

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070559.D
 Acq On : 04 Oct 2021 19:03
 Operator : VA/SY
 Sample : M4046-03
 Misc : 4.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-(3.0-3.5)

Quant Time: Oct 05 05:01:48 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)

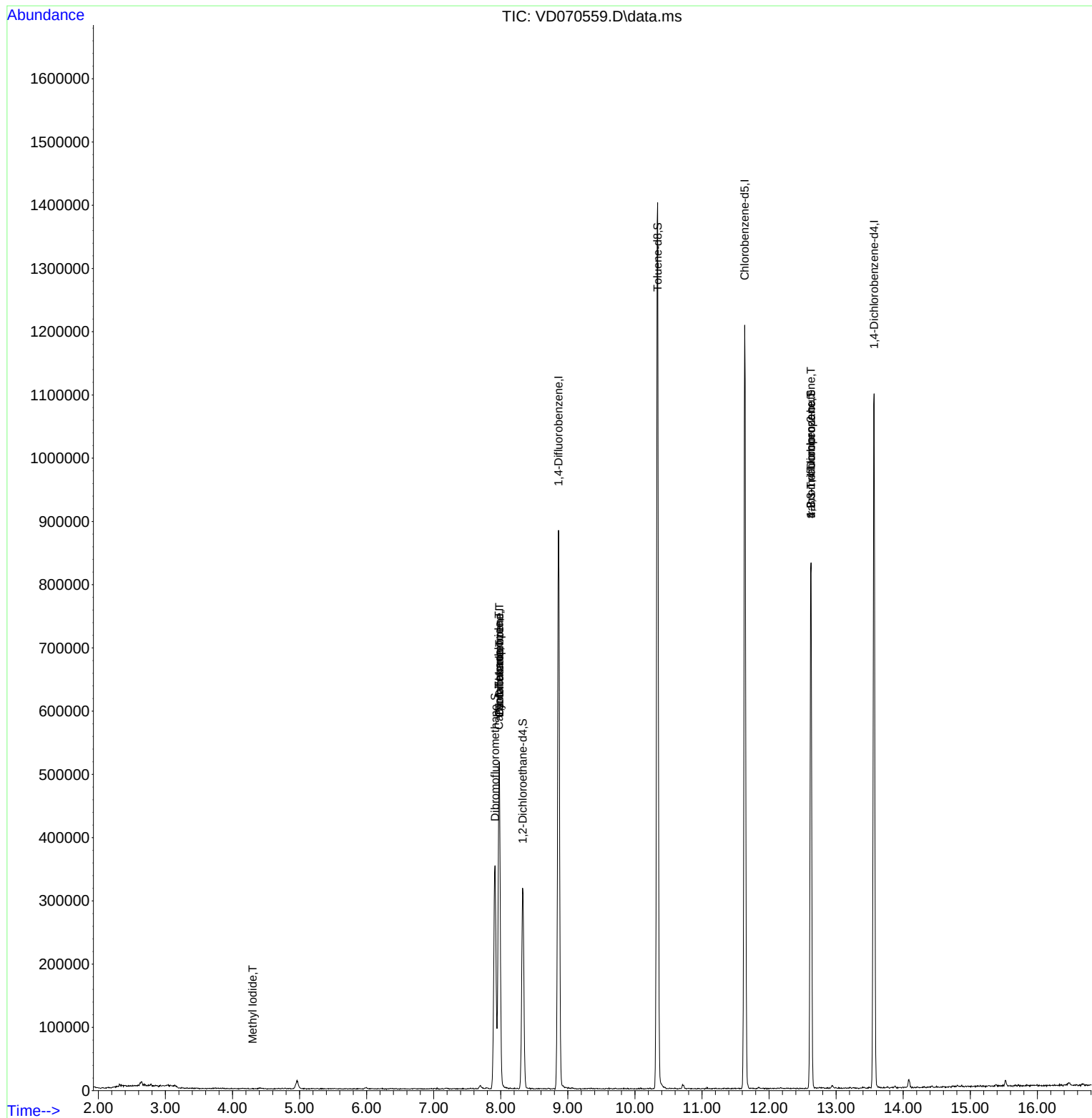
Internal Standards						
1) Pentafluorobenzene	7.979	168	359917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	767473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	735504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	291218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255808	55.353	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.700%			
35) Dibromofluoromethane	7.914	113	264437	48.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.820%			
50) Toluene-d8	10.338	98	987677	49.795	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.626	95	305322	44.045	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.100%			
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	240	Below Cal	#	43
3) Chloromethane	2.214	50	678	Below Cal	#	26
5) Bromomethane	2.785	94	849	Below Cal		100
6) Chloroethane	2.914	64	61	Below Cal	#	43
10) Methyl Iodide	4.303	142	161	1.064 ug/l	#	39
18) Methyl Acetate	4.450	43	79	Below Cal	#	48
20) Methylene Chloride	4.961	84	9520	Below Cal	#	92
31) Cyclohexane	7.979	56	8057	1.012 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	32571	3.970 ug/l	#	47
38) Carbon Tetrachloride	7.973	117	40451	4.986 ug/l	#	17
76) 1,2,3-Trichloropropane	12.626	75	144133	48.930 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144133	122.598 ug/l	#	17

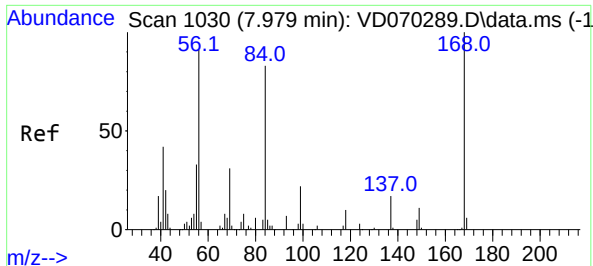
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-1-(3.0-3.5)

Quant Time: Oct 05 05:01:48 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

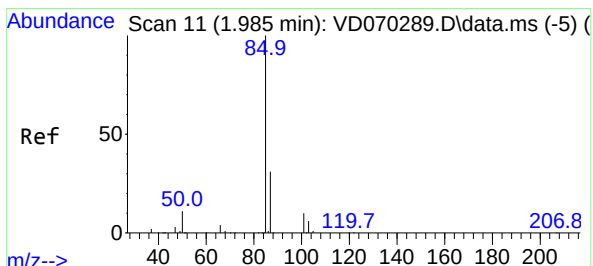
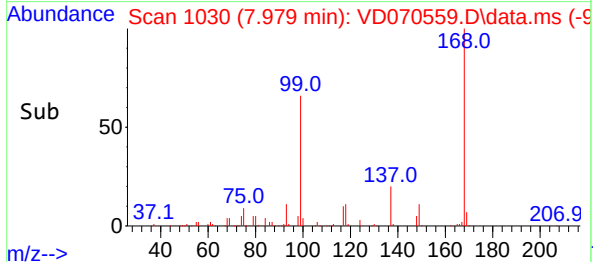
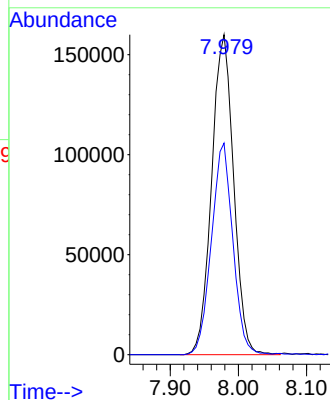
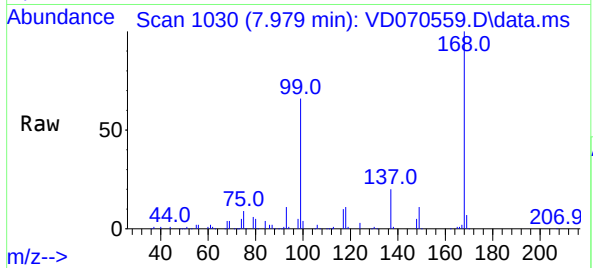




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

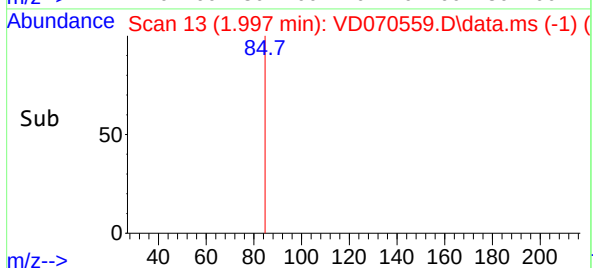
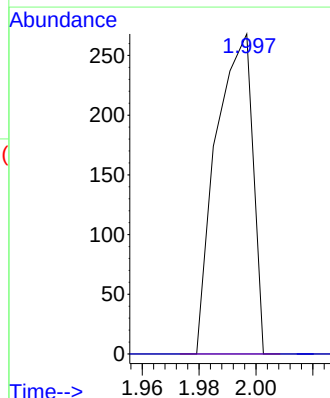
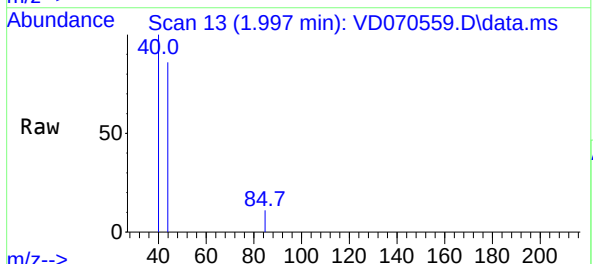
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

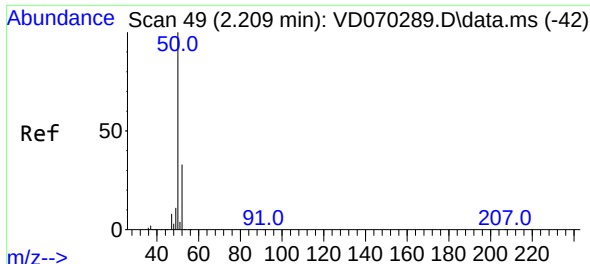
Tgt Ion:168 Resp: 359917
Ion Ratio Lower Upper
168 100
99 66.1 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 85 Resp: 240
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

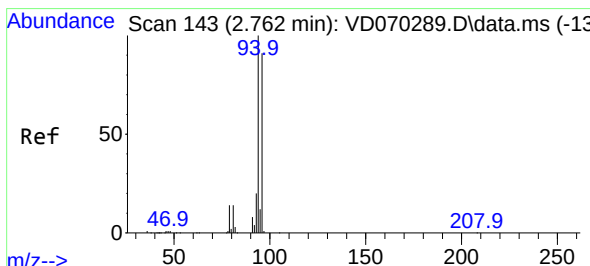
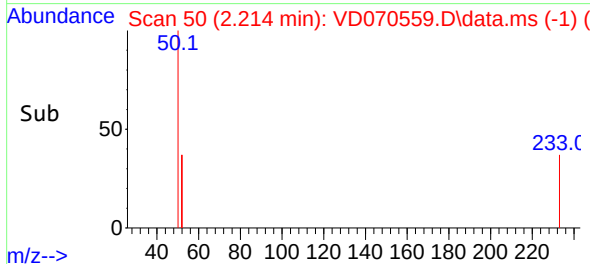
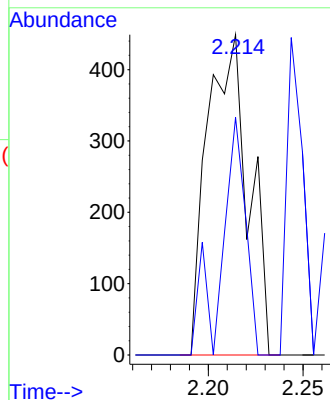
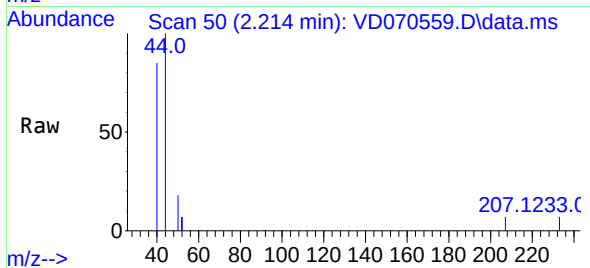




#3
Chloromethane
Concen: Below Cal
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

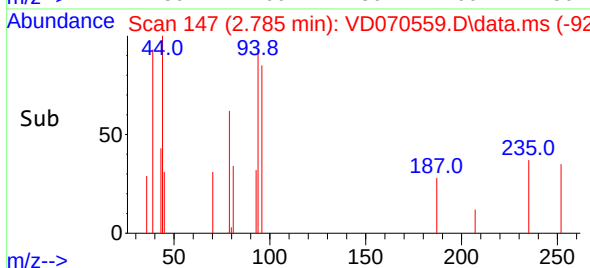
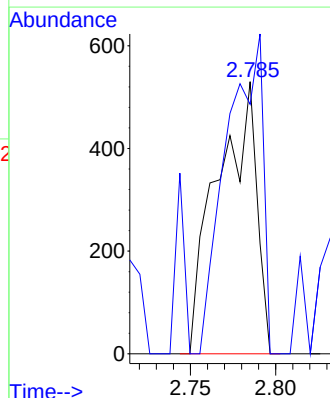
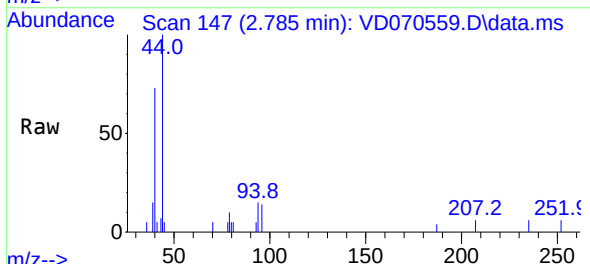
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

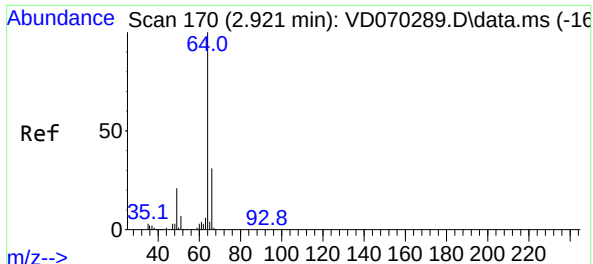
Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 74.2 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 94 Resp: 849
Ion Ratio Lower Upper
94 100
96 91.7 73.0 109.6

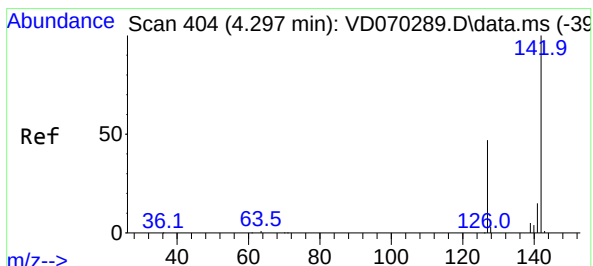
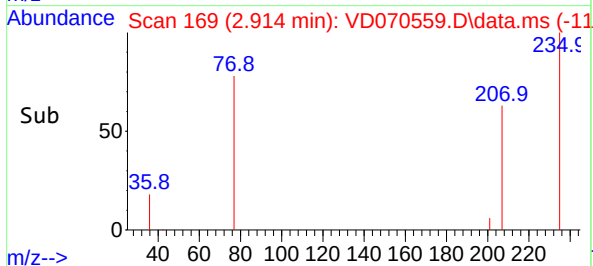
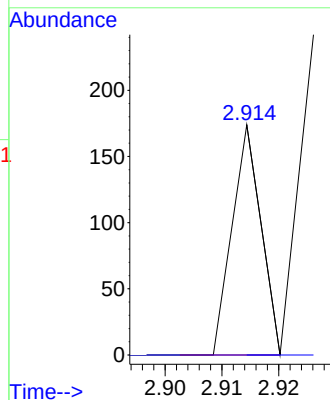
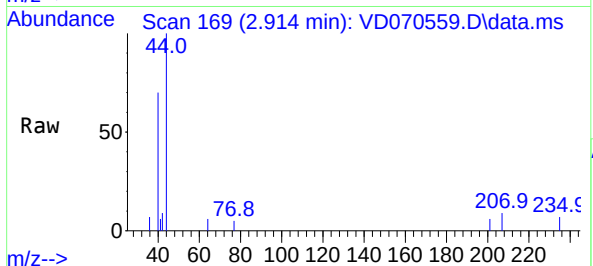




#6
Chloroethane
Concen: Below Cal
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

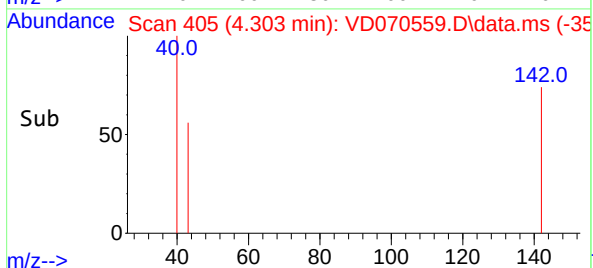
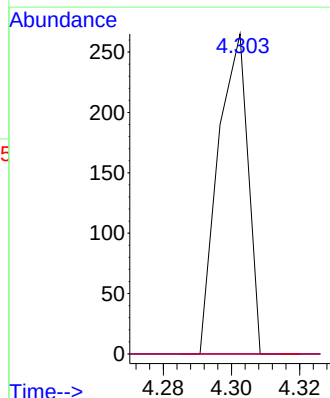
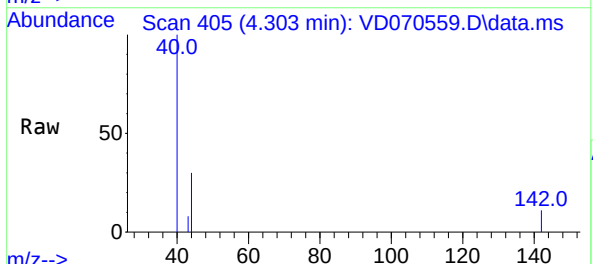
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

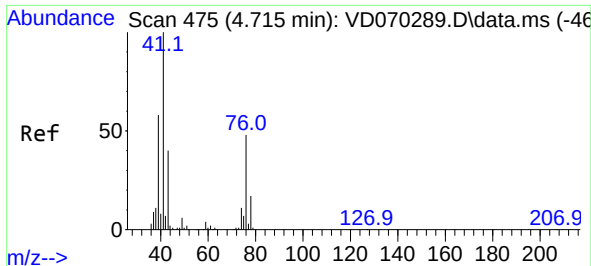
Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.064 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 142 Resp: 161
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.450 min Scan# 430

Delta R.T. -0.265 min

Lab File: VD070559.D

Acq: 04 Oct 2021 19:03

Instrument :

MSVOA_D

ClientSampleId :

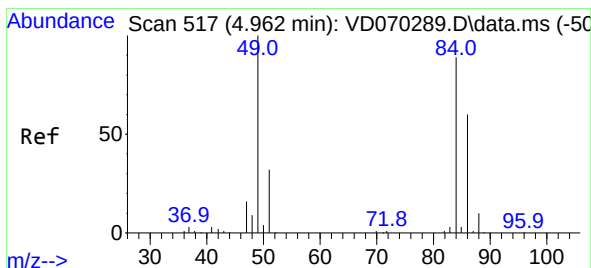
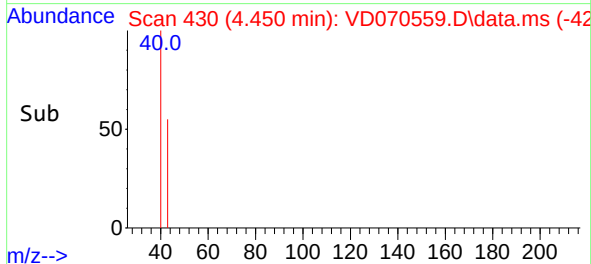
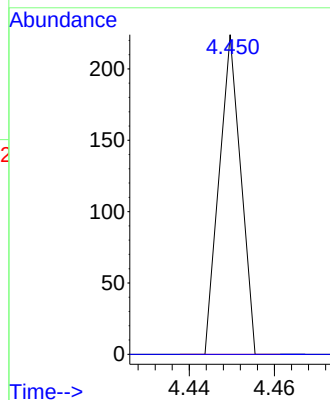
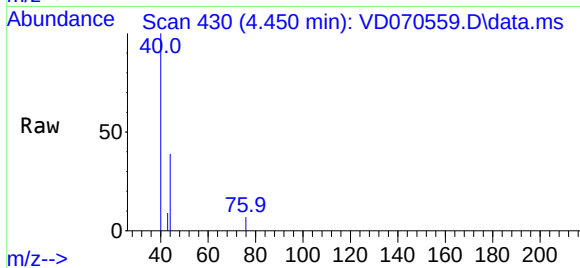
TP-1-(3.0-3.5)

Tgt Ion: 43 Resp: 79

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: VD070559.D

Acq: 04 Oct 2021 19:03

Tgt Ion: 84 Resp: 9520

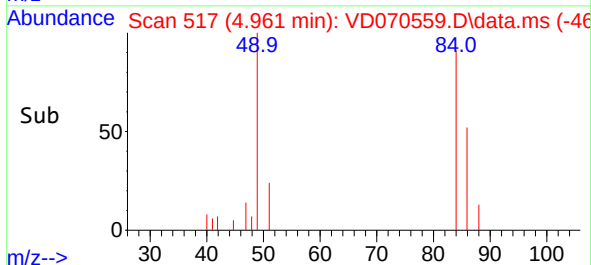
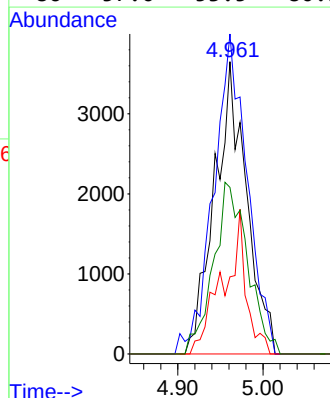
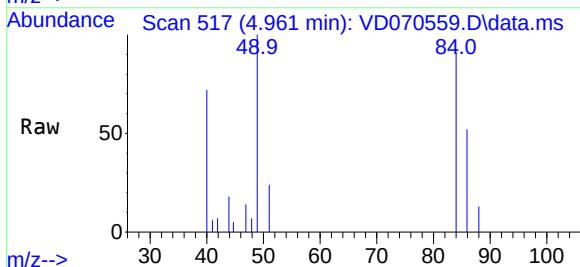
Ion Ratio Lower Upper

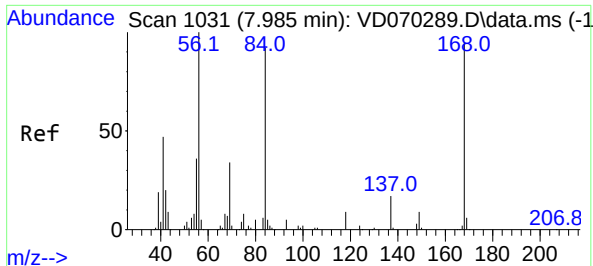
84 100

49 109.5 89.6 134.4

51 26.4 28.6 43.0#

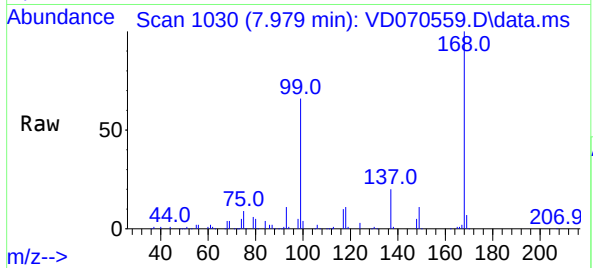
86 57.0 53.5 80.3



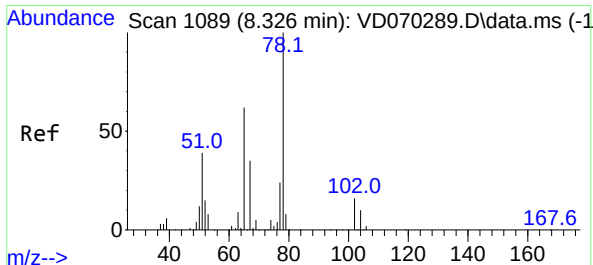
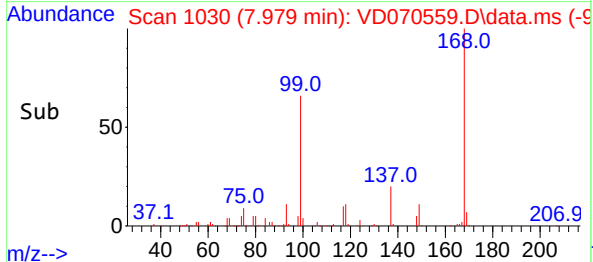
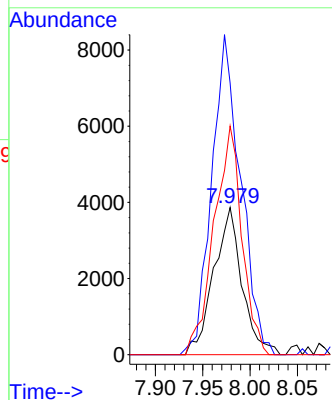


#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

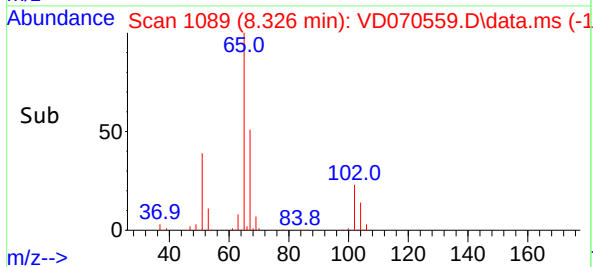
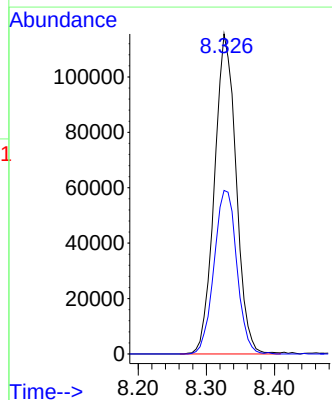
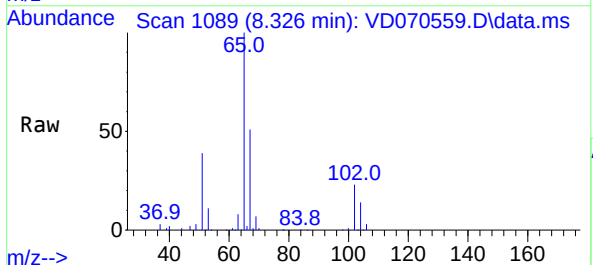


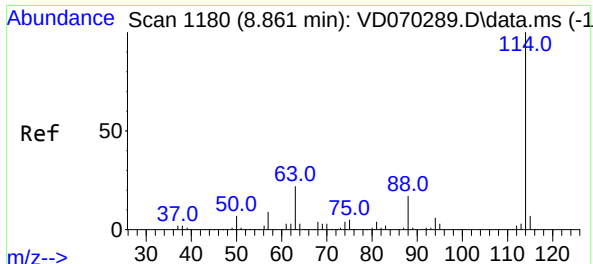
Tgt Ion: 56 Resp: 8057
Ion Ratio Lower Upper
56 100
69 184.5 26.9 40.3#
84 155.2 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 55.353 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 65 Resp: 255808
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.4



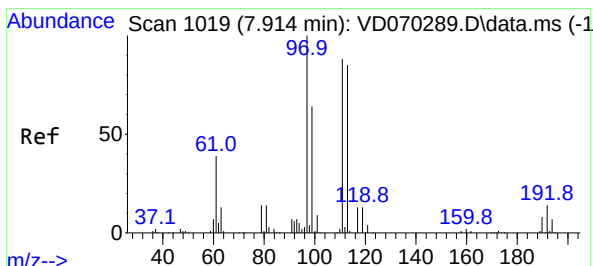
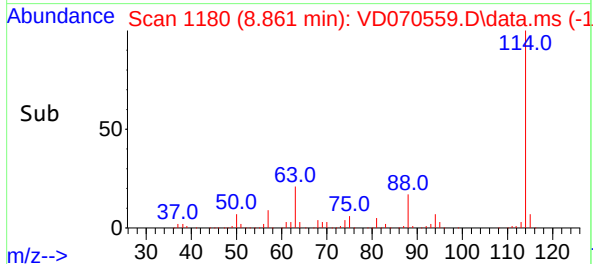
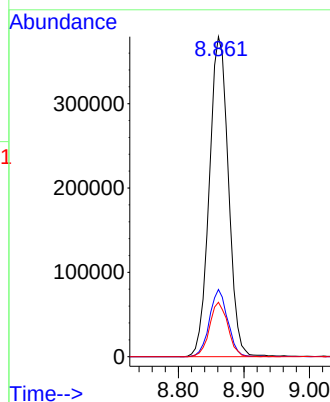
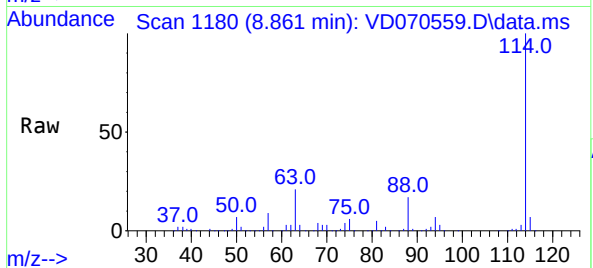


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

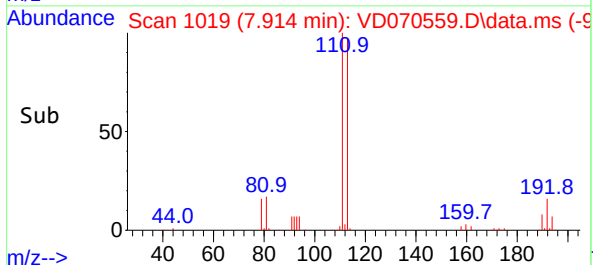
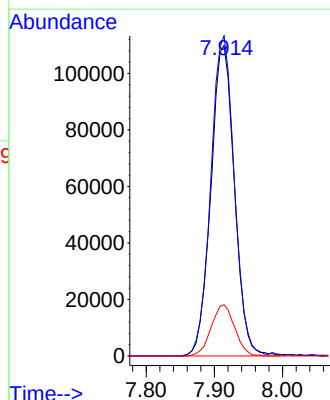
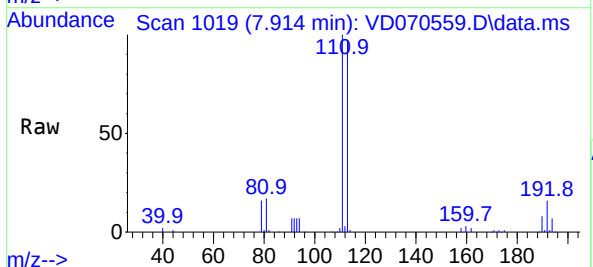
Tgt Ion:114 Resp: 767473
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 17.0 0.0 33.4

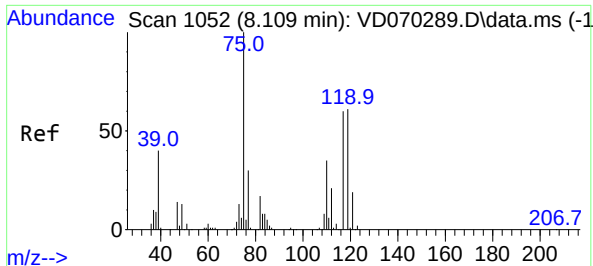


#35

Dibromofluoromethane
Concen: 48.405 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion:113 Resp: 264437
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 16.5 13.0 19.6



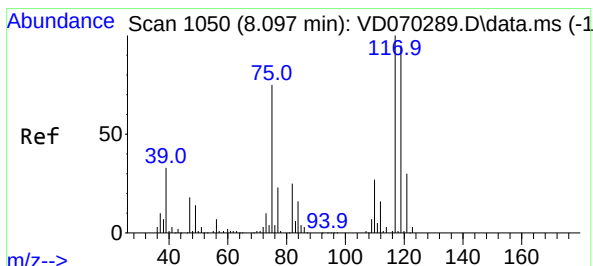
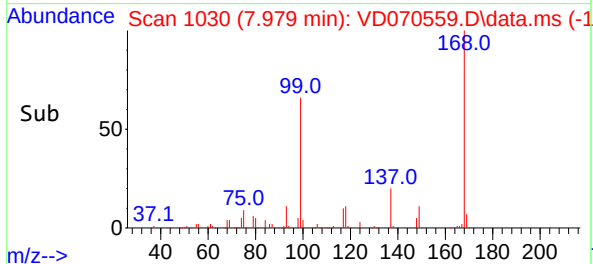
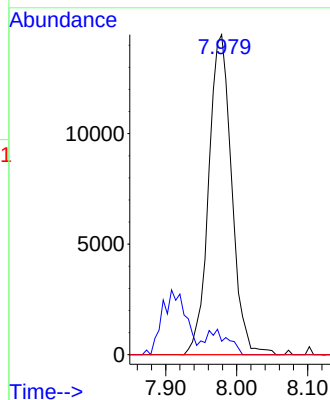
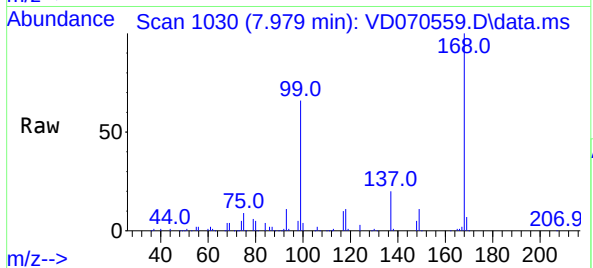


#36

1,1-Dichloropropene
Concen: 3.970 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

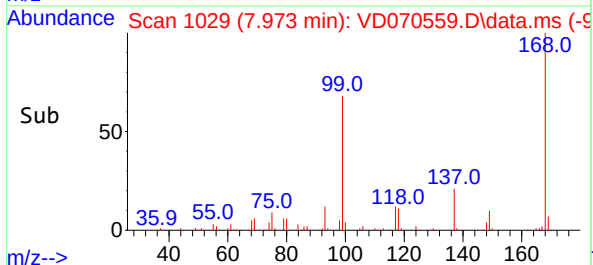
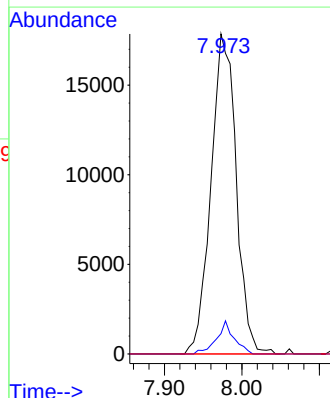
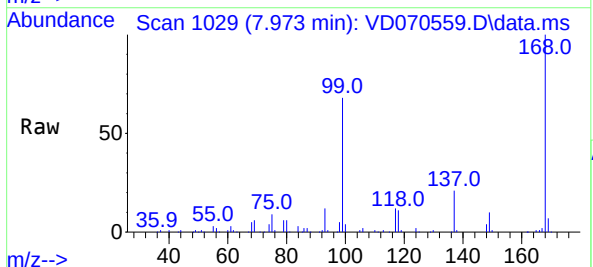
Tgt Ion: 75 Resp: 32571
Ion Ratio Lower Upper
75 100
110 6.5 17.9 53.7#
77 0.0 25.3 37.9#

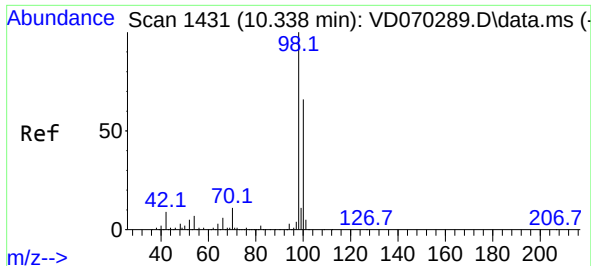


#38

Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 117 Resp: 40451
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 23.8 35.6#

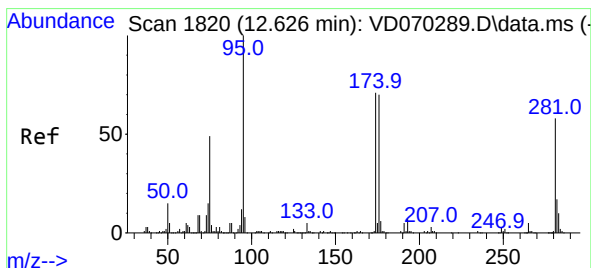
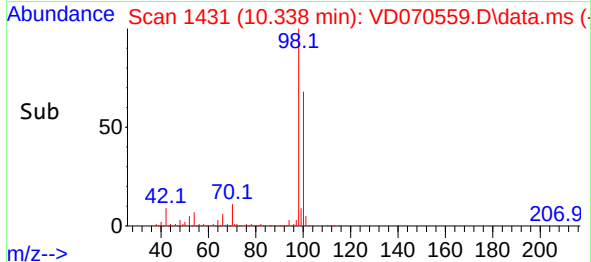
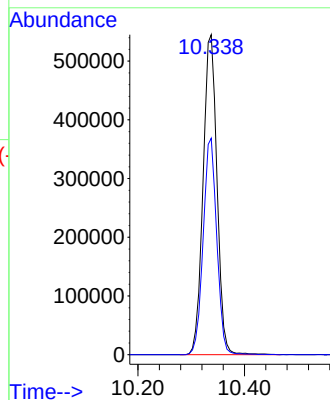
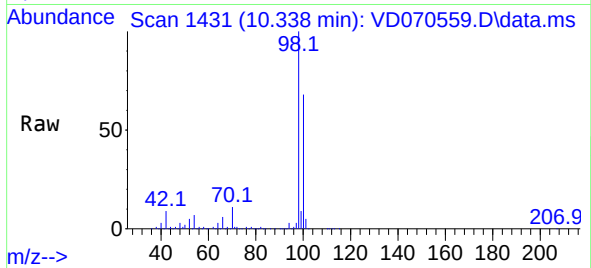




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

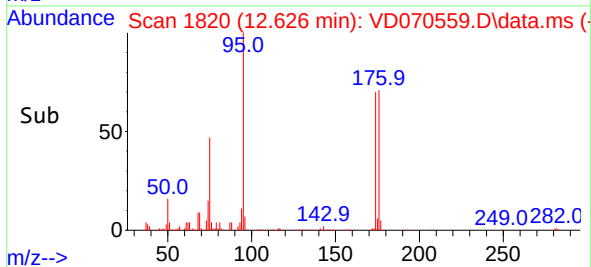
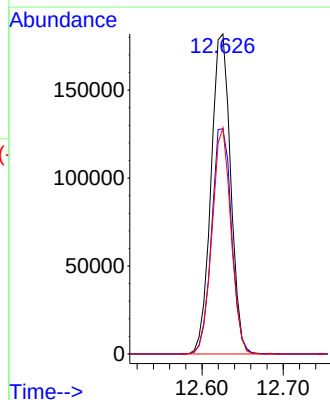
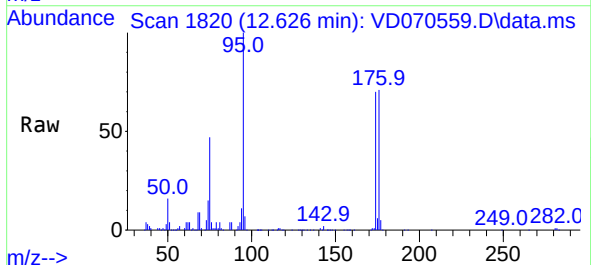
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

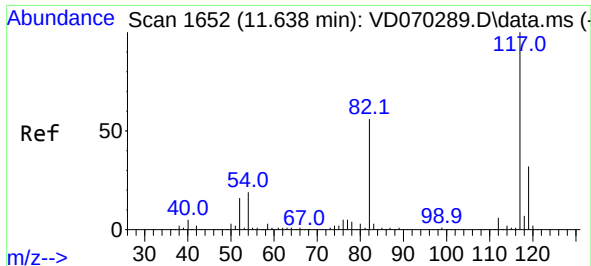
Tgt Ion: 98 Resp: 987677
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.045 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 95 Resp: 305322
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.6
176 68.2 0.0 137.4

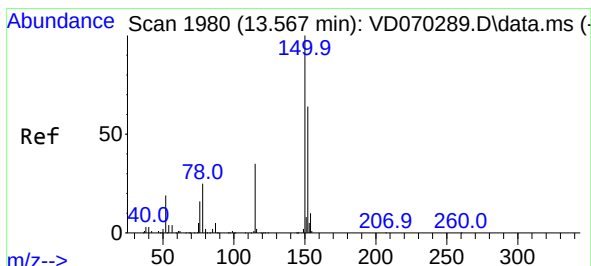
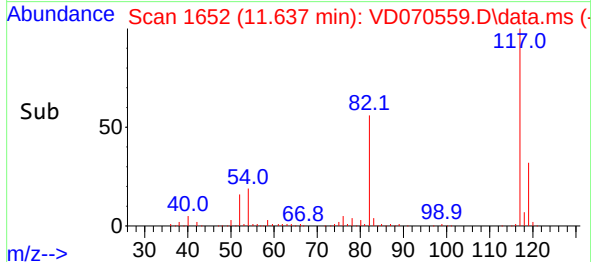
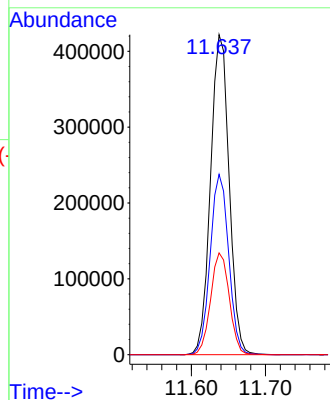
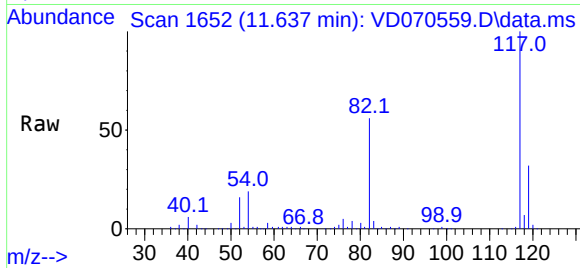




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

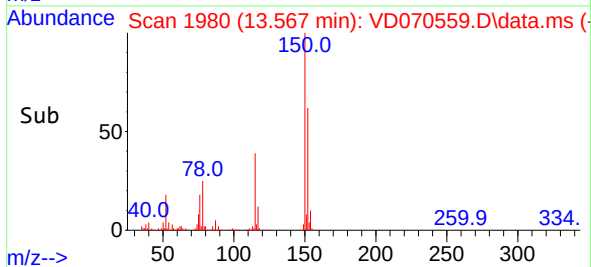
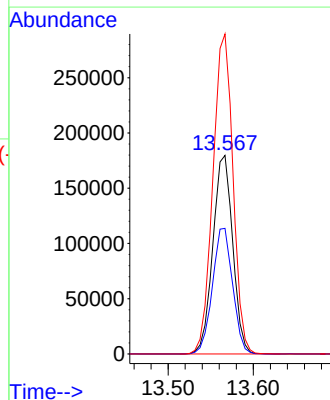
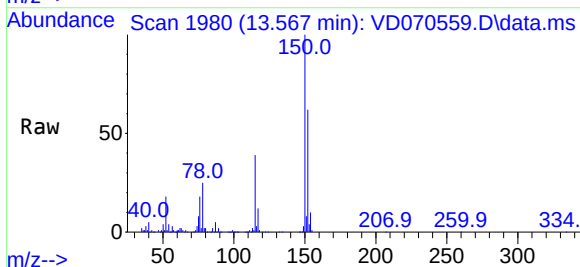
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

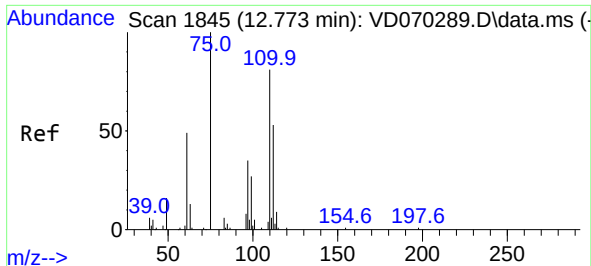
Tgt Ion:117 Resp: 735504
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion:152 Resp: 291218
Ion Ratio Lower Upper
152 100
115 64.3 32.1 96.3
150 162.8 0.0 350.6

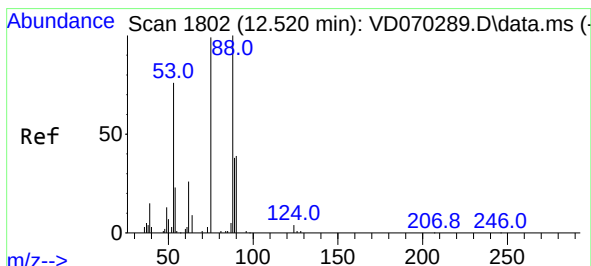
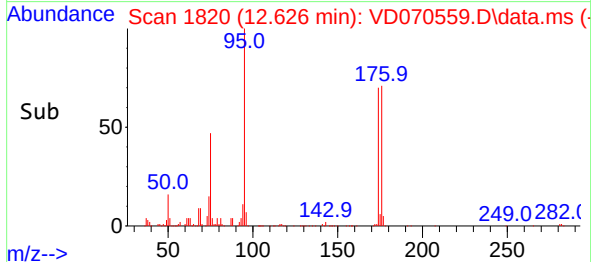
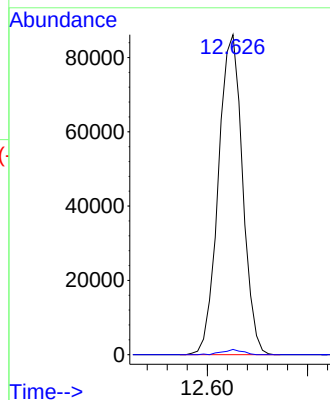
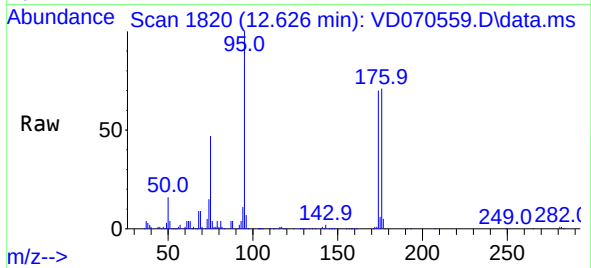




#76
1,2,3-Trichloropropane
Concen: 48.930 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3.0-3.5)

Tgt Ion: 75 Resp: 144133
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.598 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070559.D
Acq: 04 Oct 2021 19:03

Tgt Ion: 75 Resp: 144133
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.0 35.6 53.4#

