

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070561.D
 Acq On : 04 Oct 2021 19:59
 Operator : VA/SY
 Sample : M4037-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100121RE

Quant Time: Oct 05 05:02:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

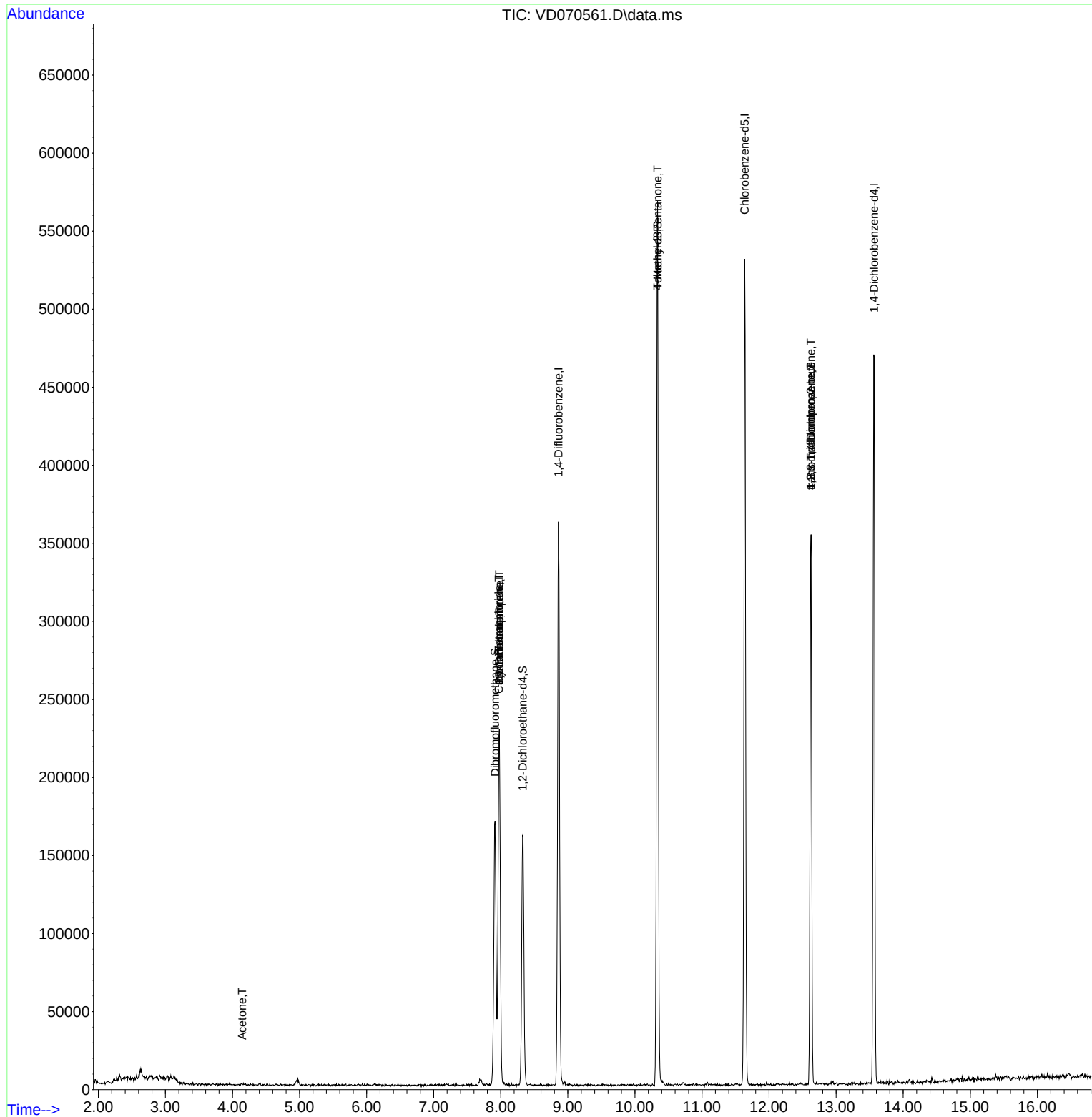
Internal Standards						
1) Pentafluorobenzene	7.979	168	162412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	317731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	314137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	126648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131488	63.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.100%			
35) Dibromofluoromethane	7.914	113	124706	55.139	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.280%			
50) Toluene-d8	10.338	98	405322	49.360	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.626	95	127450	44.411	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.820%			
Target Compounds						
2) Dichlorodifluoromethane	1.985	85	138	Below Cal	#	43
3) Chloromethane	2.209	50	250	Below Cal	#	42
5) Bromomethane	2.779	94	602	Below Cal	#	64
6) Chloroethane	2.973	64	56	Below Cal	#	43
16) Acetone	4.144	43	379	1.018	ug/l #	36
18) Methyl Acetate	4.661	43	54	Below Cal	#	48
20) Methylene Chloride	4.961	84	2807	Below Cal	#	79
31) Cyclohexane	7.979	56	3826	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	13957	4.110	ug/l #	48
38) Carbon Tetrachloride	7.973	117	17437	5.191	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	1508	1.241	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	58687	45.811	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	58687	114.784	ug/l #	17

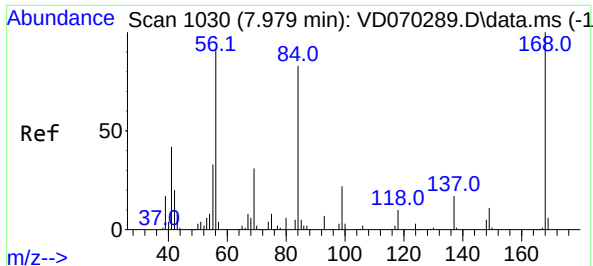
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
Data File : VD070561.D
Acq On : 04 Oct 2021 19:59
Operator : VA/SY
Sample : M4037-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

Quant Time: Oct 05 05:02:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

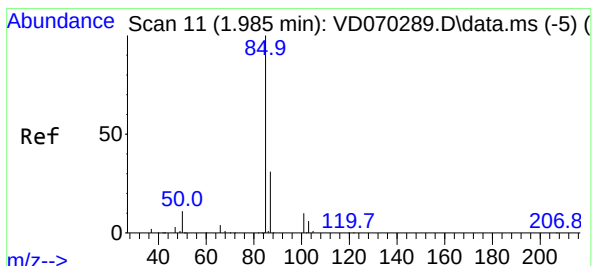
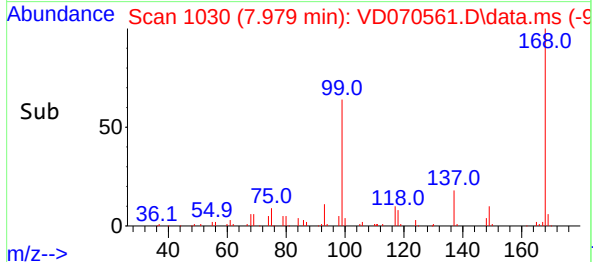
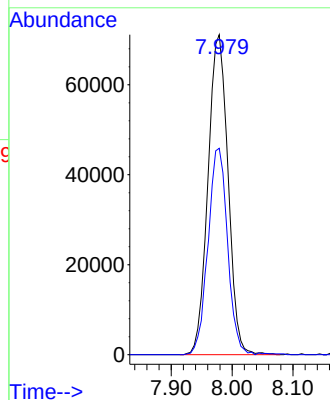
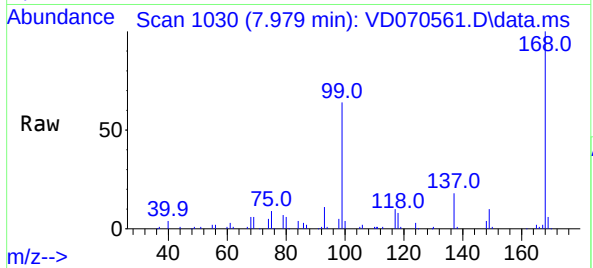




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

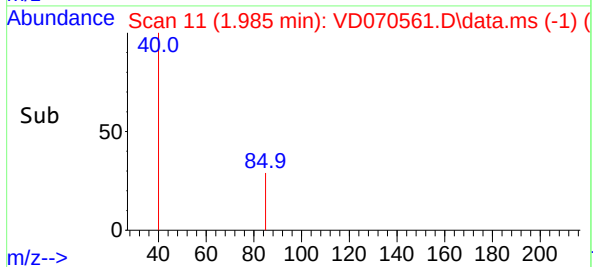
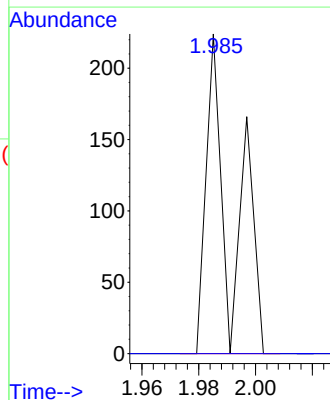
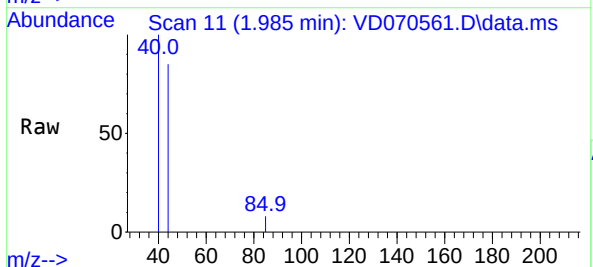
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

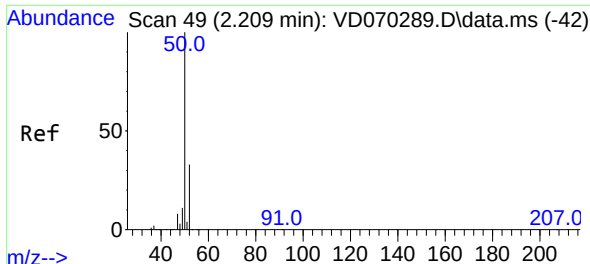
Tgt Ion:168 Resp: 162412
Ion Ratio Lower Upper
168 100
99 64.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

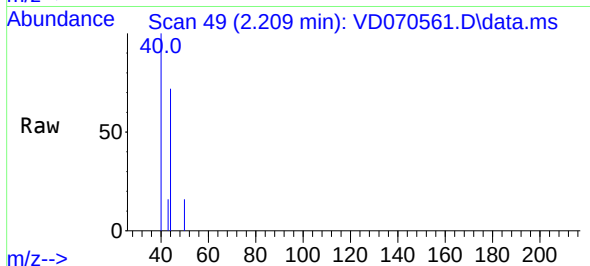
Tgt Ion: 85 Resp: 138
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



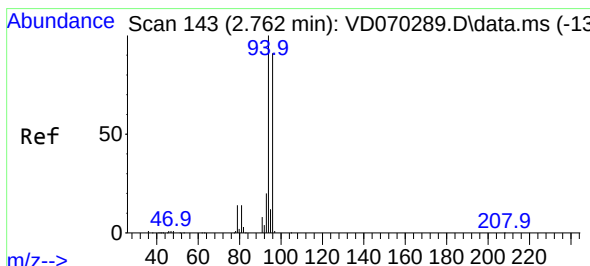
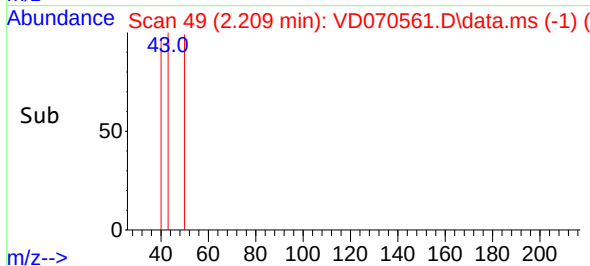
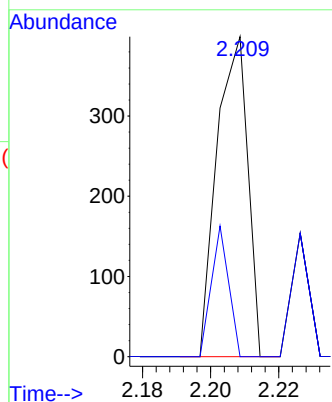


#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

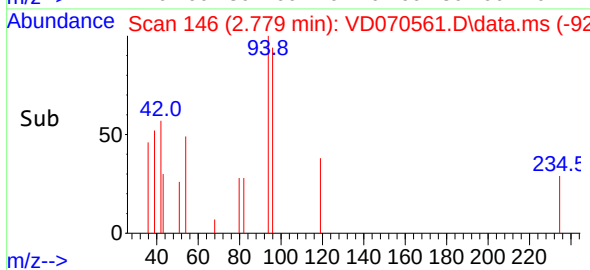
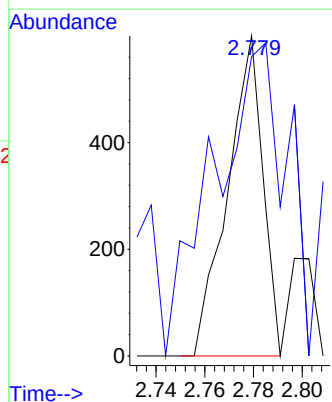
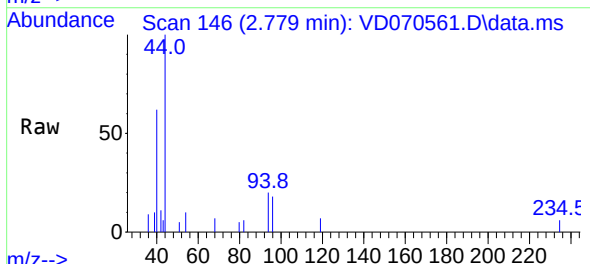


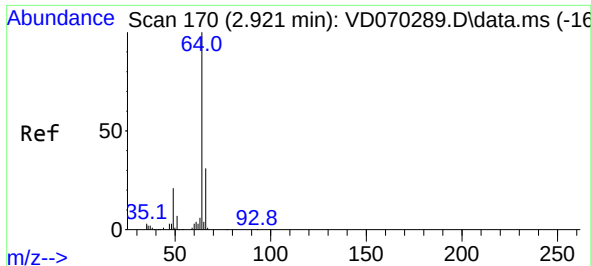
Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 57.5 73.0 109.6#

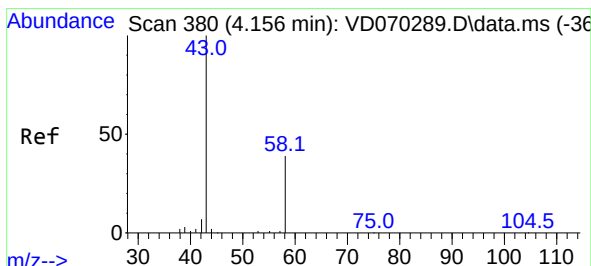
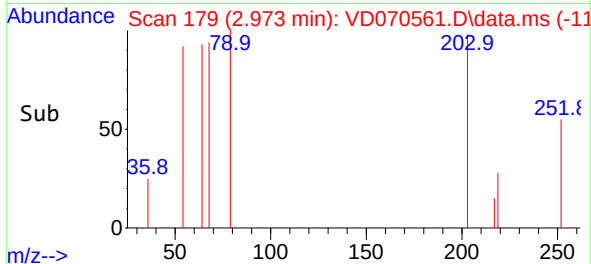
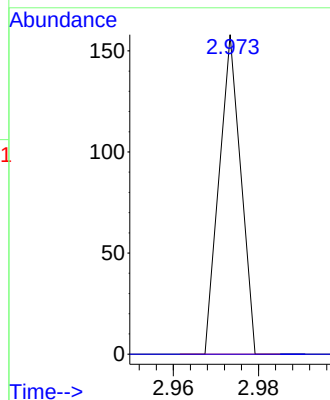
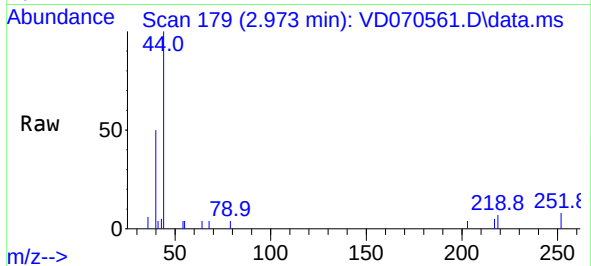




#6
Chloroethane
Concen: Below Cal
RT: 2.973 min Scan# 179
Delta R.T. 0.052 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

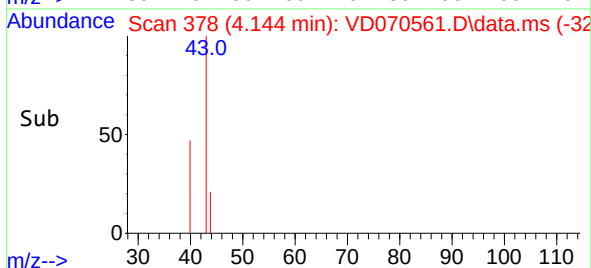
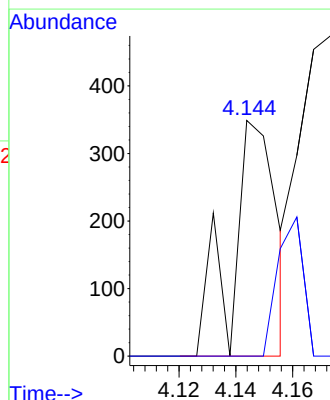
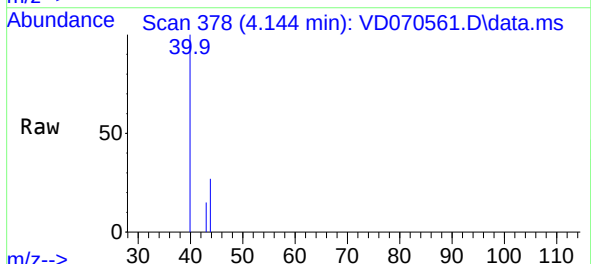
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

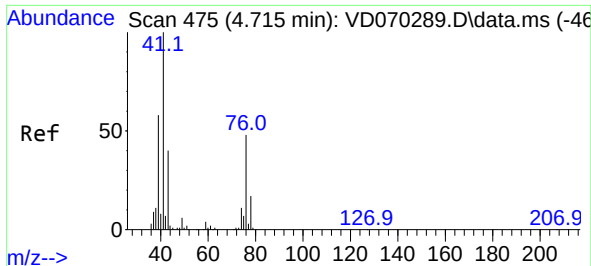
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#16
Acetone
Concen: 1.018 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

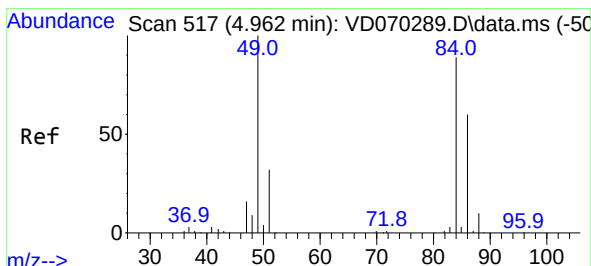
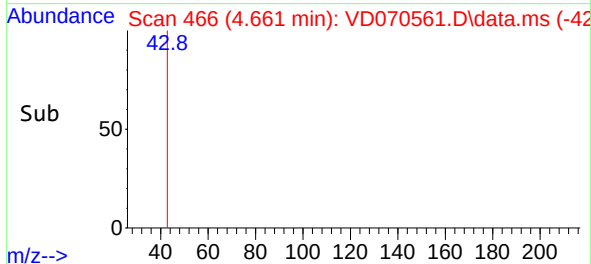
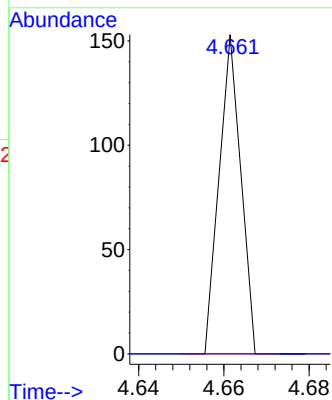
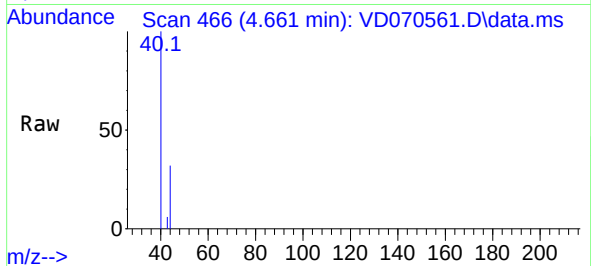




#18
Methyl Acetate
Concen: Below Cal
RT: 4.661 min Scan# 466
Delta R.T. -0.054 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

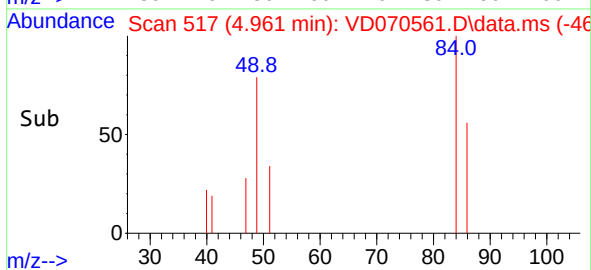
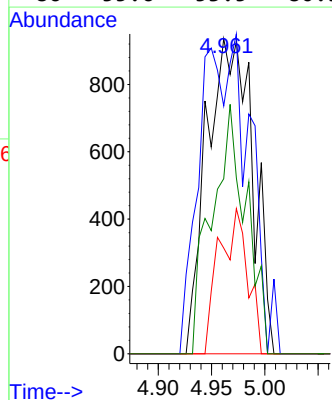
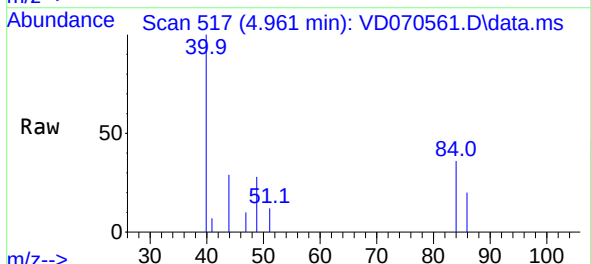
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

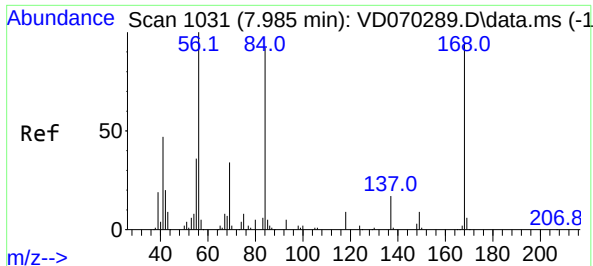
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 84 Resp: 2807
Ion Ratio Lower Upper
84 100
49 78.6 89.6 134.4#
51 33.5 28.6 43.0
86 55.6 53.5 80.3

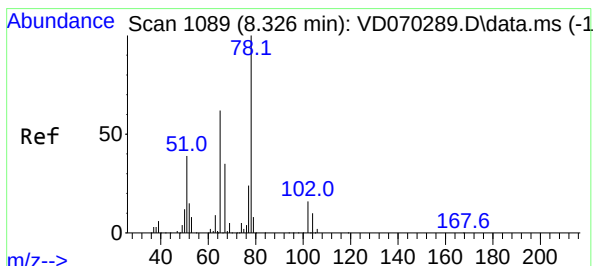
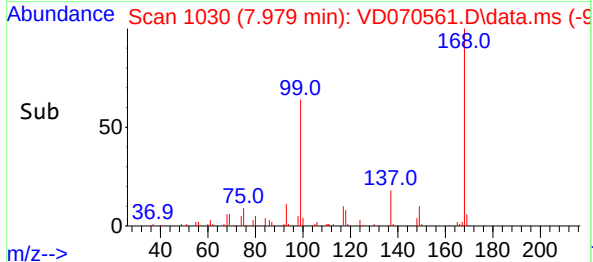
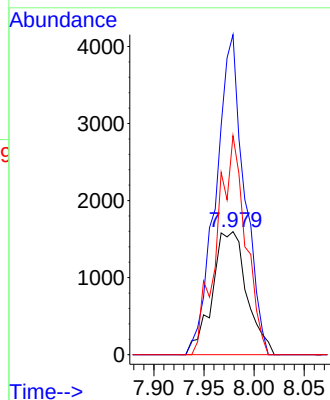
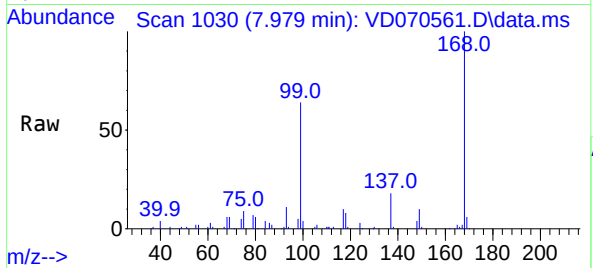




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

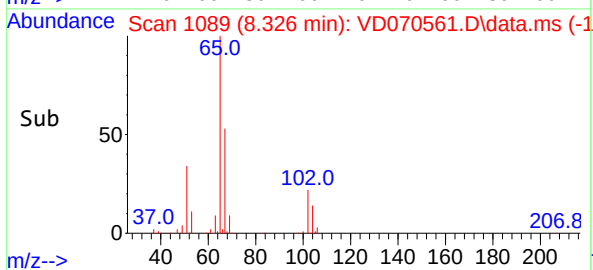
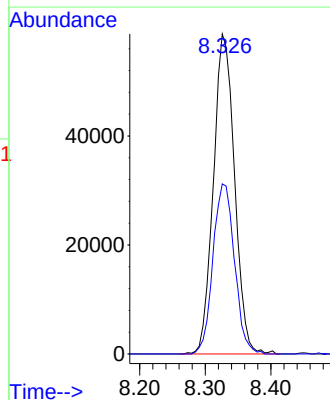
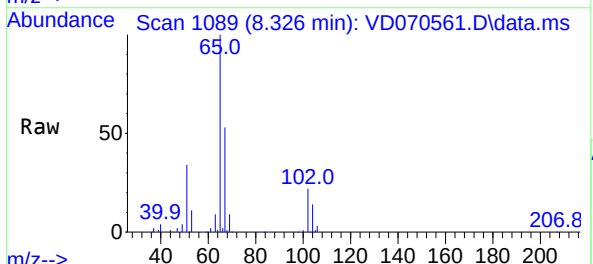
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

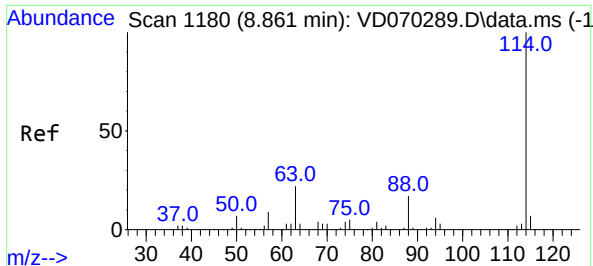
Tgt Ion: 56 Resp: 3826
Ion Ratio Lower Upper
56 100
69 260.2 26.9 40.3#
84 178.1 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 63.051 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 65 Resp: 131488
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4



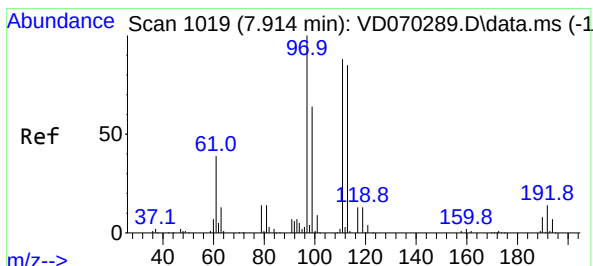
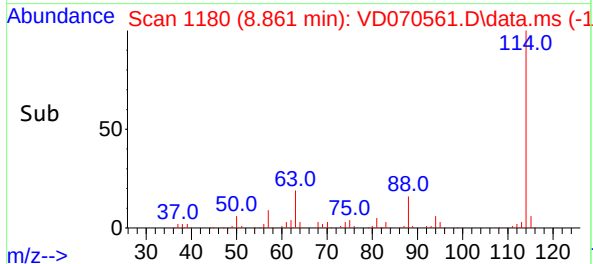
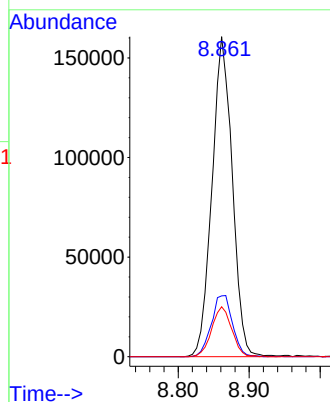
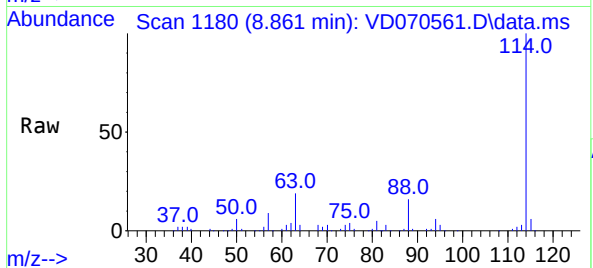


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

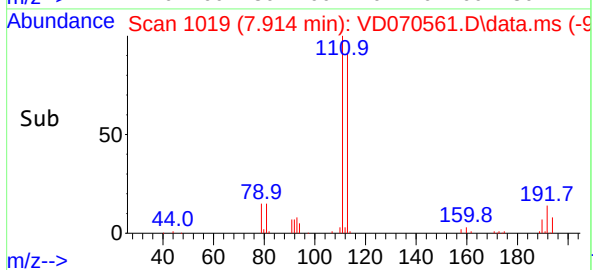
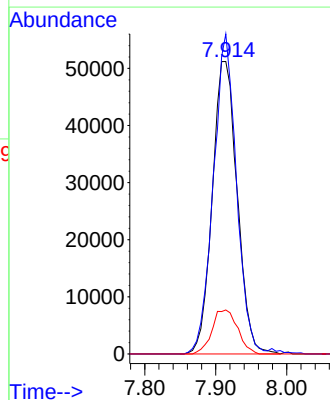
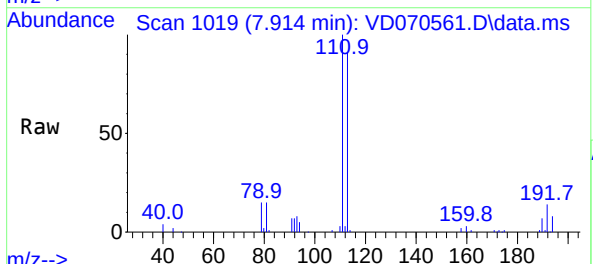
Tgt Ion:114 Resp: 317731
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.4
88 15.6 0.0 33.4

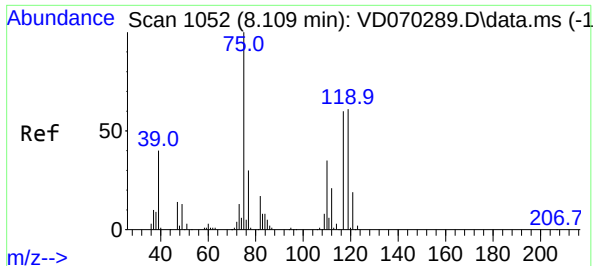


#35

Dibromofluoromethane
Concen: 55.139 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion:113 Resp: 124706
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 15.5 13.0 19.6

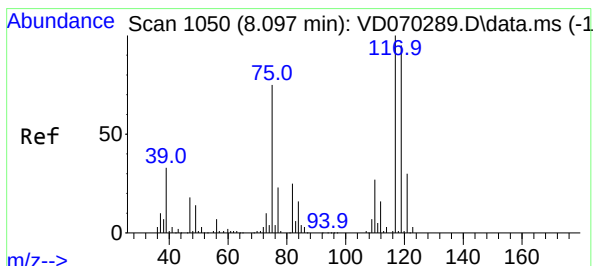
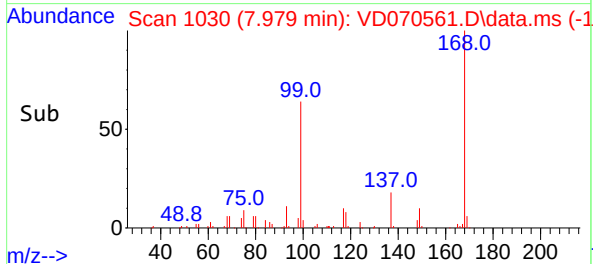
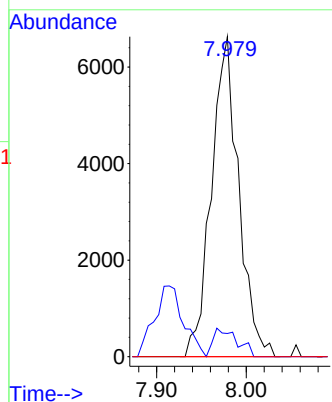
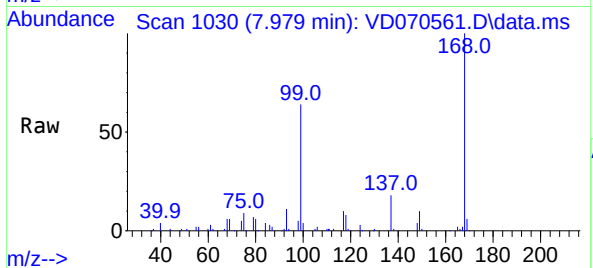




#36
1,1-Dichloropropene
Concen: 4.110 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

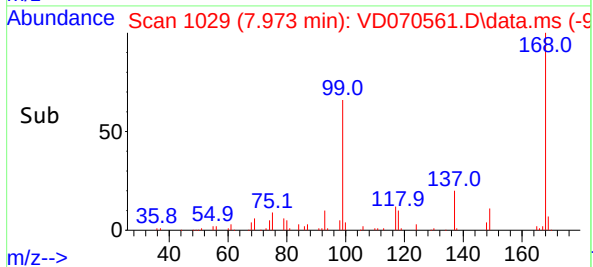
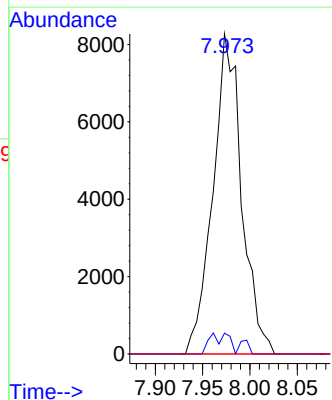
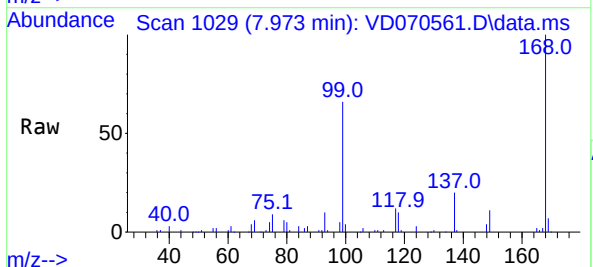
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

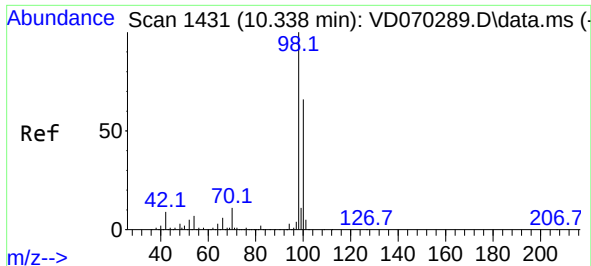
Tgt Ion: 75 Resp: 13957
Ion Ratio Lower Upper
75 100
110 7.7 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 117 Resp: 17437
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 23.8 35.6#

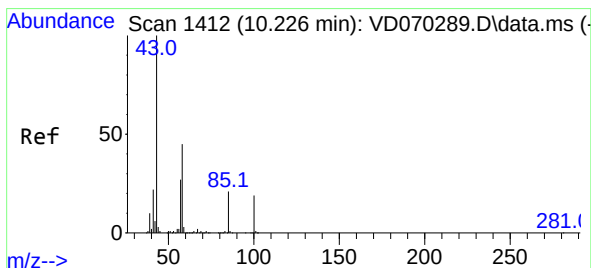
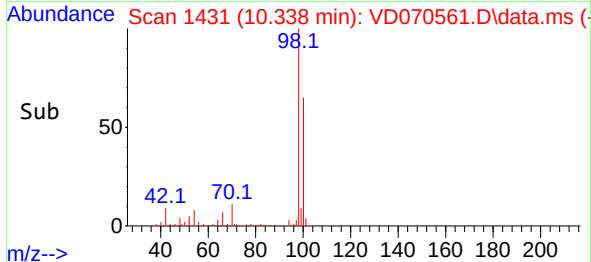
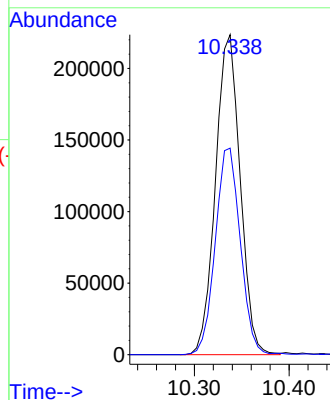
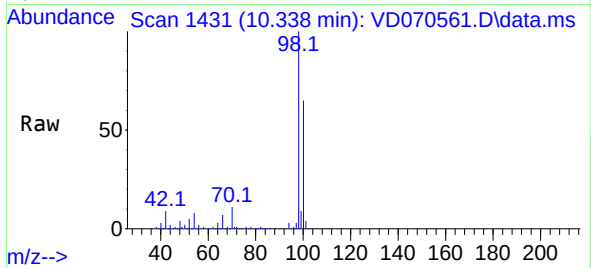




#50
Toluene-d8
Concen: 49.360 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

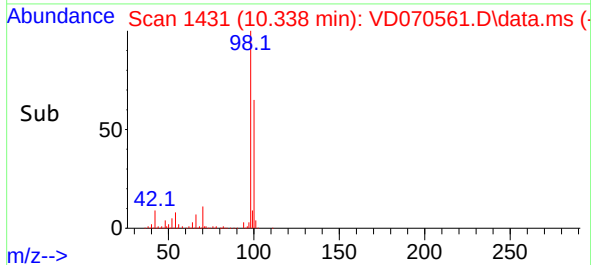
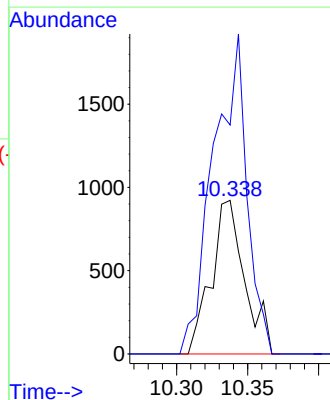
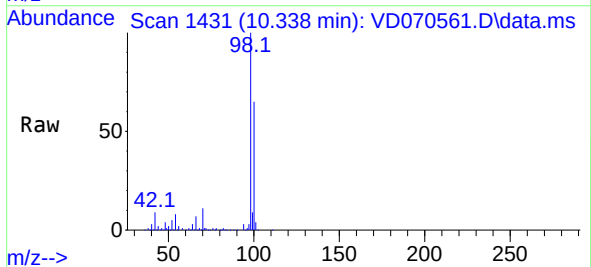
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

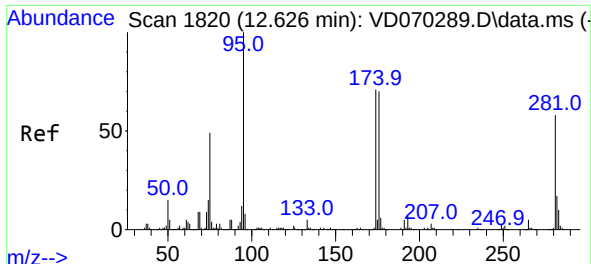
Tgt Ion: 98 Resp: 405322
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.241 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 208.6 35.4 53.2#

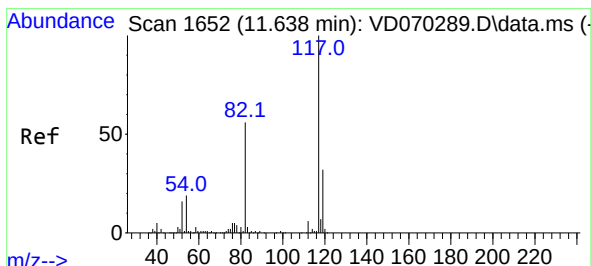
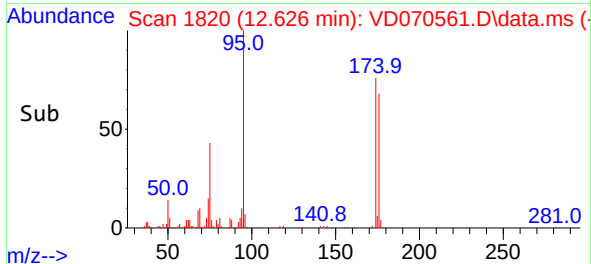
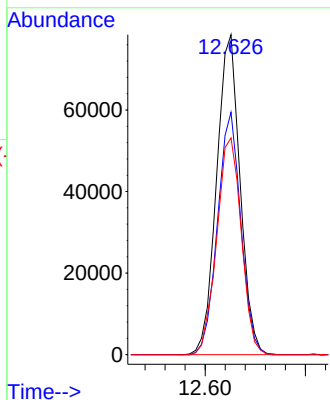
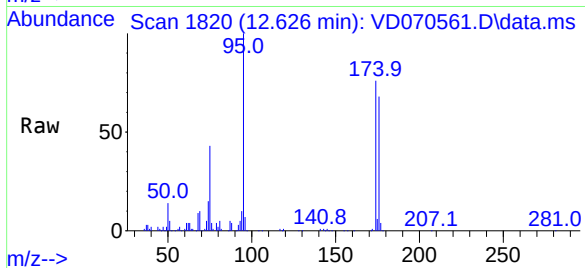




#62
4-Bromofluorobenzene
Concen: 44.411 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

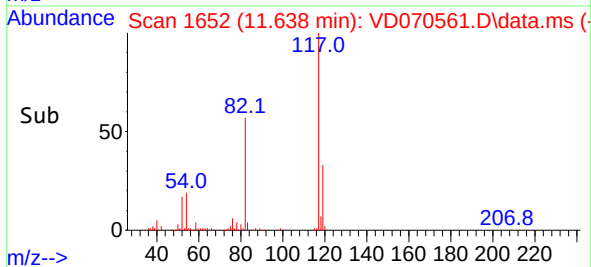
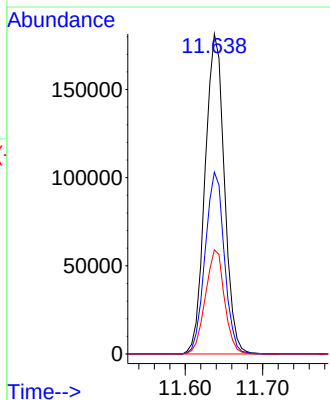
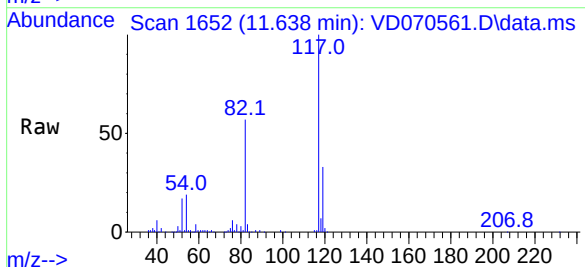
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

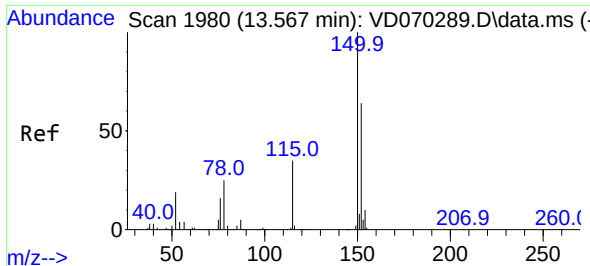
Tgt Ion: 95 Resp: 127450
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.6
176 70.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

Tgt Ion: 117 Resp: 314137
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.6 25.2 37.8

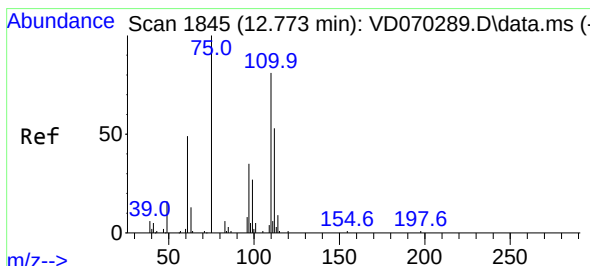
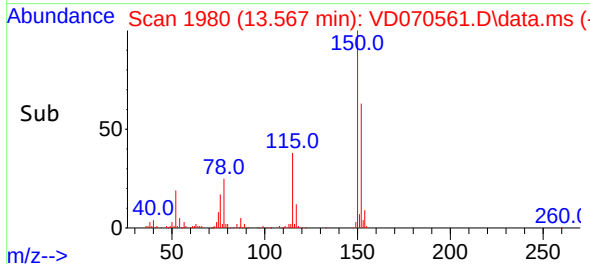
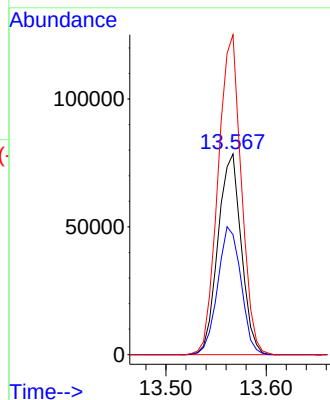
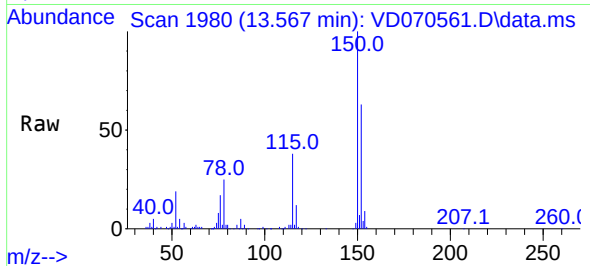




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

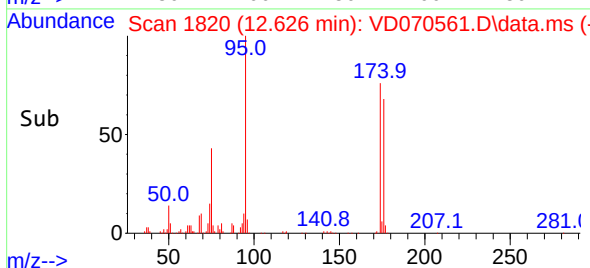
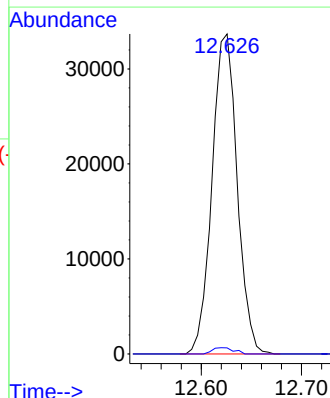
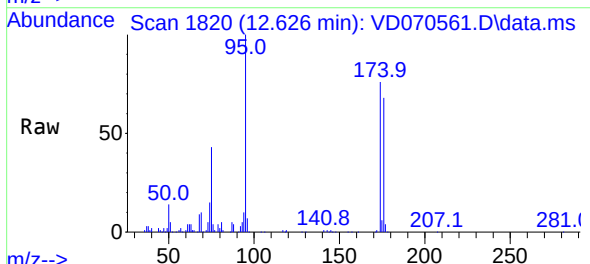
Instrument :
MSVOA_D
ClientSampleId :
HD-01-100121RE

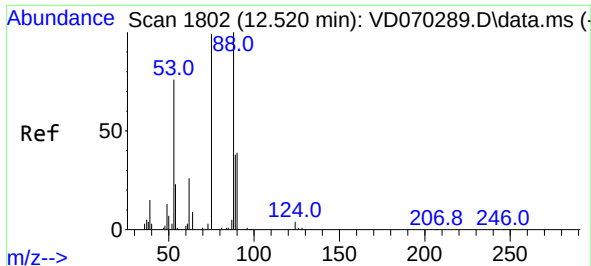
Tgt Ion:152 Resp: 126648
Ion Ratio Lower Upper
152 100
115 63.8 32.1 96.3
150 158.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 45.811 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070561.D
Acq: 04 Oct 2021 19:59

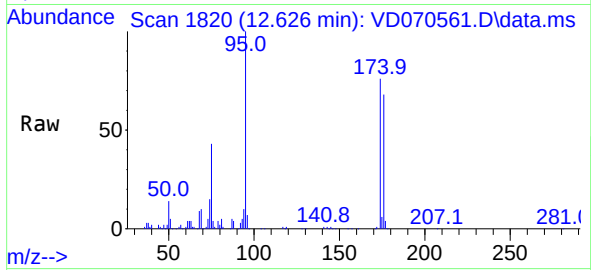
Tgt Ion: 75 Resp: 58687
Ion Ratio Lower Upper
75 100
77 1.7 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.784 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070561.D
 Acq: 04 Oct 2021 19:59

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-100121RE



Tgt Ion: 75 Resp: 58687

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.2	96.2#
89	0.0	35.6	53.4#

