

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070577.D
 Acq On : 05 Oct 2021 17:41
 Operator : VA/SY
 Sample : M4060-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-100421

Quant Time: Oct 06 09:23:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

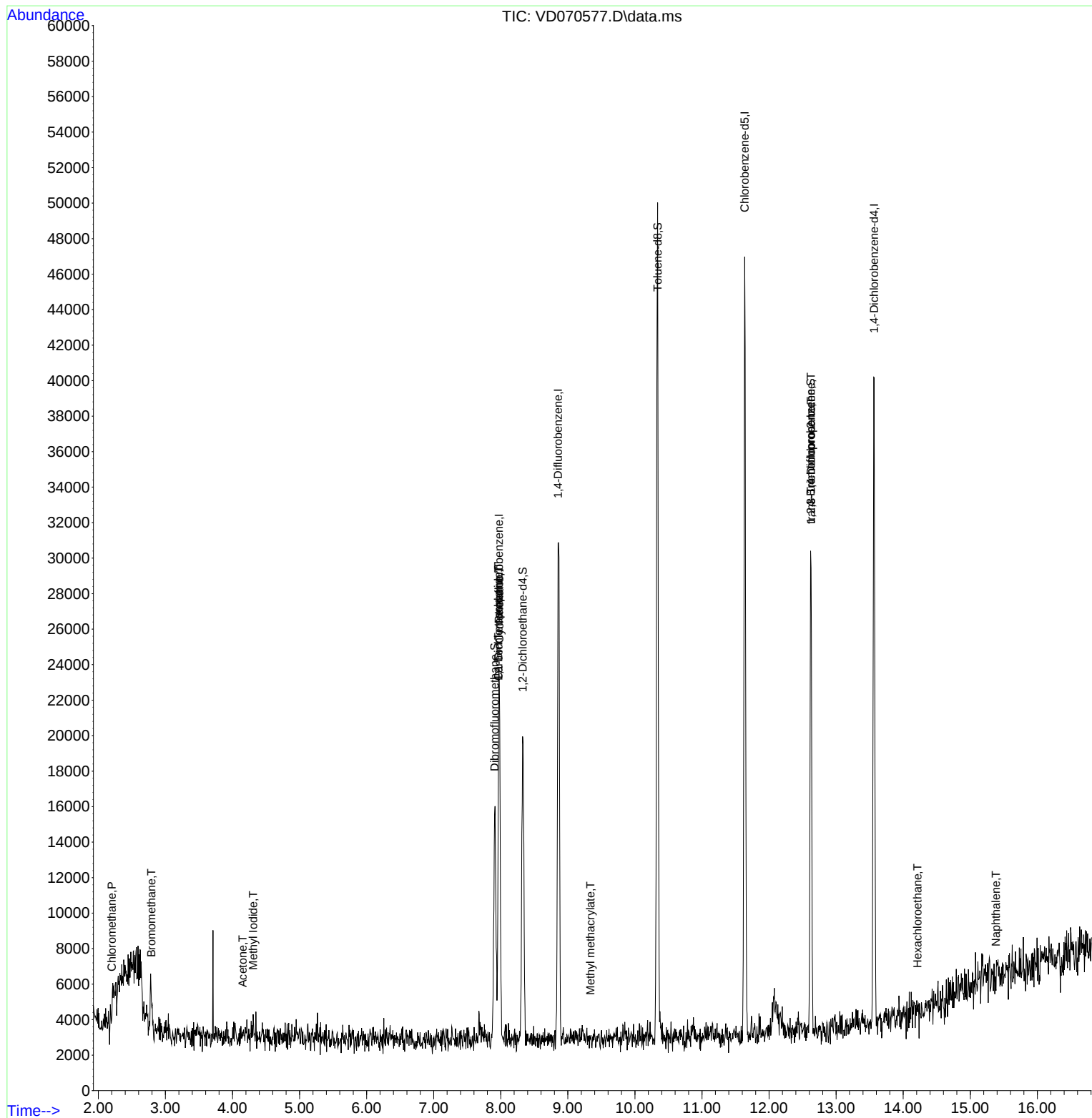
Internal Standards						
1) Pentafluorobenzene	7.973	168	14469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	25561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14445	84.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.660%#			
35) Dibromofluoromethane	7.908	113	10202	60.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.060%			
50) Toluene-d8	10.338	98	33500	51.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.620	95	10236	47.141	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.280%			
Target Compounds			Qvalue			
3) Chloromethane	2.203	50	976	4.454	ug/l #	59
5) Bromomethane	2.791	94	1724	8.742	ug/l #	72
10) Methyl Iodide	4.309	142	987	5.721	ug/l #	90
16) Acetone	4.150	43	216	7.470	ug/l #	40
20) Methylene Chloride	4.967	84	112	Below Cal	#	10
31) Cyclohexane	7.979	56	398	1.262	ug/l #	26
36) 1,1-Dichloropropene	7.967	75	1359	5.006	ug/l #	42
38) Carbon Tetrachloride	7.967	117	1030	3.625	ug/l #	12
48) Methyl methacrylate	9.338	41	80	1.033	ug/l #	11
76) 1,2,3-Trichloropropane	12.626	75	4898	51.587	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	4898	114.533	ug/l #	17
90) Hexachloroethane	14.214	117	149	1.010	ug/l #	18
95) Naphthalene	15.384	128	440	3.747	ug/l #	69

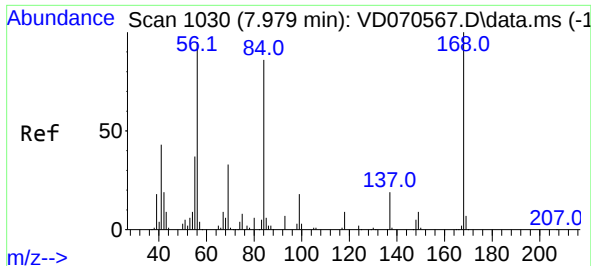
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

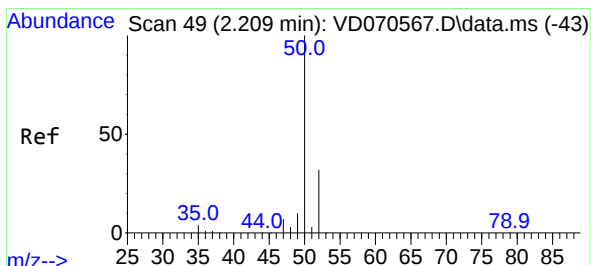
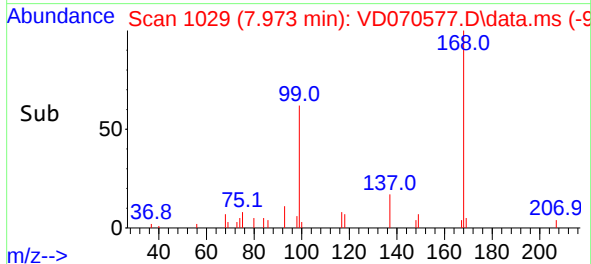
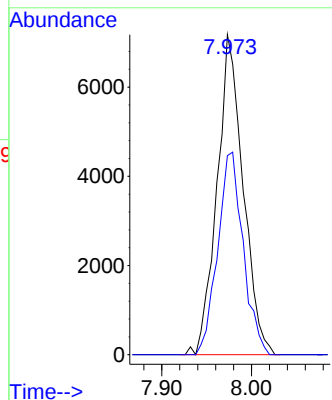
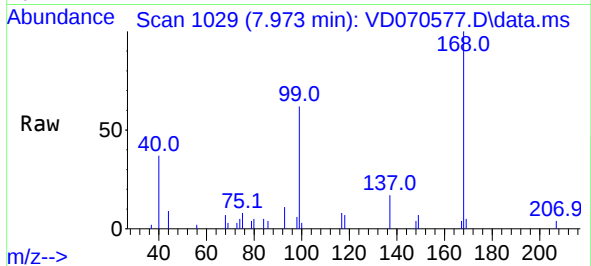




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

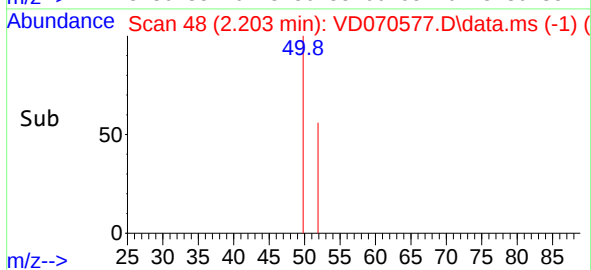
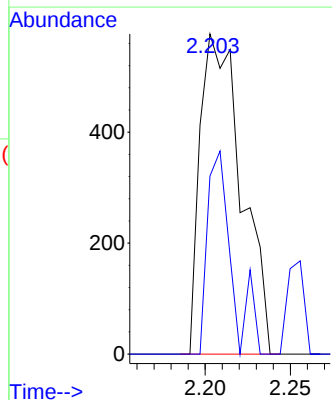
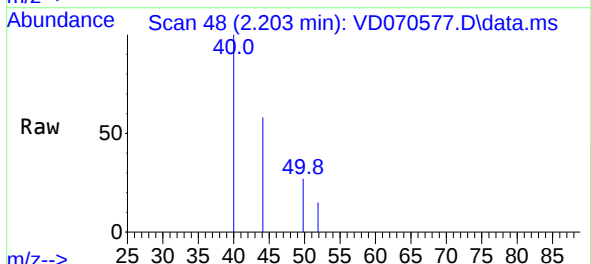
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

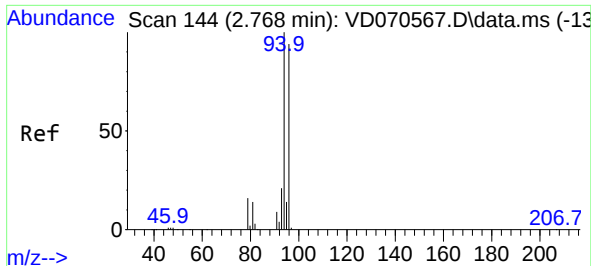
Tgt Ion:168 Resp: 14469
Ion Ratio Lower Upper
168 100
99 62.2 51.4 77.0



#3
Chloromethane
Concen: 4.454 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 55.6 26.0 39.0#

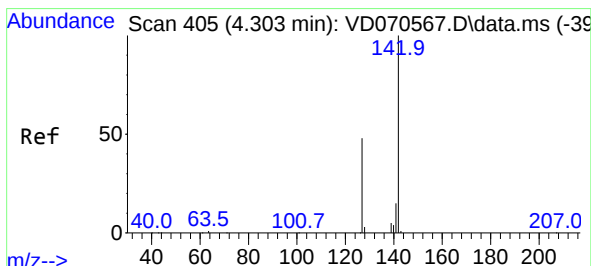
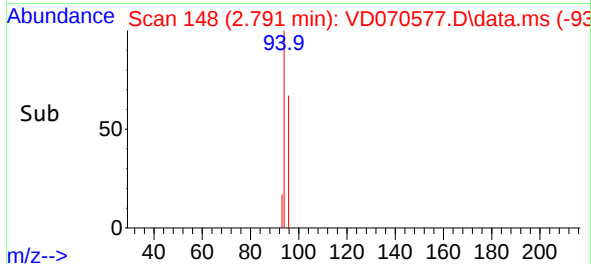
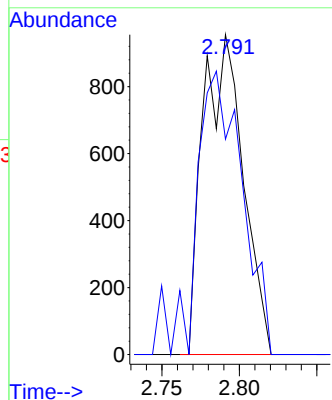
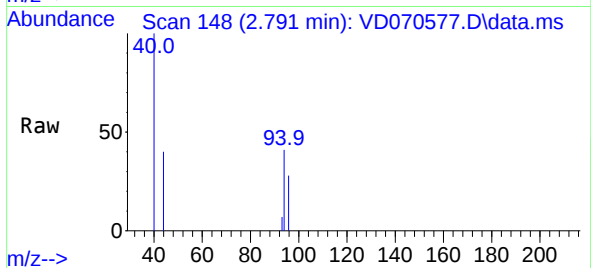




#5
Bromomethane
Concen: 8.742 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

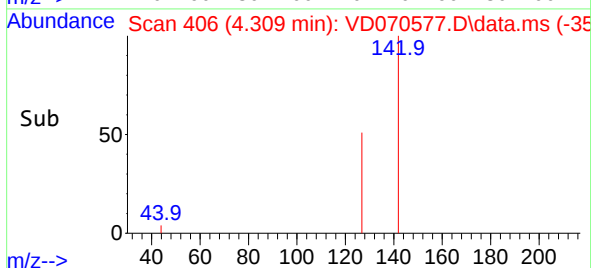
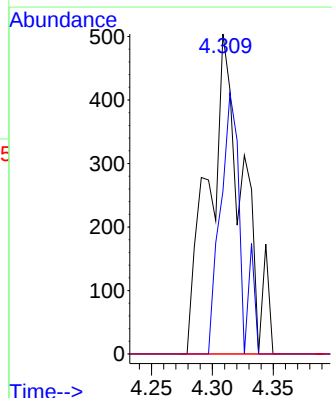
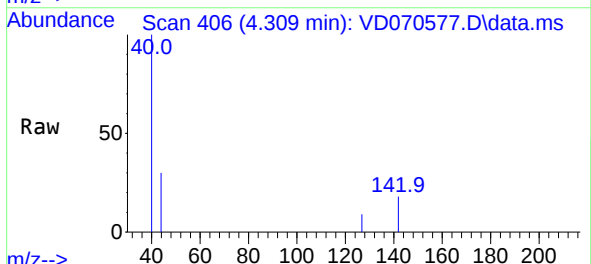
Instrument :
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ClientSampleId :
TR-05-100421

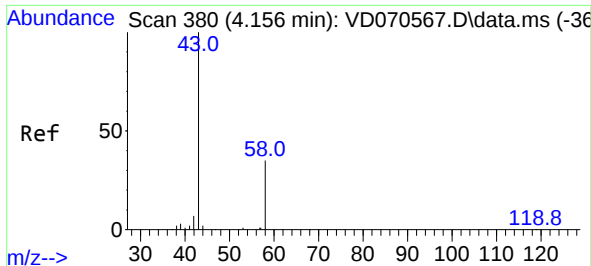
Tgt Ion: 94 Resp: 1724
Ion Ratio Lower Upper
94 100
96 67.3 75.5 113.3#



#10
Methyl Iodide
Concen: 5.721 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 142 Resp: 987
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 0.0 12.1 18.1#

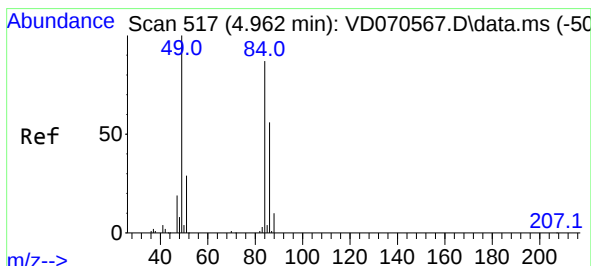
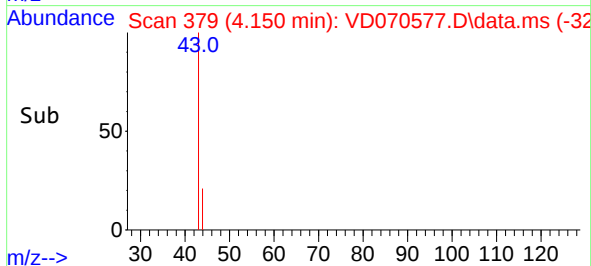
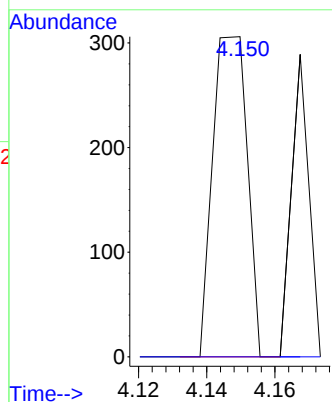
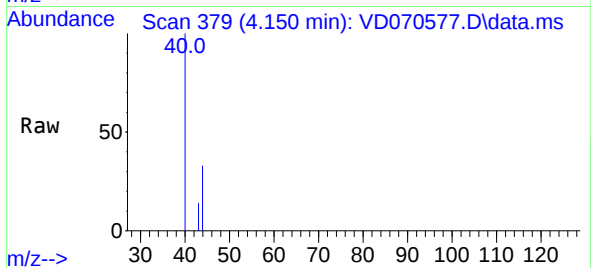




#16
Acetone
Concen: 7.470 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

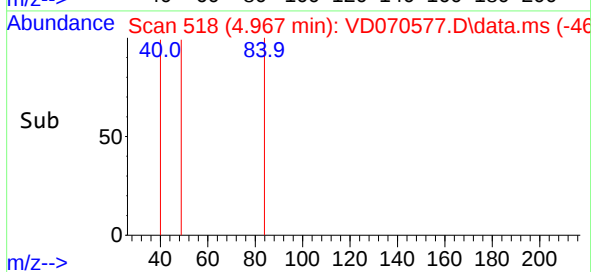
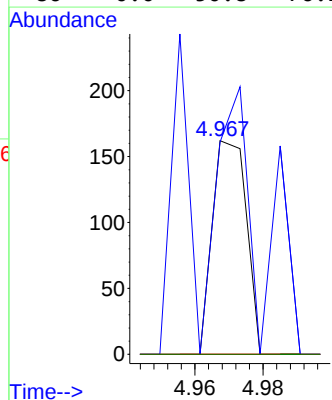
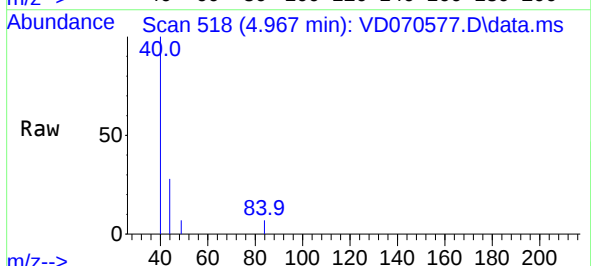
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

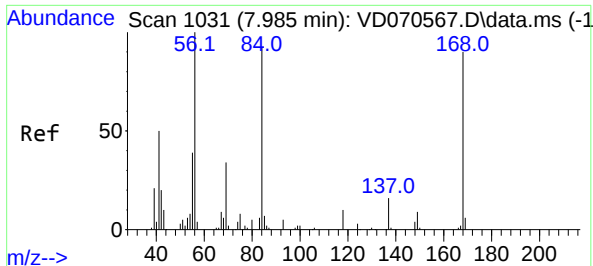
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 84 Resp: 112
Ion Ratio Lower Upper
84 100
49 1.9 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

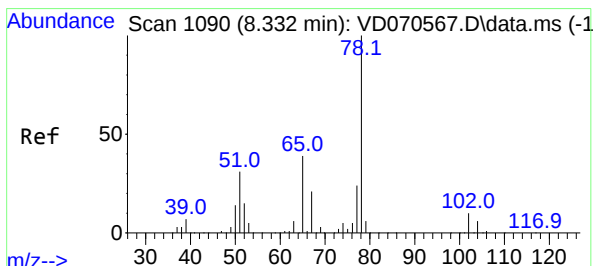
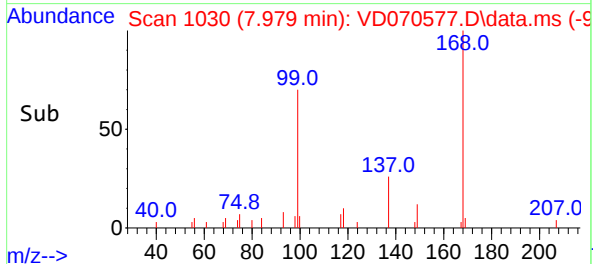
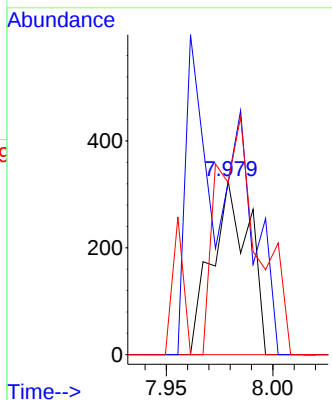
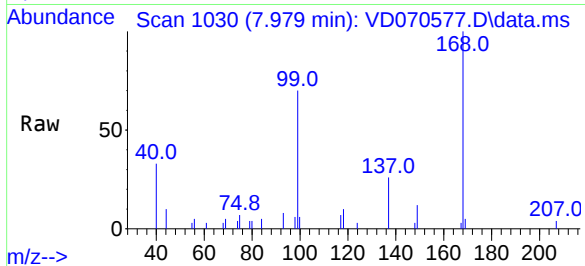




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

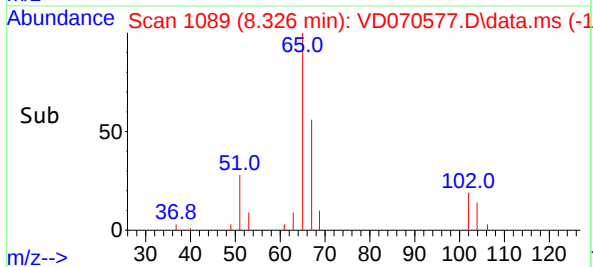
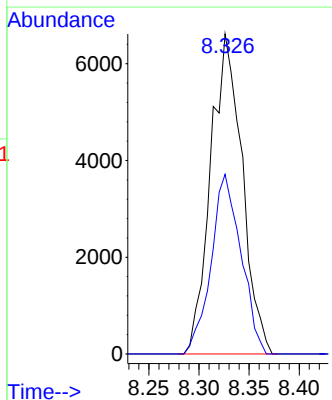
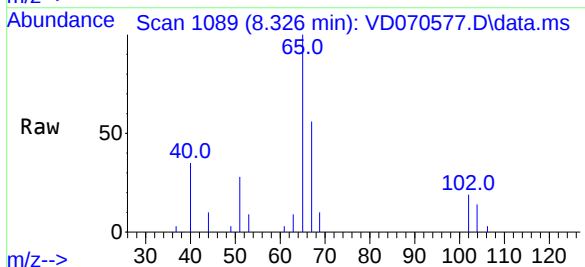
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

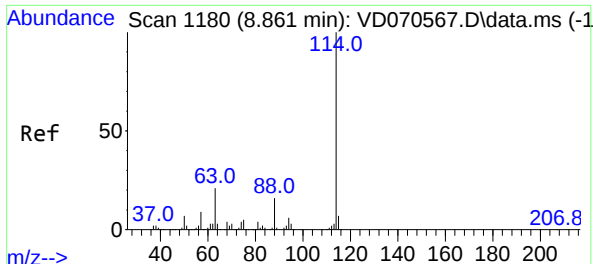
Tgt Ion: 56 Resp: 398
Ion Ratio Lower Upper
56 100
69 99.1 27.4 41.2#
84 34.8 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 84.831 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 65 Resp: 14445
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD070577.D

Acq: 05 Oct 2021 17:41

Instrument :

MSVOA_D

ClientSampleId :

TR-05-100421

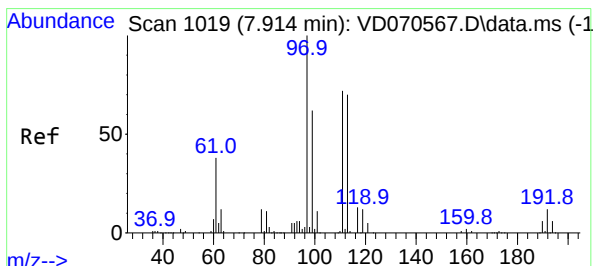
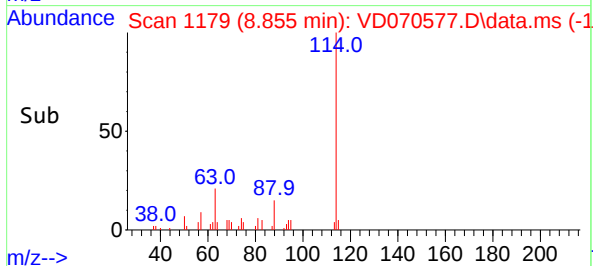
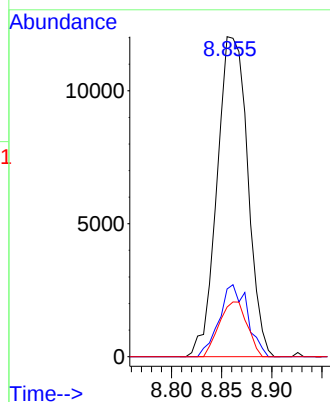
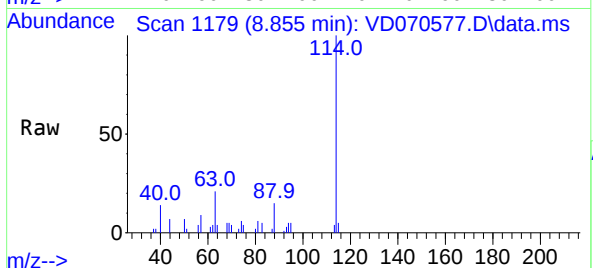
Tgt Ion:114 Resp: 25561

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 60.031 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070577.D

Acq: 05 Oct 2021 17:41

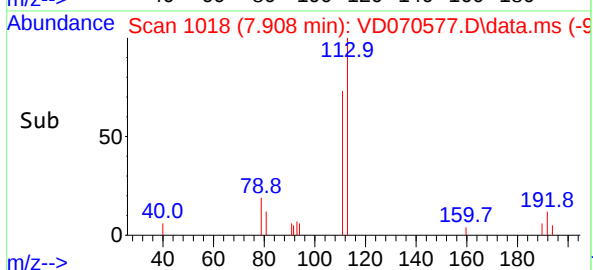
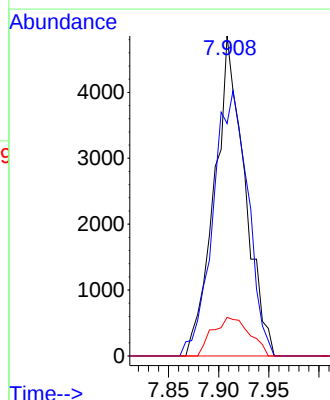
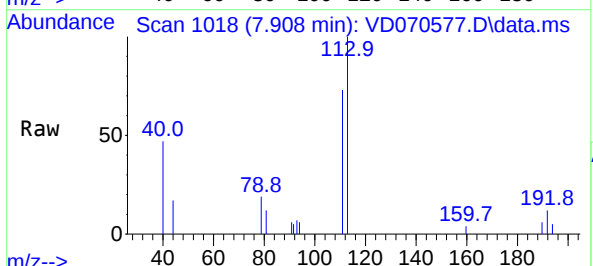
Tgt Ion:113 Resp: 10202

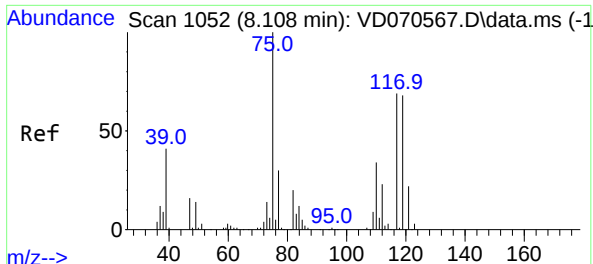
Ion Ratio Lower Upper

113 100

111 95.3 83.1 124.7

192 14.6 12.7 19.1

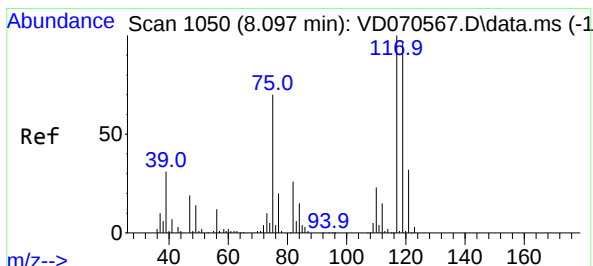
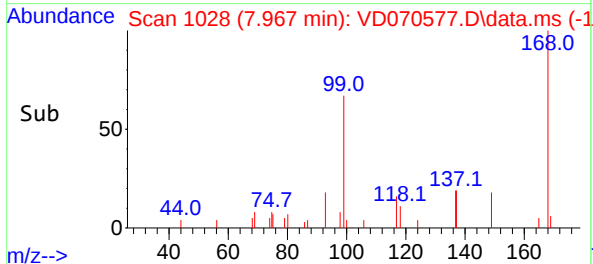
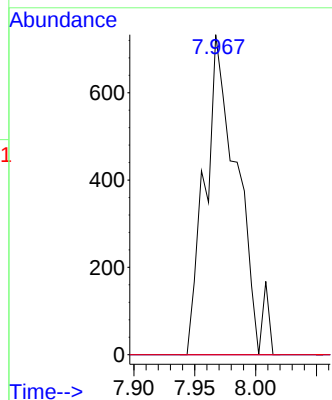
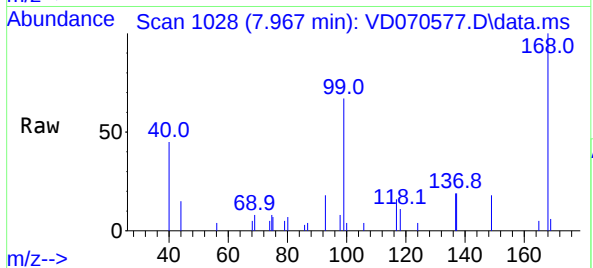




#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

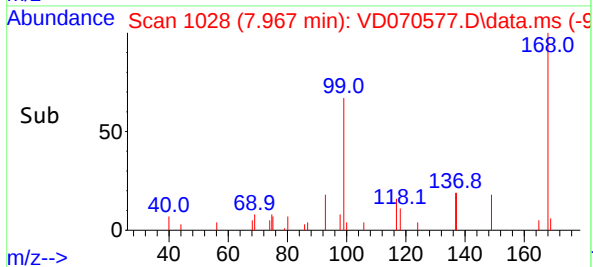
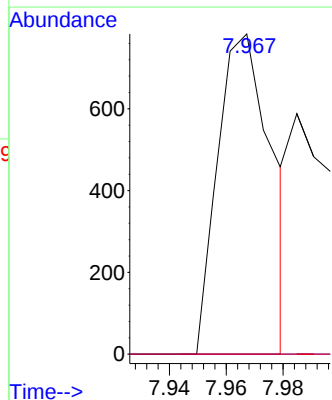
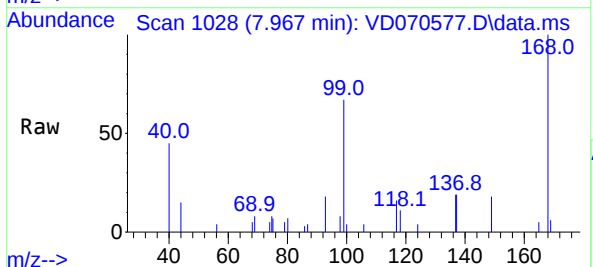
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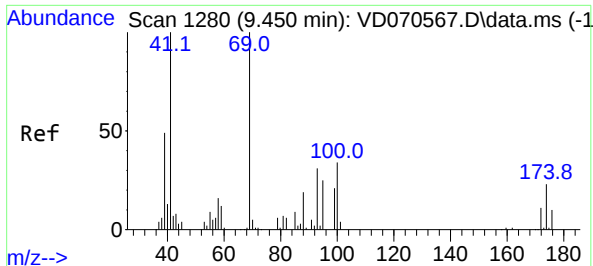
Tgt Ion: 75 Resp: 1359
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 3.625 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.130 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 117 Resp: 1030
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

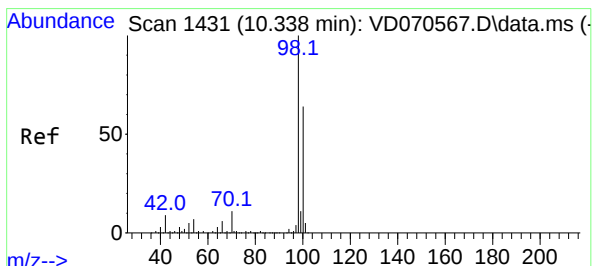
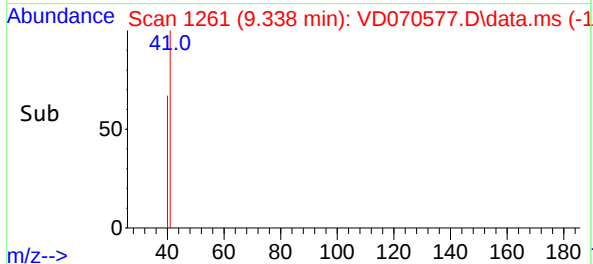
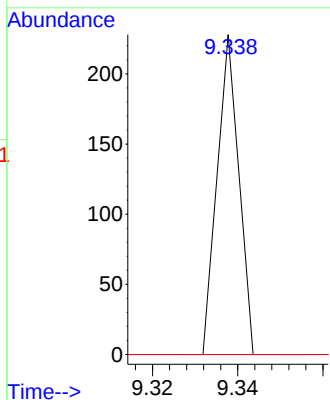
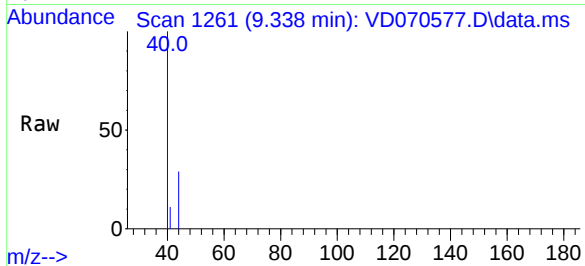




#48
Methyl methacrylate
Concen: 1.033 ug/l
RT: 9.338 min Scan# 1261
Delta R.T. -0.112 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

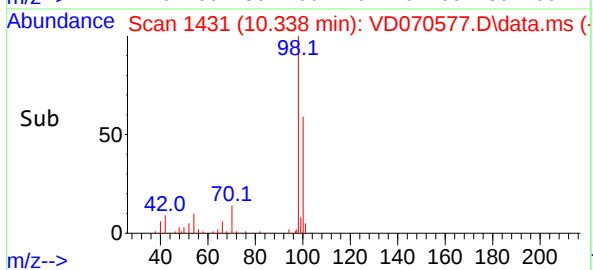
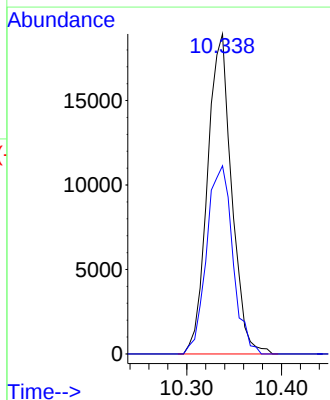
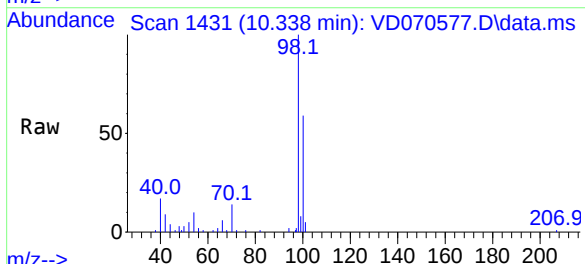
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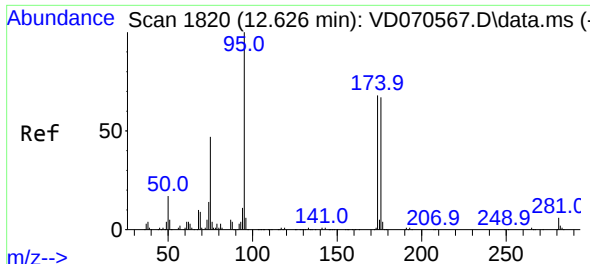
Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
69 0.0 78.5 117.7#
39 0.0 34.9 52.3#



#50
Toluene-d8
Concen: 51.564 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 98 Resp: 33500
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



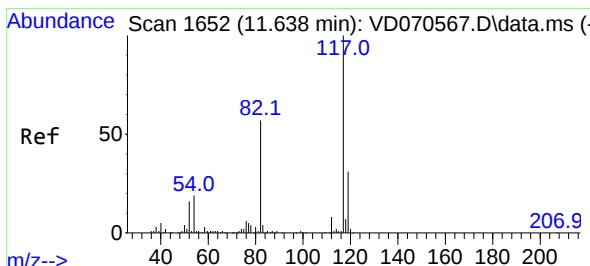
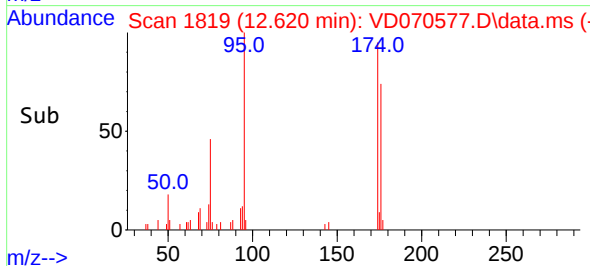
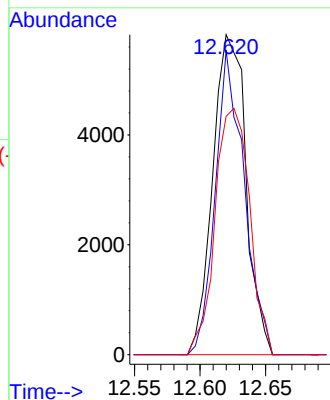
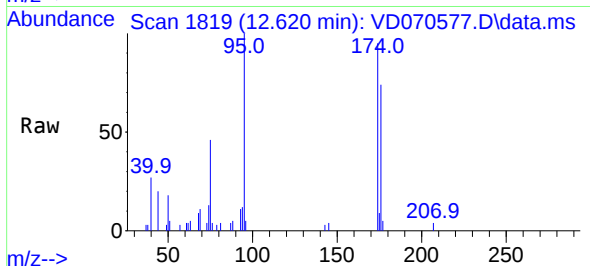


#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

Tgt Ion: 95 Resp: 10236

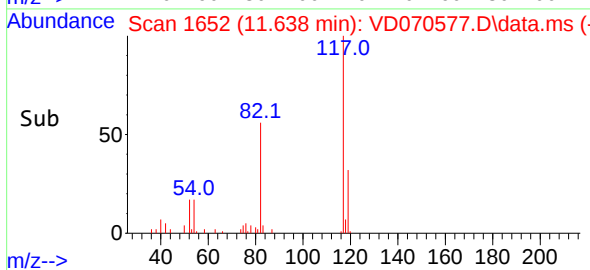
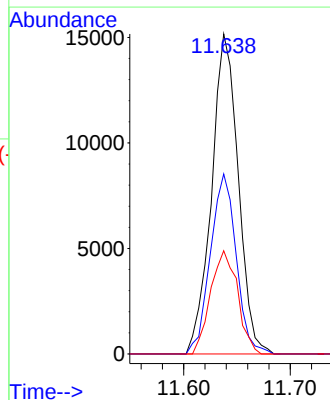
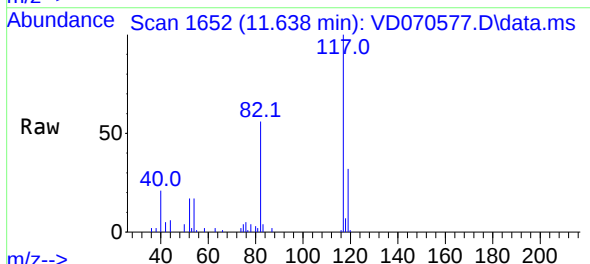
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	138.0
176	80.4	0.0	135.6

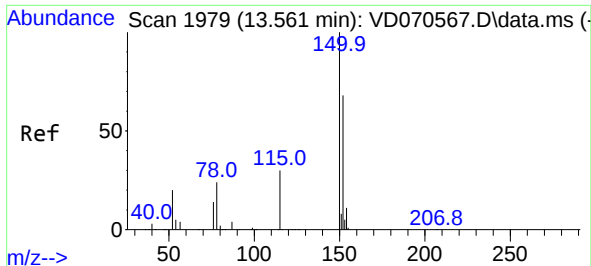


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 117 Resp: 26385

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.2
119	32.2	24.7	37.1

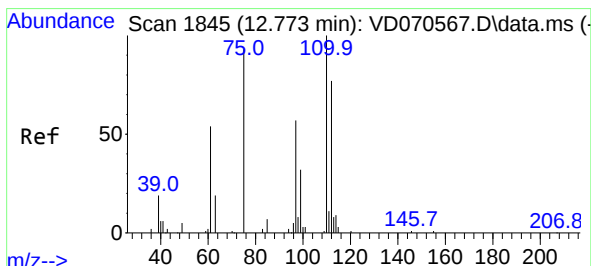
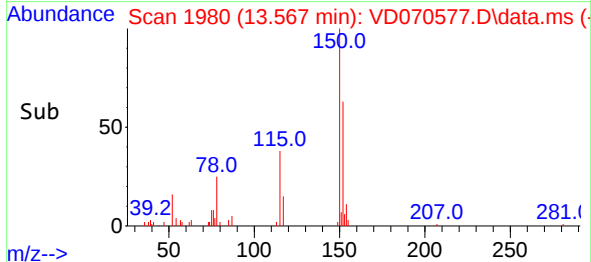
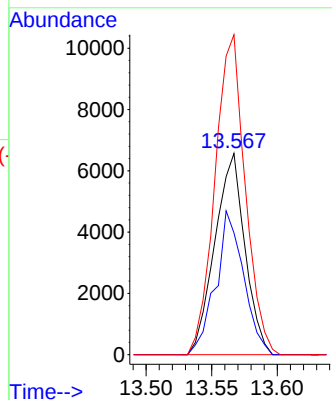
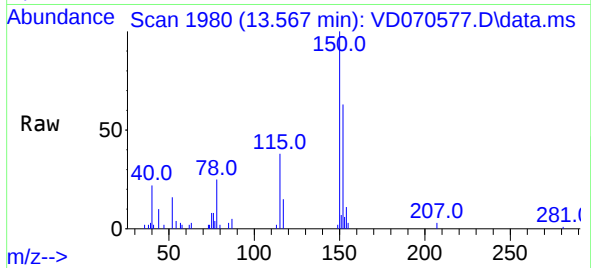




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD070577.D
 Acq: 05 Oct 2021 17:41

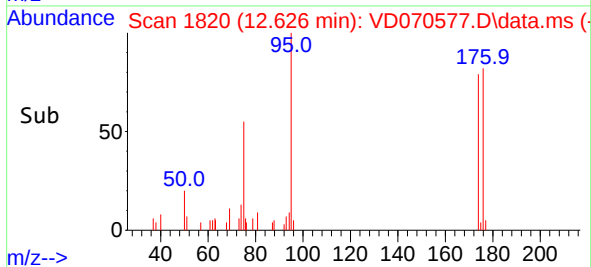
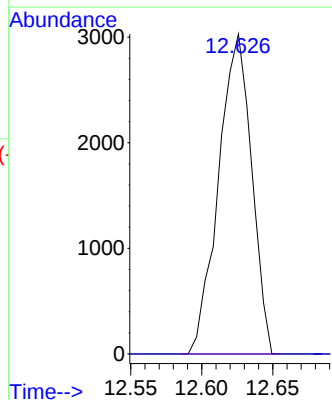
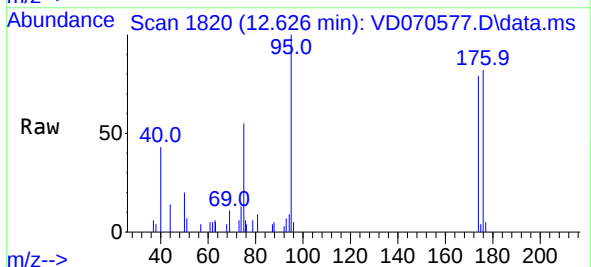
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-100421

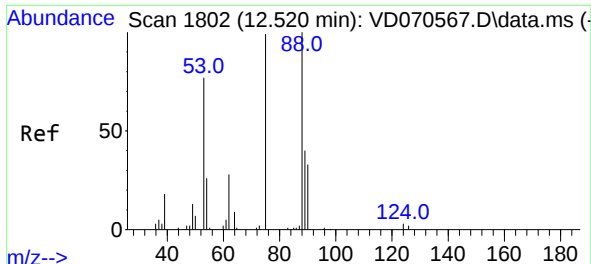
Tgt Ion:152 Resp: 10490
 Ion Ratio Lower Upper
 152 100
 115 66.1 31.9 95.7
 150 159.6 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 51.587 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070577.D
 Acq: 05 Oct 2021 17:41

Tgt Ion: 75 Resp: 4898
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

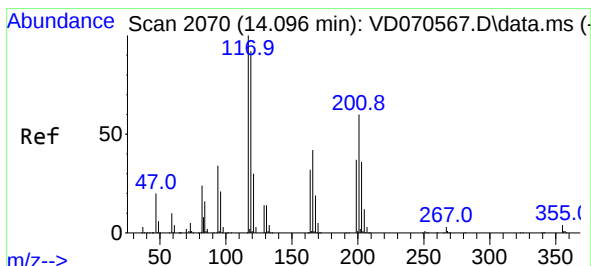
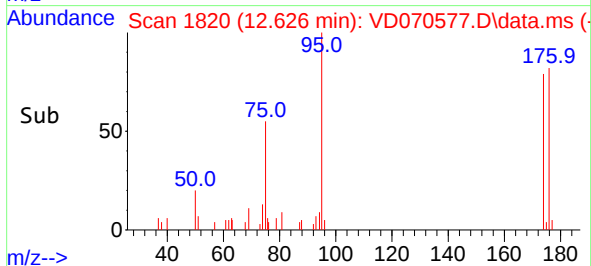
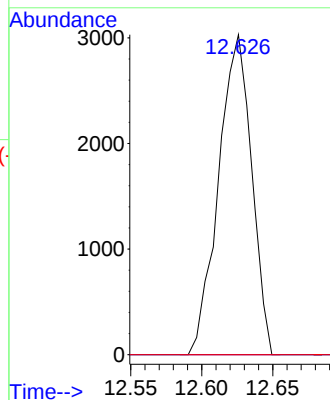
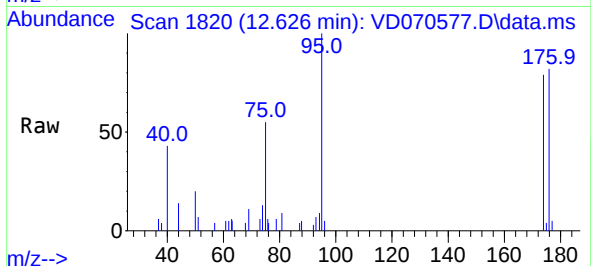




#81
trans-1,4-Dichloro-2-butene
Concen: 114.533 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

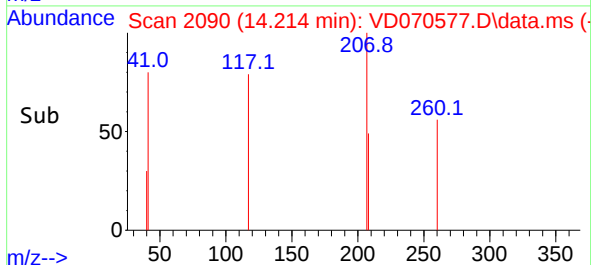
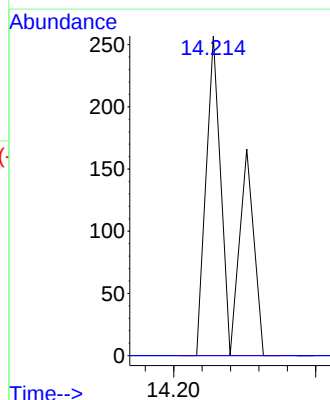
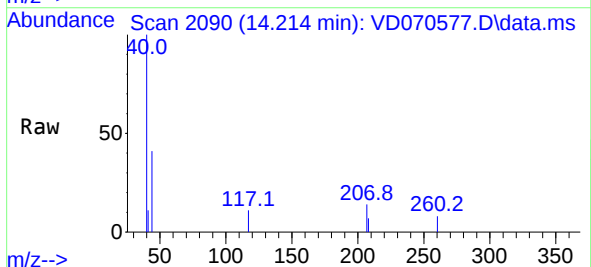
Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

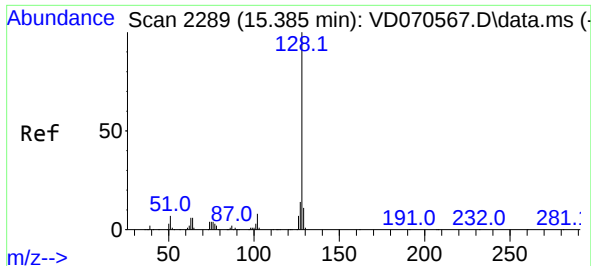
Tgt Ion: 75 Resp: 4898
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#



#90
Hexachloroethane
Concen: 1.010 ug/l
RT: 14.214 min Scan# 2090
Delta R.T. 0.118 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Tgt Ion: 117 Resp: 149
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#





#95
Naphthalene
Concen: 3.747 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD070577.D
Acq: 05 Oct 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :
TR-05-100421

Tgt Ion:128 Resp: 440
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

