
119	33.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Tgt Ion:	152	Resp:	11206
Ion Ratio	Lower	Upper	
152	100		
115	69.6	31.3	93.8
150	160.2	0.0	348.6

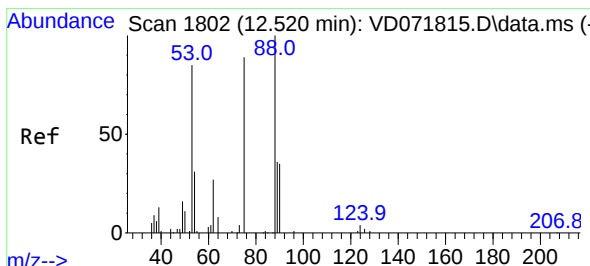
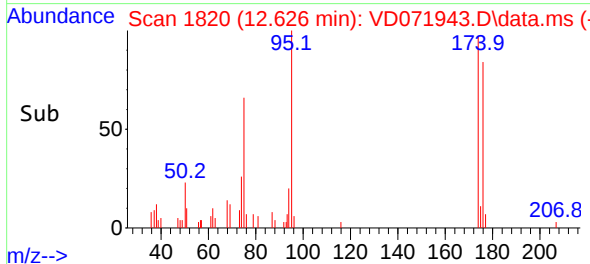
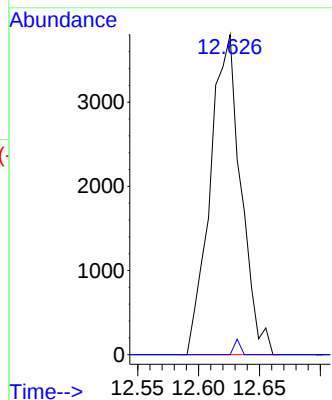
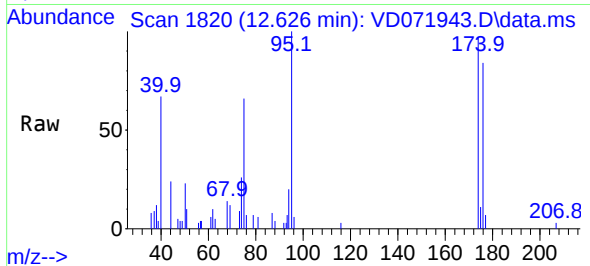




#76
1,2,3-Trichloropropane
Concen: 56.724 ug/l
RT: 12.626 min Scan# 1845
Delta R.T. -0.147 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

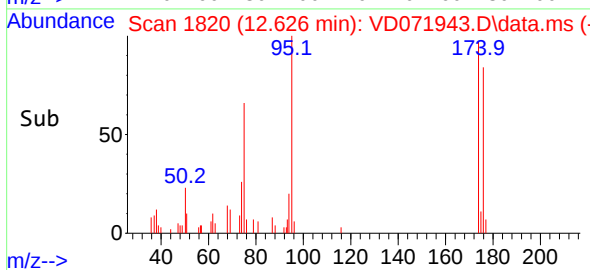
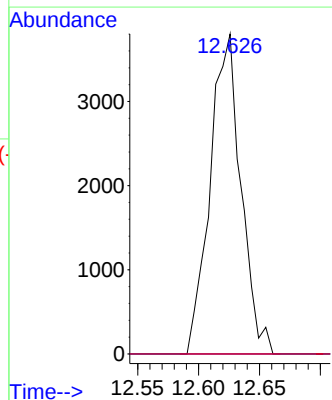
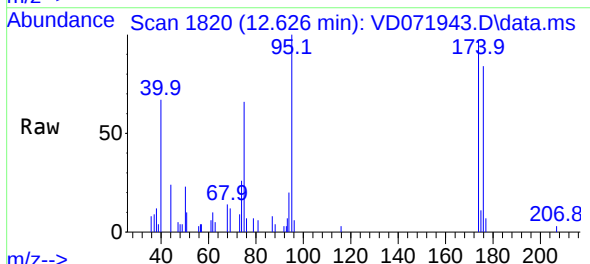
Instrument :
MSVOA_D
ClientSampleId :

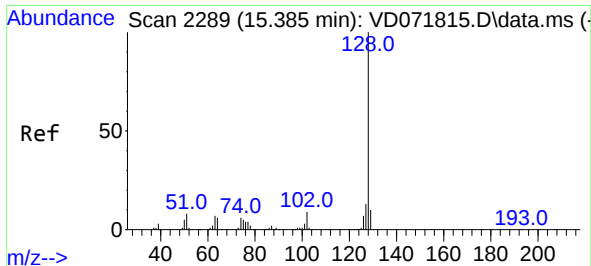
Tgt Ion: 75 Resp: 6699
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.472 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

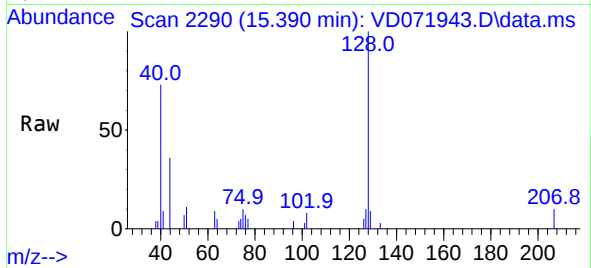
Tgt Ion: 75 Resp: 6699
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 27.855 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071943.D
Acq: 11 Feb 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	7.3	8.4	12.6

