

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070624.D
 Acq On : 07 Oct 2021 18:38
 Operator : VA/SY
 Sample : M4117-07
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(1.5-2.0)

Quant Time: Oct 08 04:54:37 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)

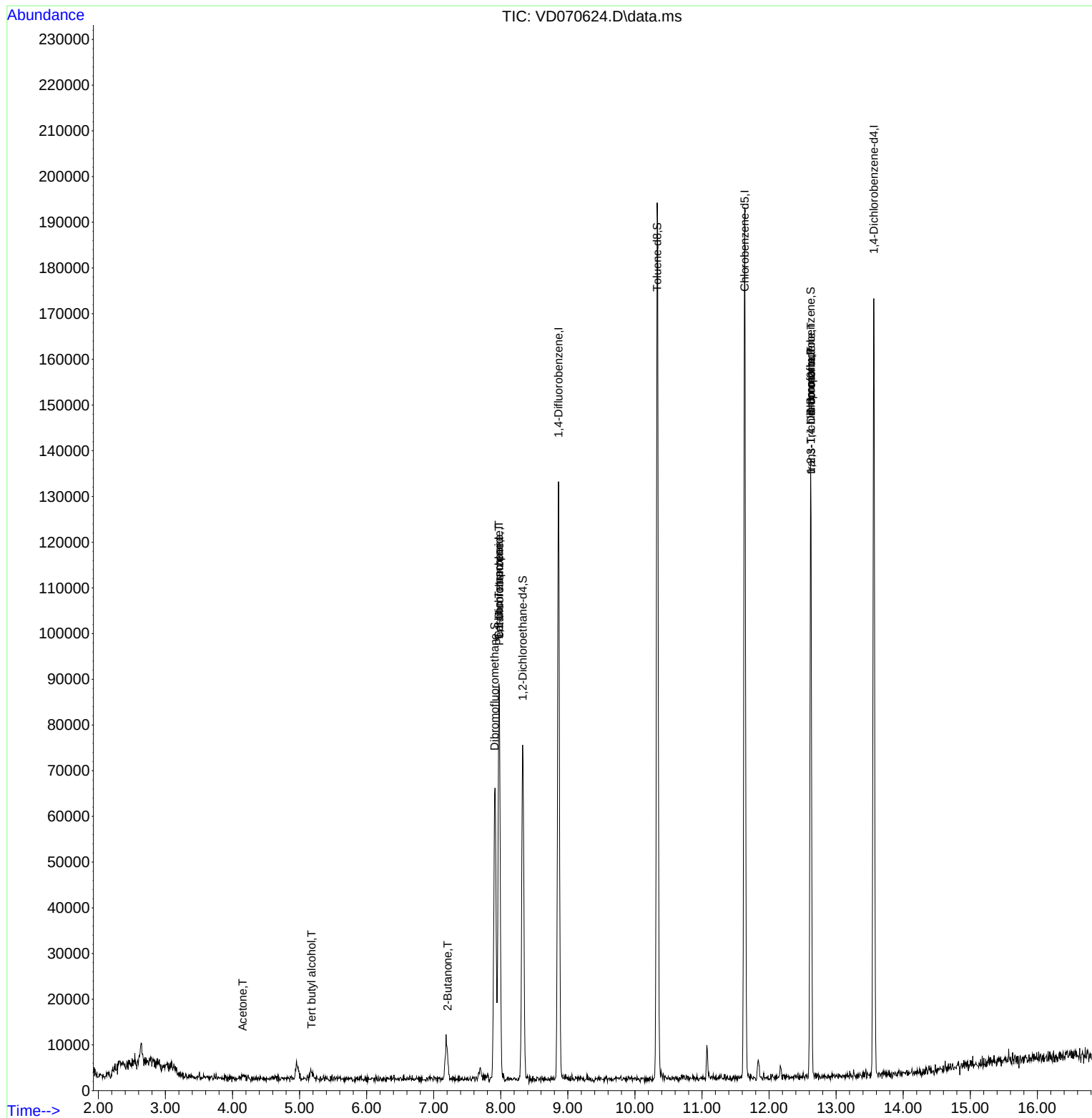
Internal Standards						
1) Pentafluorobenzene	7.979	168	63727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	110231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	115902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	48091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	58504	78.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.02%			
35) Dibromofluoromethane	7.908	113	48698	66.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.90%			
50) Toluene-d8	10.332	98	140257	50.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.12%			
62) 4-Bromofluorobenzene	12.620	95	46469	49.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.26%			
Target Compounds						Qvalue
5) Bromomethane	2.785	94	363	Below Cal		93
11) Tert butyl alcohol	5.179	59	1117	30.07 ug/l #		83
16) Acetone	4.150	43	1638	12.86 ug/l #		40
20) Methylene Chloride	4.956	84	3171	Below Cal #		78
25) 2-Butanone	7.208	43	337	2.02 ug/l #		43
36) 1,1-Dichloropropene	7.973	75	5077	4.34 ug/l #		46
38) Carbon Tetrachloride	7.973	117	7217	5.89 ug/l #		12
59) 2-Hexanone	11.073	43	71	Below Cal #		20
71) Bromoform	12.620	173	471	1.09 ug/l #		1
76) 1,2,3-Trichloropropane	12.626	75	21096	48.47 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.626	75	21096	107.60 ug/l #		17

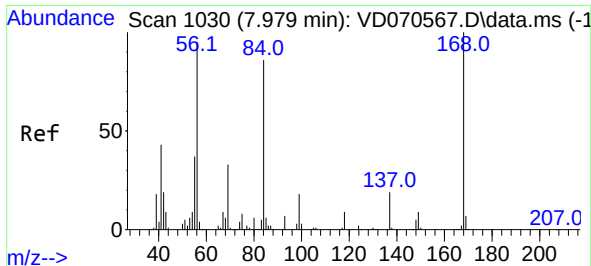
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(1.5-2.0)

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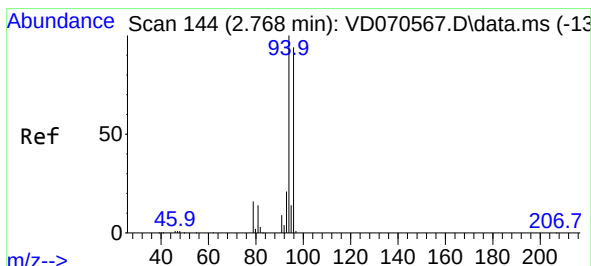
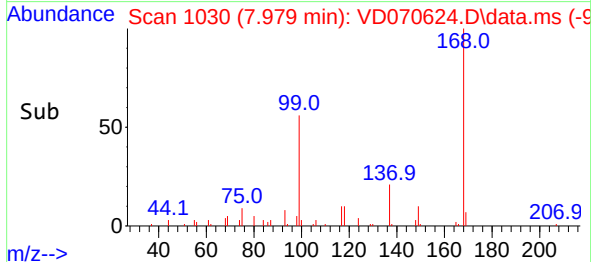
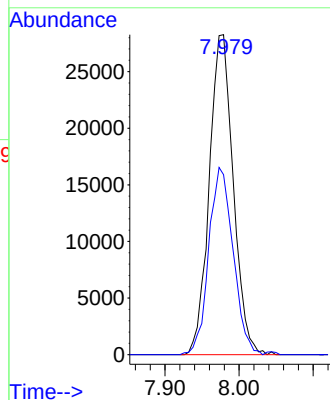
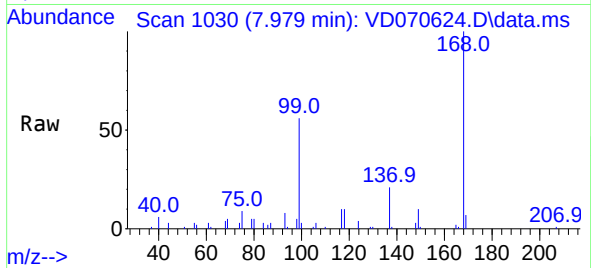




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

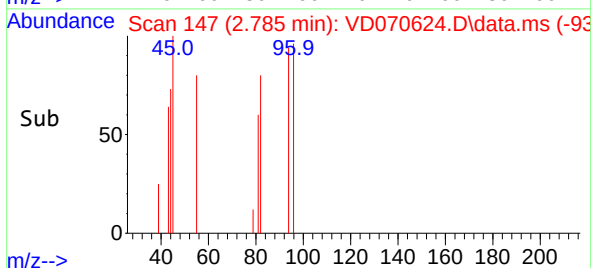
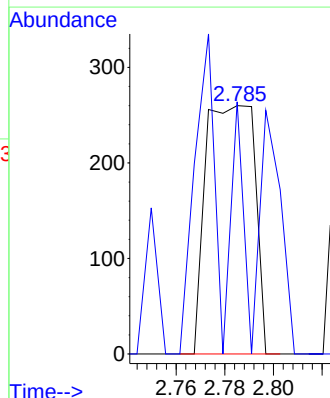
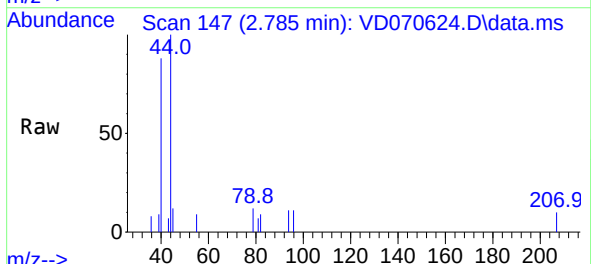
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

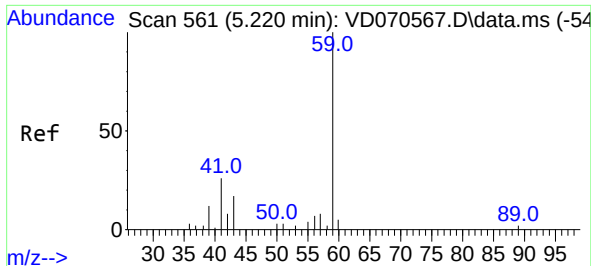
Tgt Ion:168 Resp: 63727
Ion Ratio Lower Upper
168 100
99 56.3 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 101.5 75.5 113.3



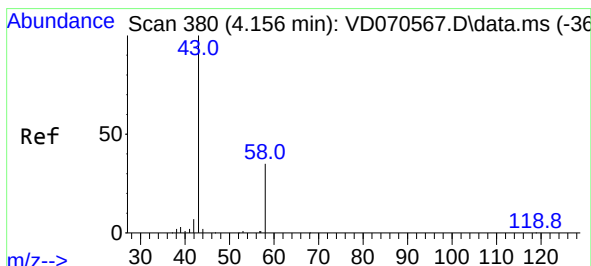
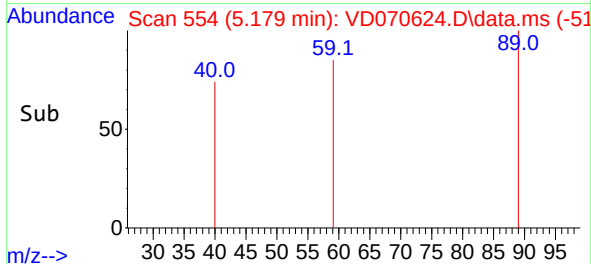
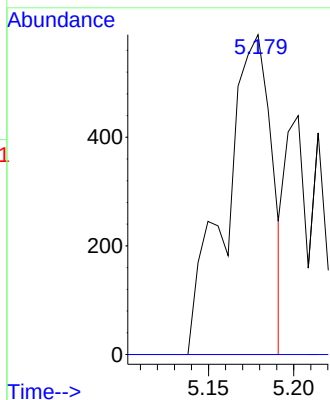
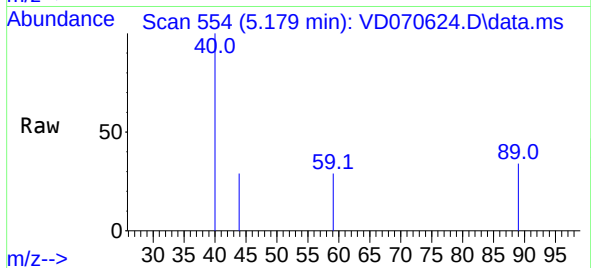


#11

Tert butyl alcohol
Concen: 30.07 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

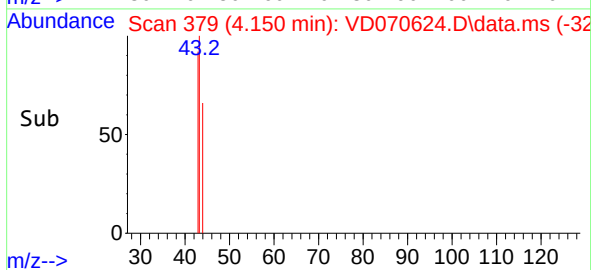
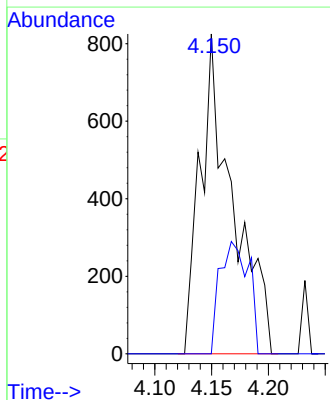
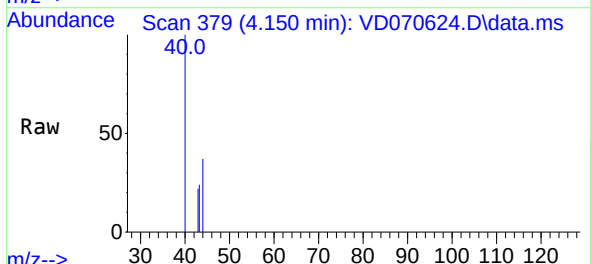
Tgt Ion: 59 Resp: 1117
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

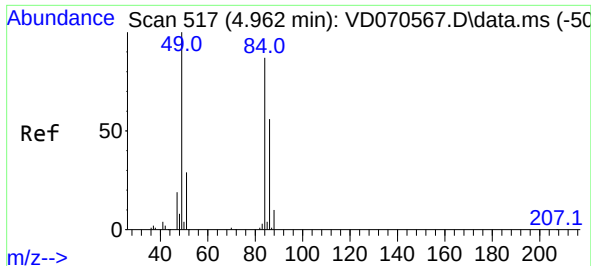


#16

Acetone
Concen: 12.86 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

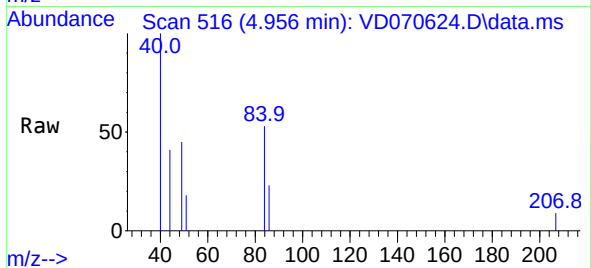
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



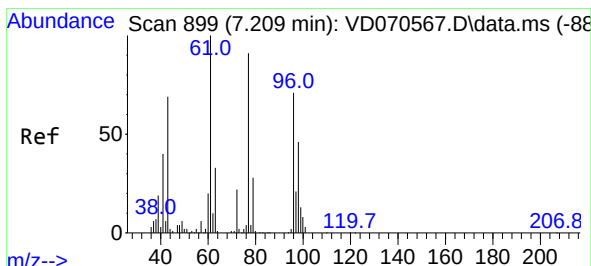
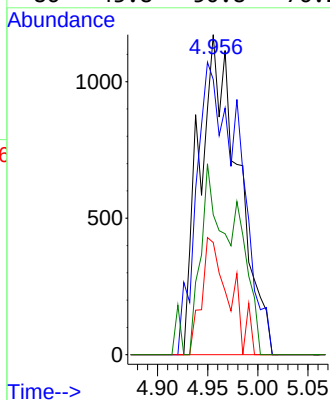
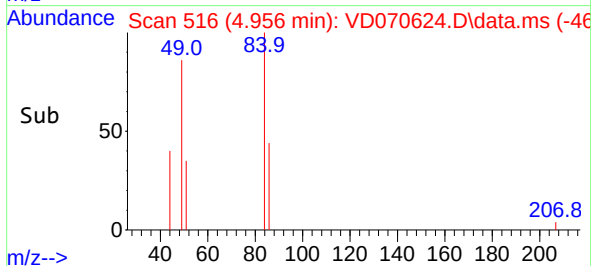


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

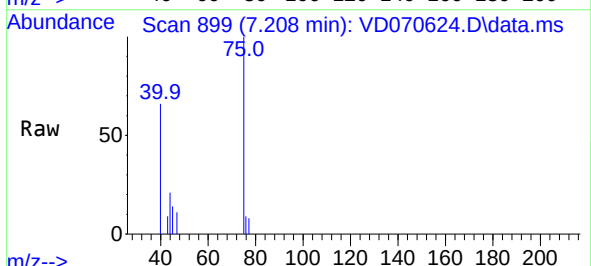
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)



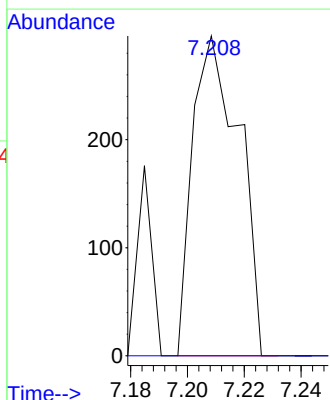
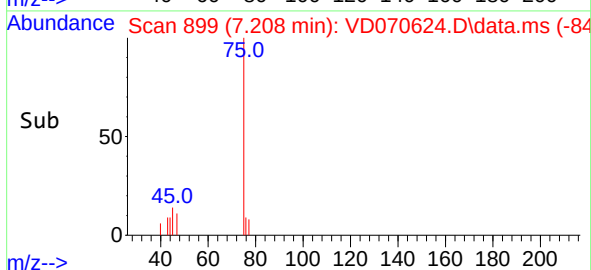
Tgt Ion: 84 Resp: 3171
Ion Ratio Lower Upper
84 100
49 86.0 91.4 137.2#
51 35.1 26.7 40.1
86 43.8 50.8 76.2#

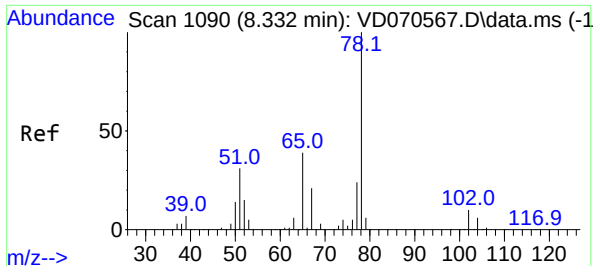


#25
2-Butanone
Concen: 2.02 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38



Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#

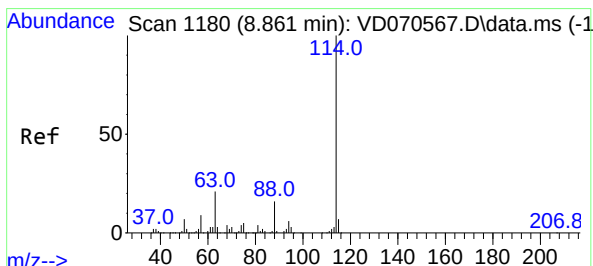
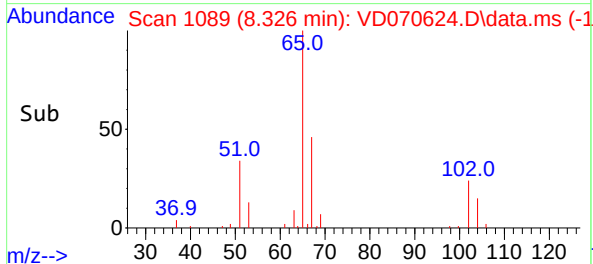
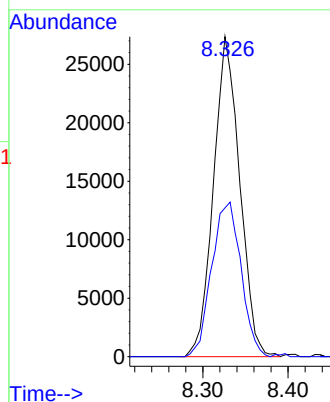
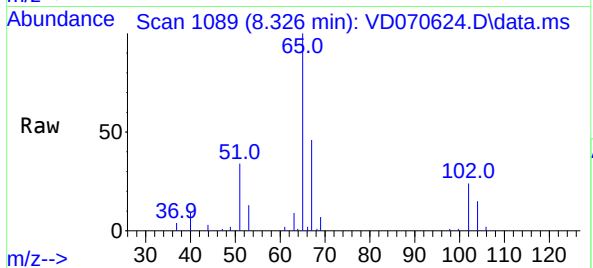




#33
1,2-Dichloroethane-d4
Concen: 78.01 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

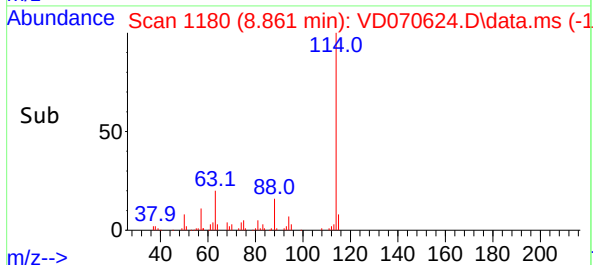
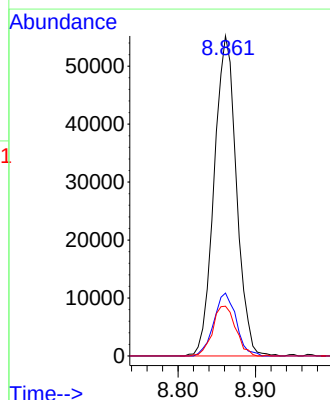
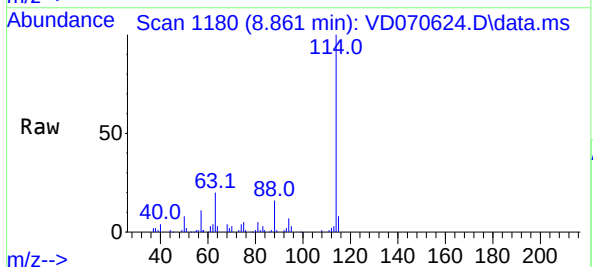
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

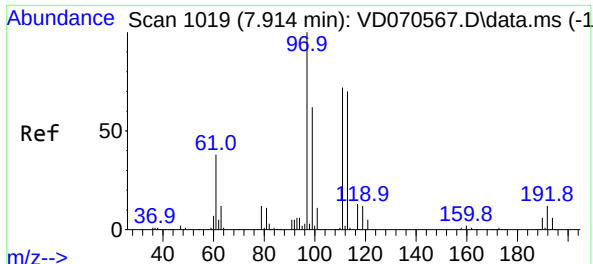
Tgt Ion: 65 Resp: 58504
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion: 114 Resp: 110231
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 66.45 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070624.D

Acq: 07 Oct 2021 18:38

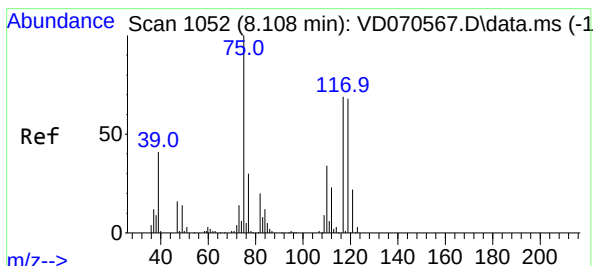
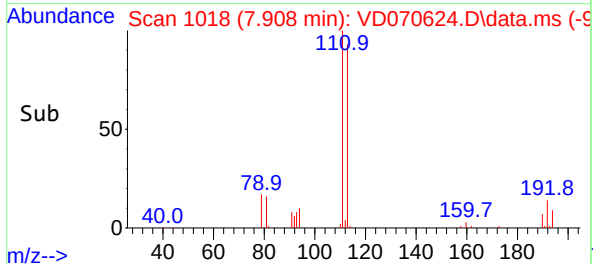
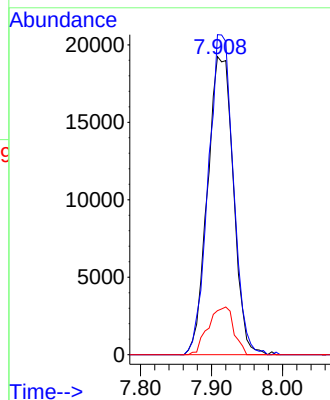
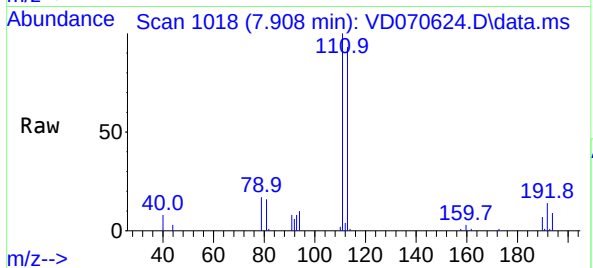
Tgt Ion:113 Resp: 48698

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

192 15.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.34 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070624.D

Acq: 07 Oct 2021 18:38

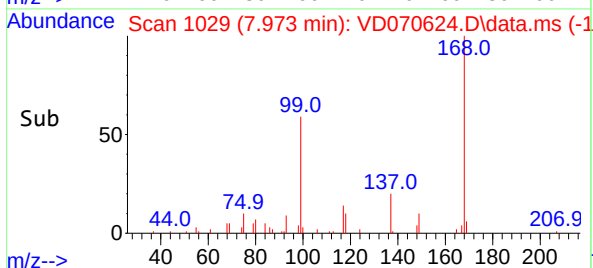
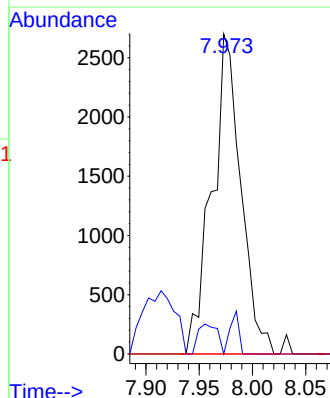
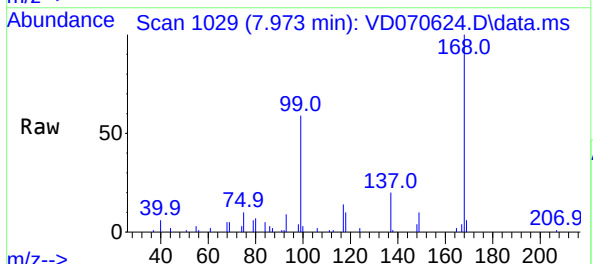
Tgt Ion: 75 Resp: 5077

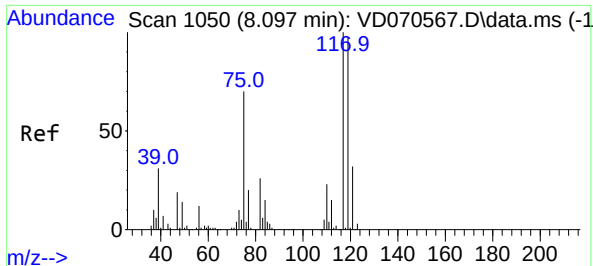
Ion Ratio Lower Upper

75 100

110 4.0 17.2 51.6#

77 0.0 24.2 36.4#

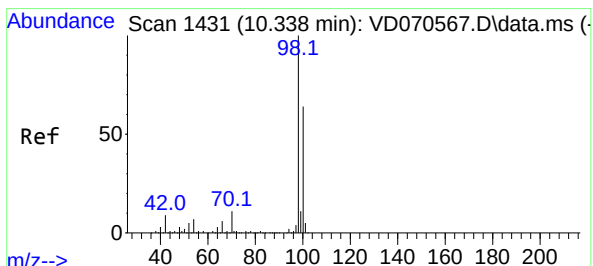
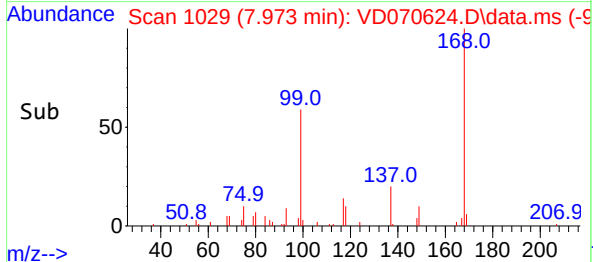
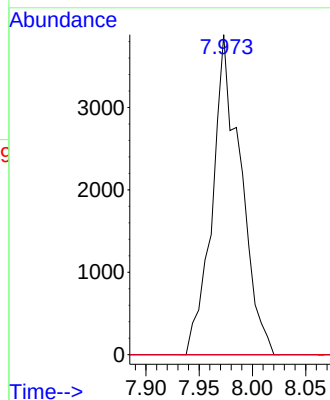
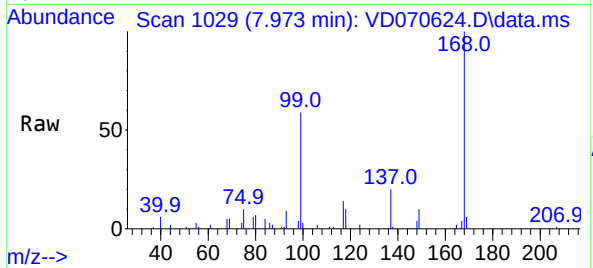




#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

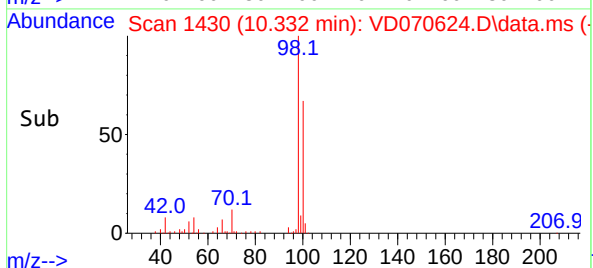
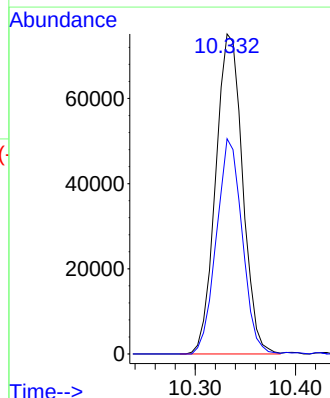
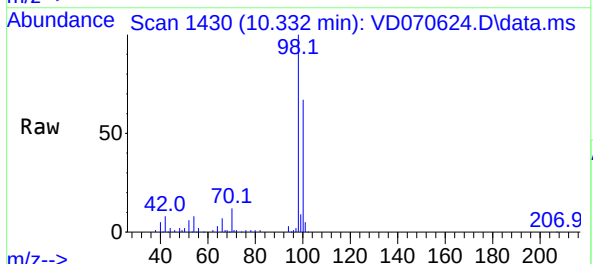
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

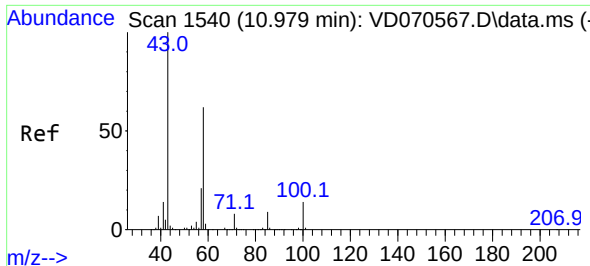
Tgt Ion:117 Resp: 7217
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion: 98 Resp: 140257
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

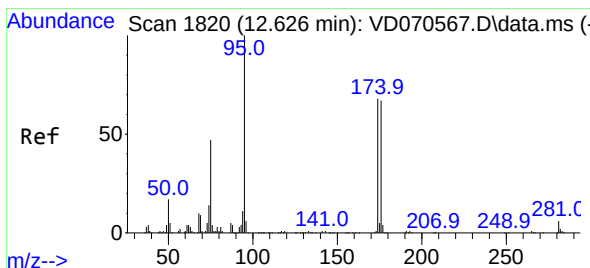
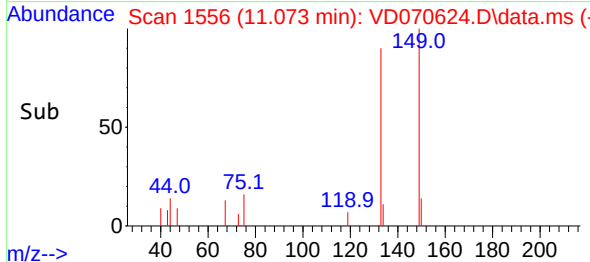
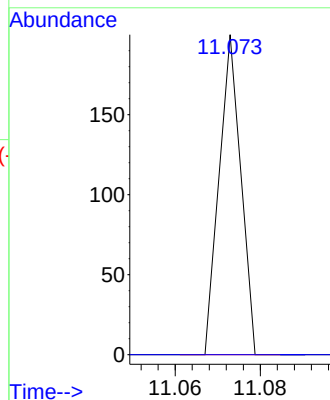
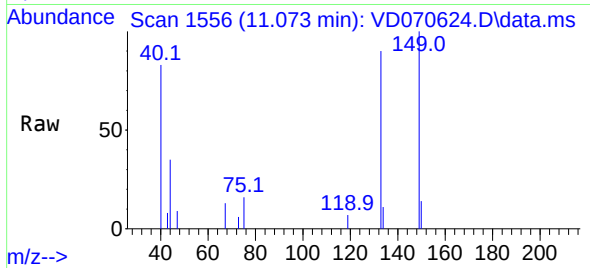




#59
2-Hexanone
Concen: Below Cal
RT: 11.073 min Scan# 1556
Delta R.T. 0.094 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

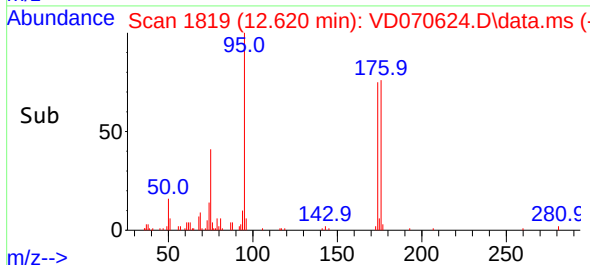
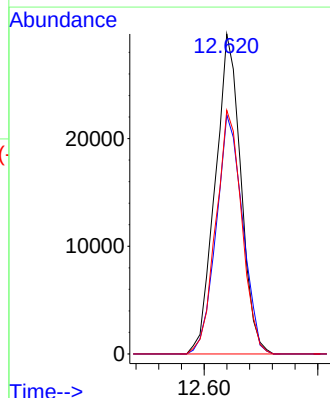
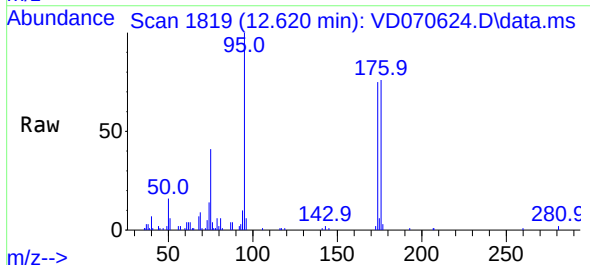
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

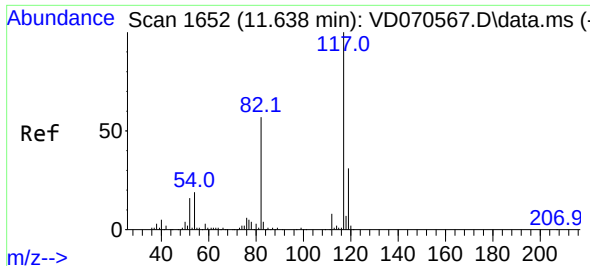
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 49.63 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

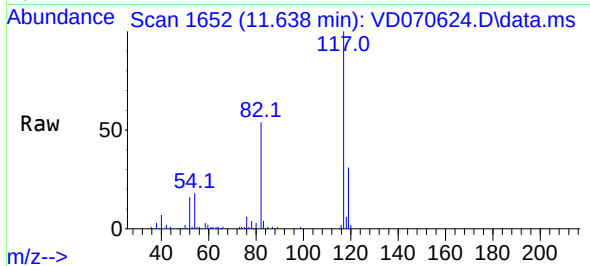
Tgt Ion: 95 Resp: 46469
Ion Ratio Lower Upper
95 100
174 77.1 0.0 138.0
176 76.9 0.0 135.6



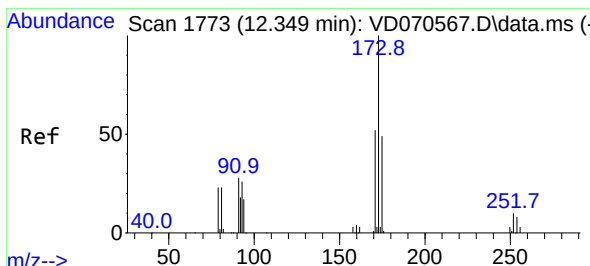
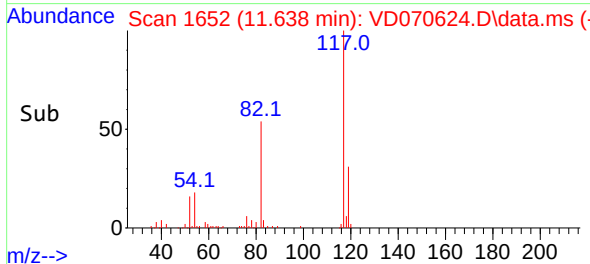
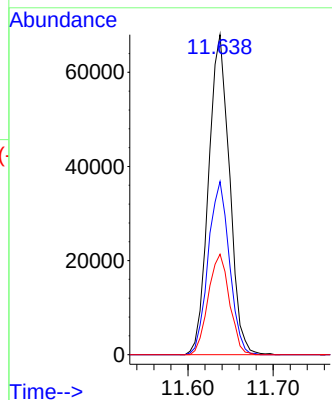


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

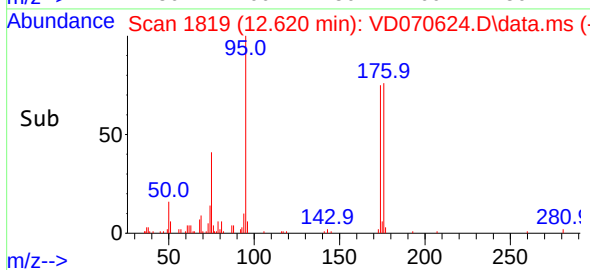
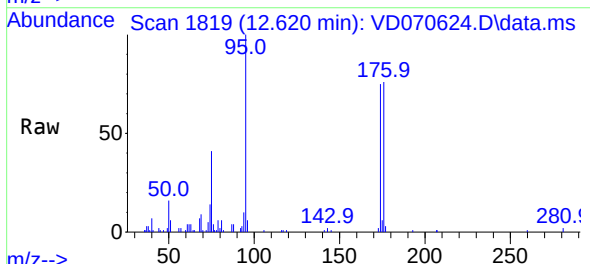
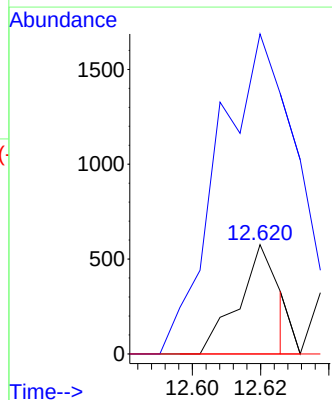


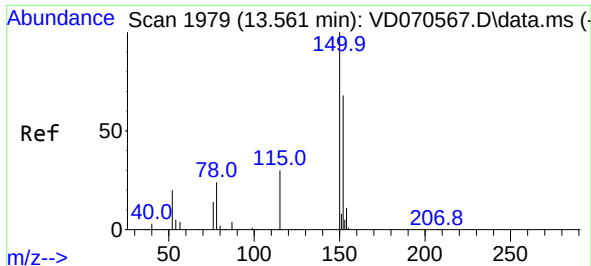
Tgt Ion:117 Resp: 115902
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.4 24.7 37.1



#71
Bromoform
Concen: 1.09 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.270 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Tgt Ion:173 Resp: 471
Ion Ratio Lower Upper
173 100
175 467.1 24.4 73.4#
254 0.0 0.0 0.0

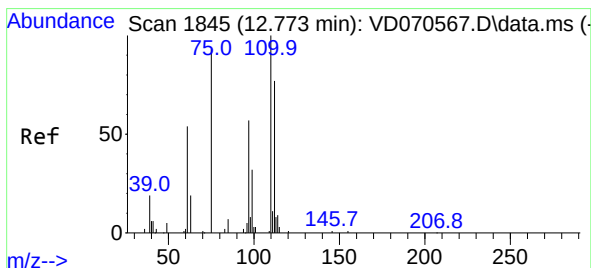
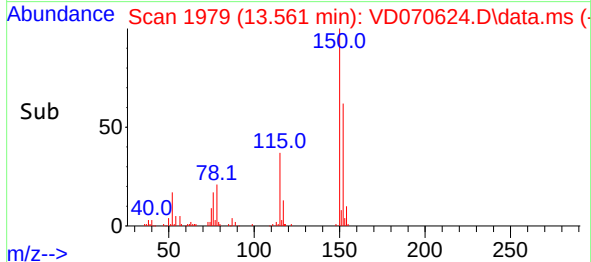
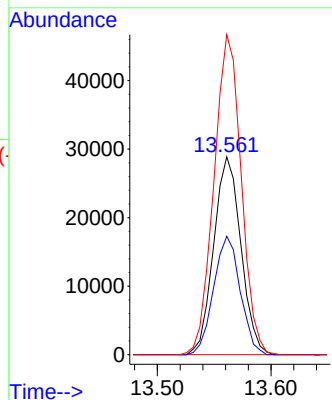
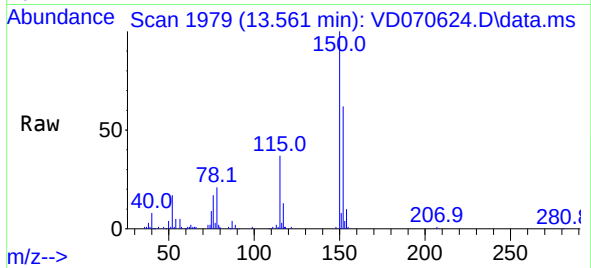




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

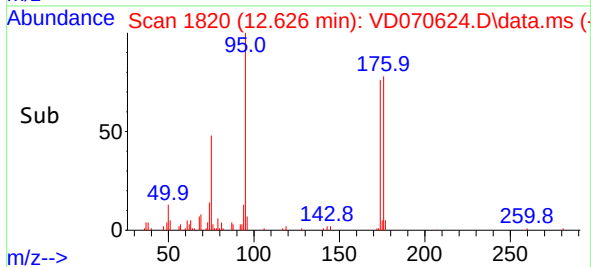
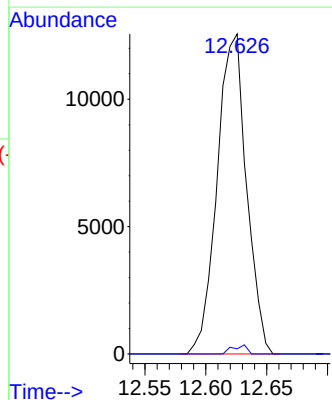
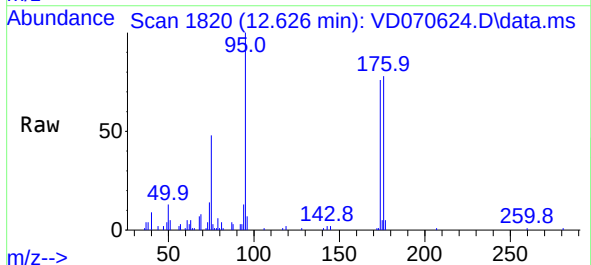
Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)

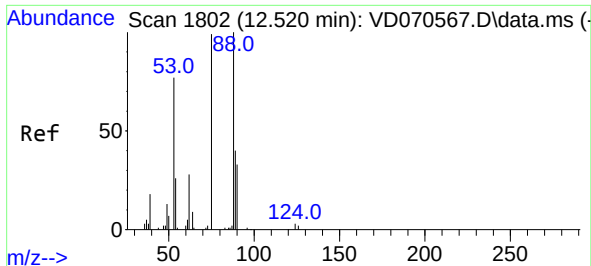
Tgt Ion:152 Resp: 48091
Ion Ratio Lower Upper
152 100
115 58.4 31.9 95.7
150 162.0 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 48.47 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

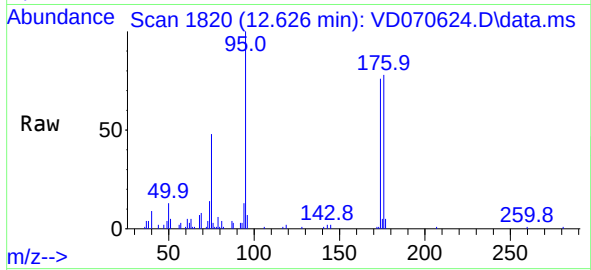
Tgt Ion: 75 Resp: 21096
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.60 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070624.D
Acq: 07 Oct 2021 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-3(1.5-2.0)



Tgt Ion: 75 Resp: 21096
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

