

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070622.D
 Acq On : 07 Oct 2021 17:40
 Operator : VA/SY
 Sample : M4117-03
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(6.5-7.0)

Quant Time: Oct 08 04:54:01 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)

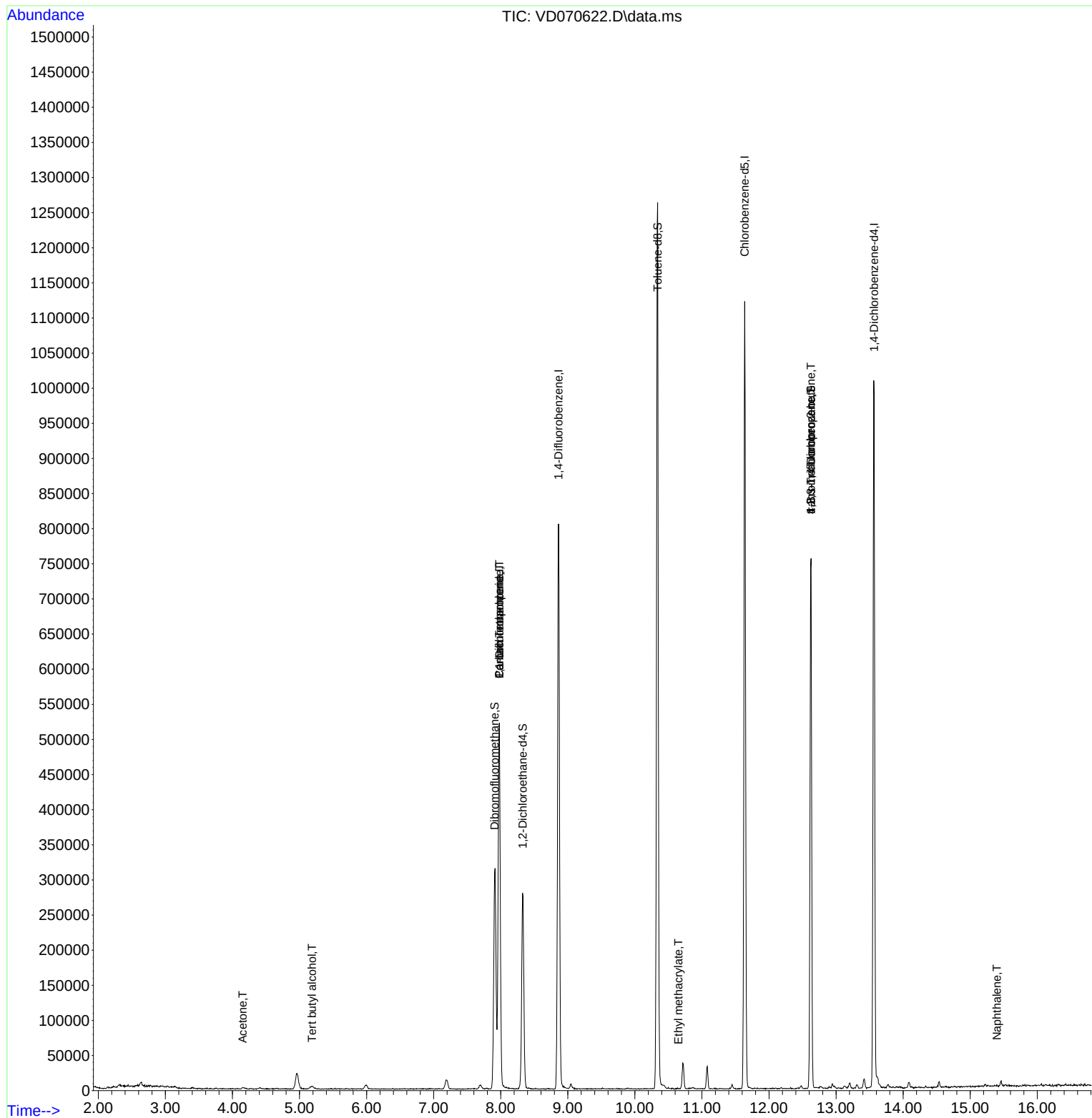
Internal Standards						
1) Pentafluorobenzene	7.979	168	364584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	706134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	275167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220062	51.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	102.58%		
35) Dibromofluoromethane	7.908	113	234178	49.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.76%		
50) Toluene-d8	10.338	98	901580	50.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.46%		
62) 4-Bromofluorobenzene	12.626	95	266926	44.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.00%		
Target Compounds						
5) Bromomethane	2.773	94	1033	Below Cal	#	73
11) Tert butyl alcohol	5.185	59	4264	20.06	ug/l #	83
16) Acetone	4.150	43	4040	5.54	ug/l	97
20) Methylene Chloride	4.956	84	19190	Below Cal		97
36) 1,1-Dichloropropene	7.979	75	31661	4.22	ug/l #	50
38) Carbon Tetrachloride	7.979	117	40942	5.22	ug/l #	15
56) Ethyl methacrylate	10.650	69	163	1.41	ug/l #	32
59) 2-Hexanone	11.085	43	365	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.626	75	125788	50.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	125788	112.13	ug/l #	17
95) Naphthalene	15.396	128	64	2.50	ug/l #	69

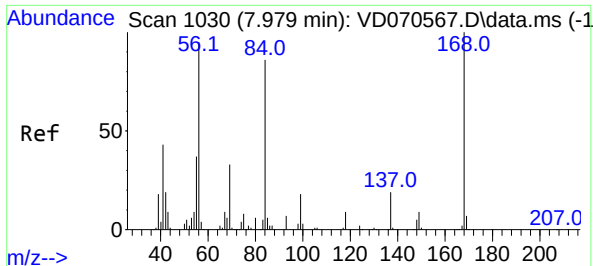
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070622.D
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Misc : 4.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

Quant Time: Oct 08 04:54:01 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

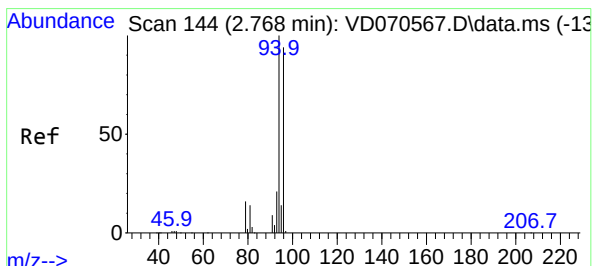
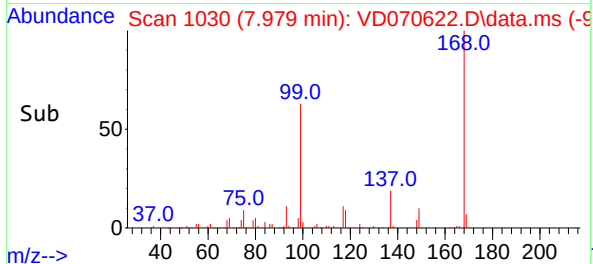
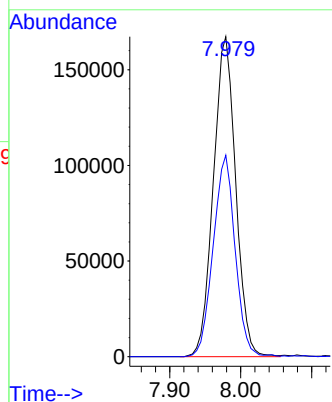
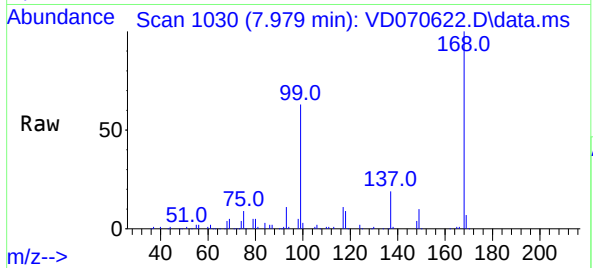




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

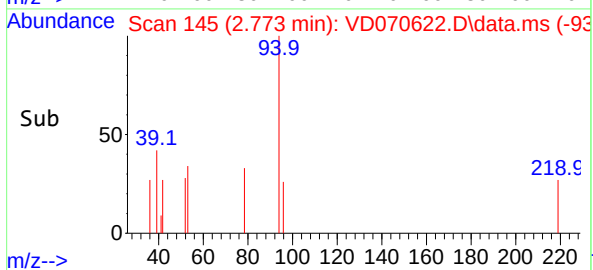
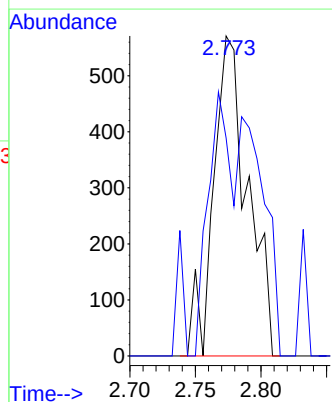
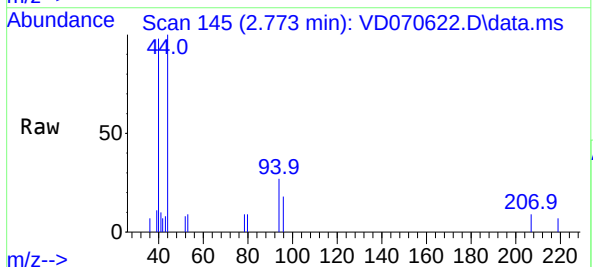
Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

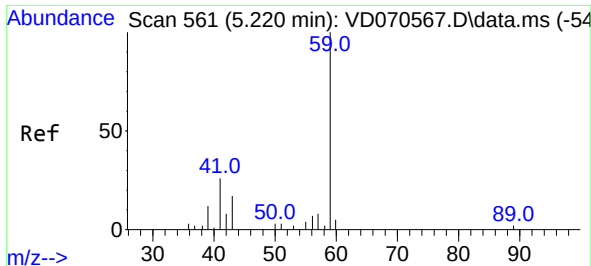
Tgt Ion:168 Resp: 364584
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion: 94 Resp: 1033
Ion Ratio Lower Upper
94 100
96 68.1 75.5 113.3#



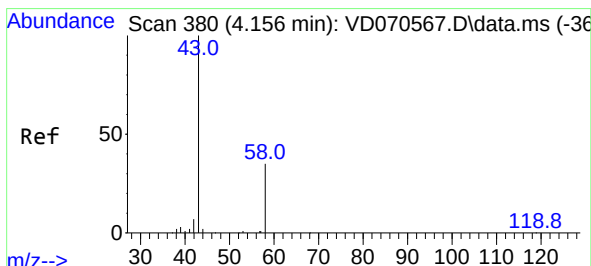
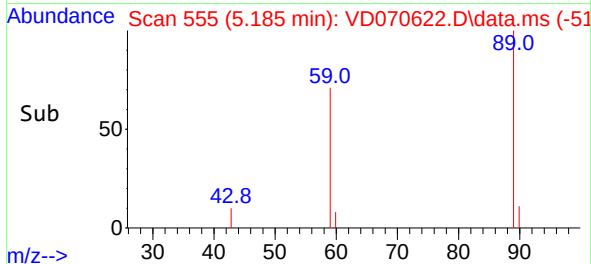
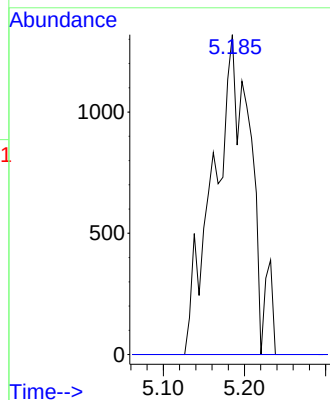
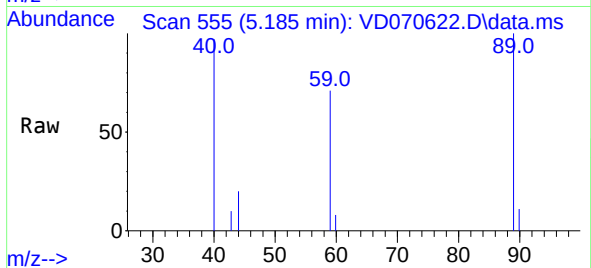


#11

Tert butyl alcohol
Concen: 20.06 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

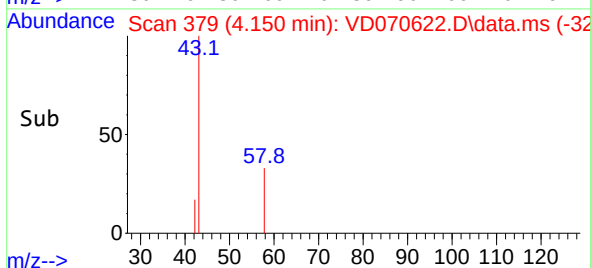
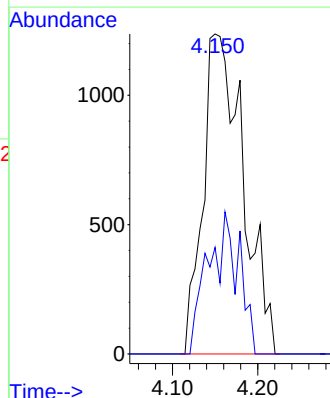
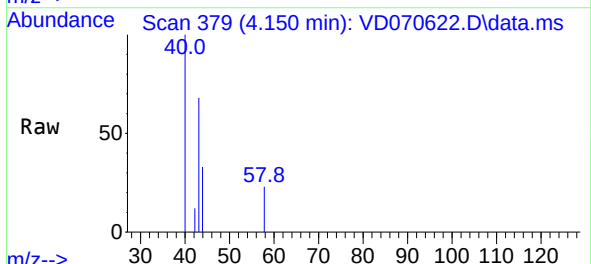
Tgt Ion: 59 Resp: 4264
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

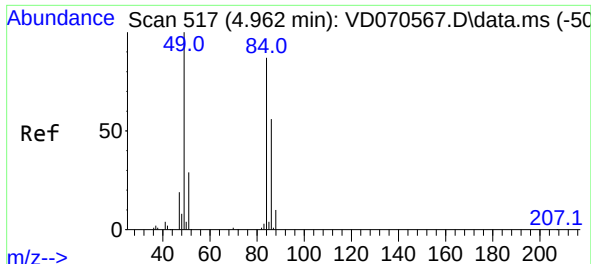


#16

Acetone
Concen: 5.54 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

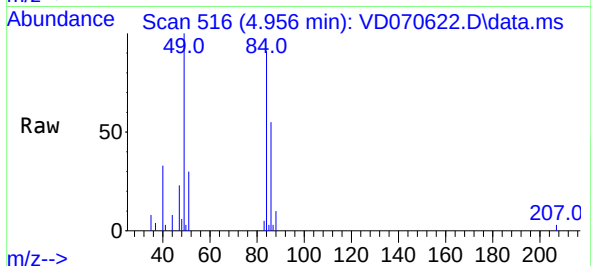
Tgt Ion: 43 Resp: 4040
Ion Ratio Lower Upper
43 100
58 33.3 28.2 42.2



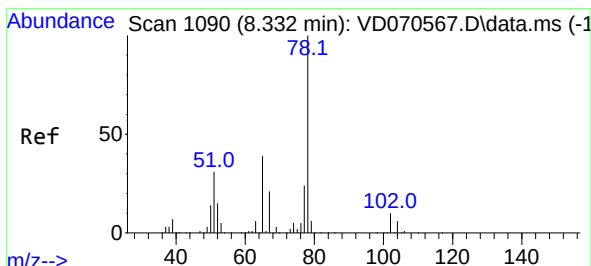
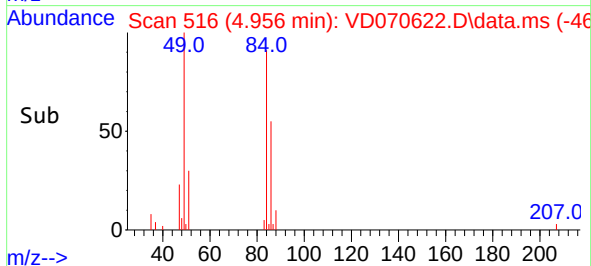
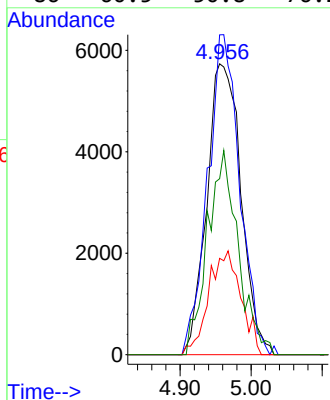


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

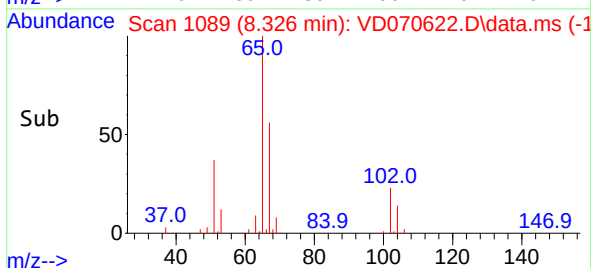
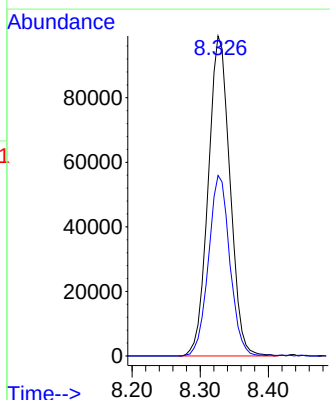
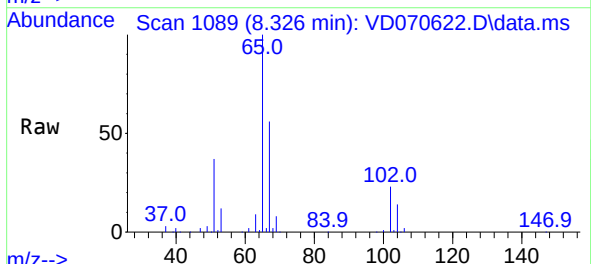


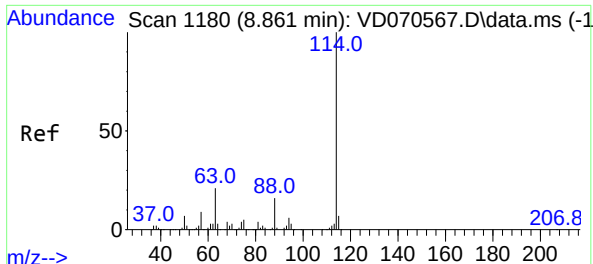
Tgt Ion:	84	Resp:	19190
Ion	Ratio	Lower	Upper
84	100		
49	109.9	91.4	137.2
51	33.1	26.7	40.1
86	60.5	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 51.29 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion:	65	Resp:	220062
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.2



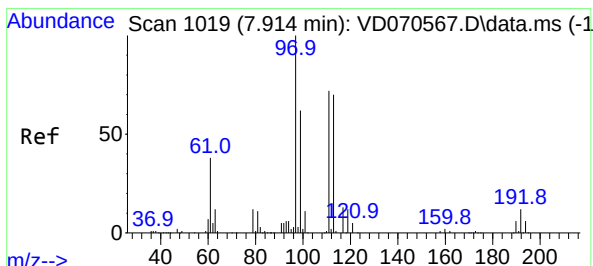
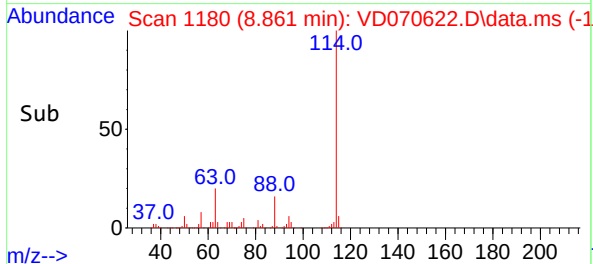
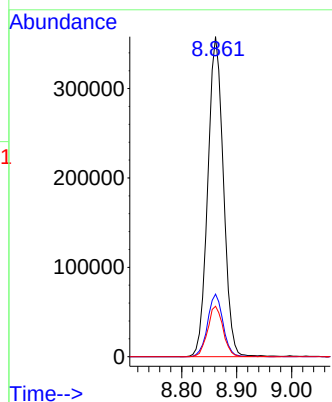
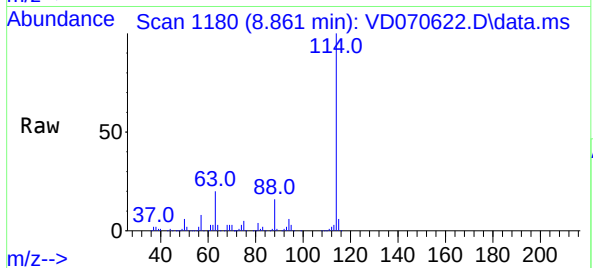


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion:114 Resp: 706134

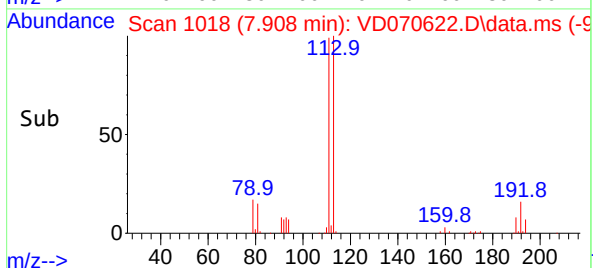
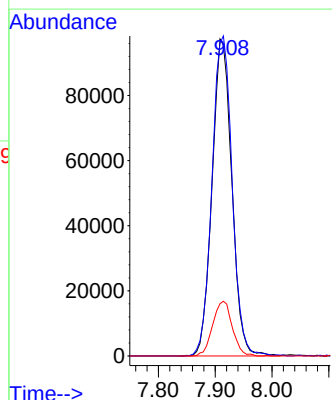
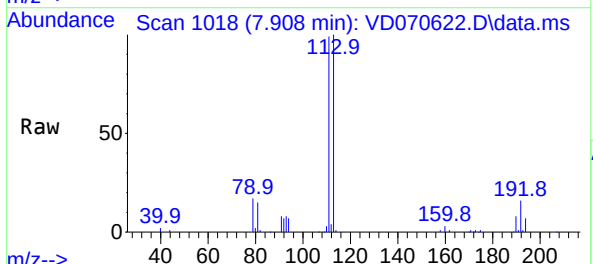
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.8
88	15.8	0.0	32.6

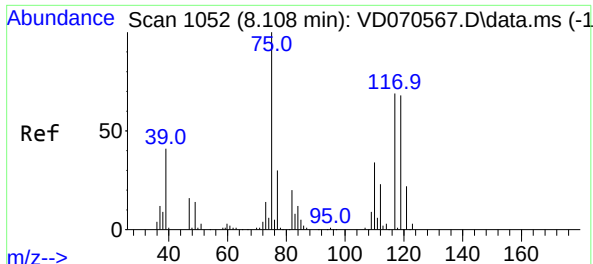


#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion:113 Resp: 234178

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	17.2	12.7	19.1



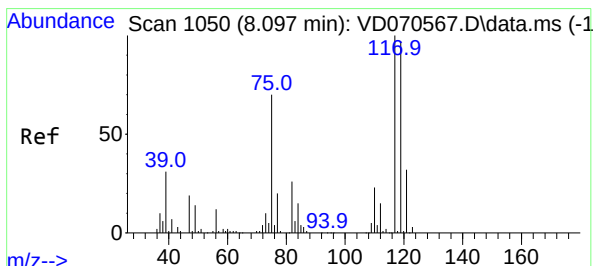
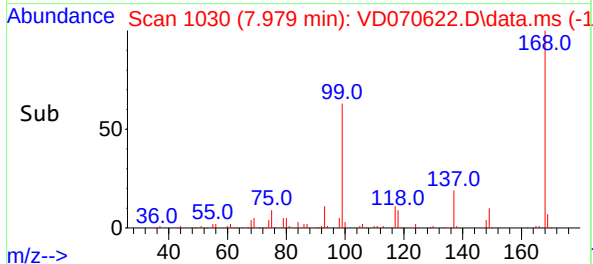
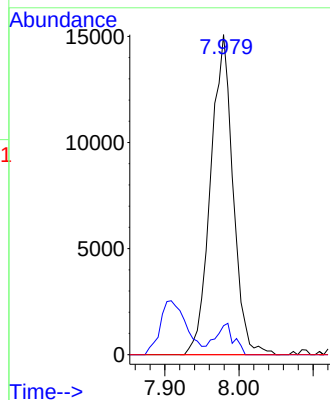
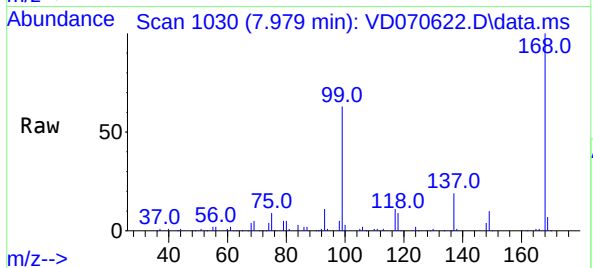


#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion: 75 Resp: 31661

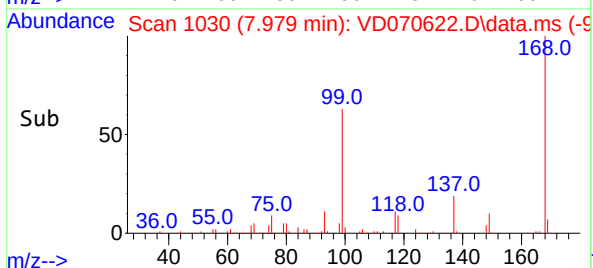
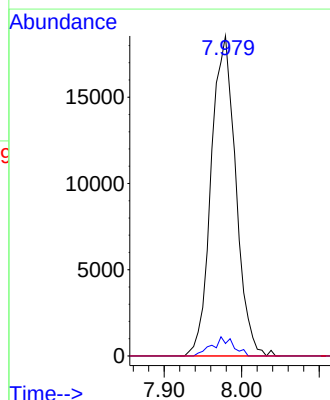
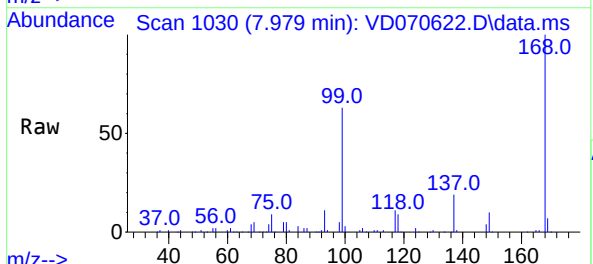
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.2	51.6#
77	0.0	24.2	36.4#

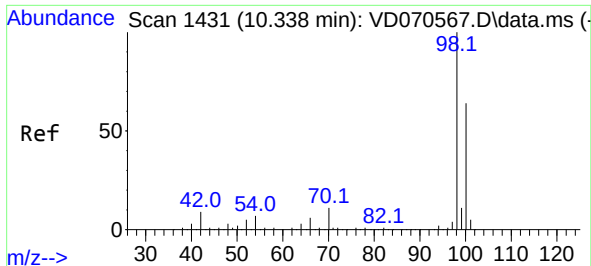


#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion: 117 Resp: 40942

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.4	116.0#
121	0.0	25.4	38.0#

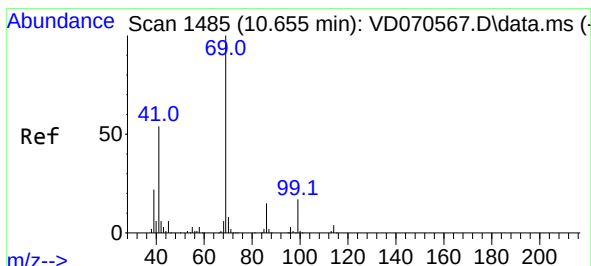
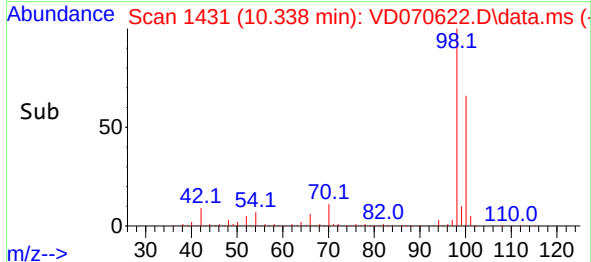
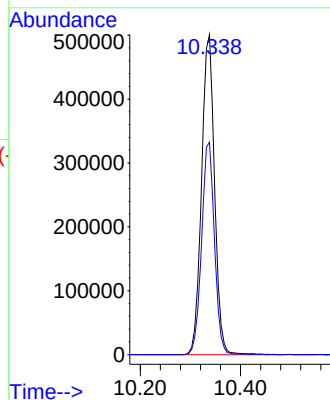
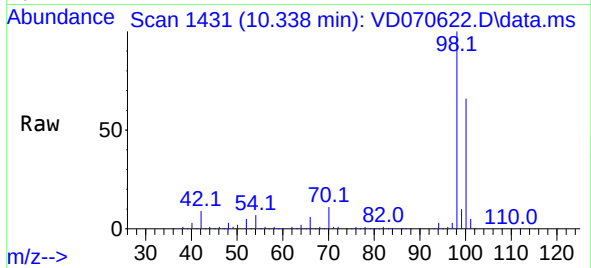




#50
Toluene-d8
Concen: 50.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

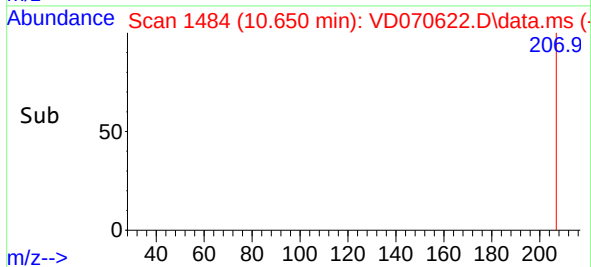
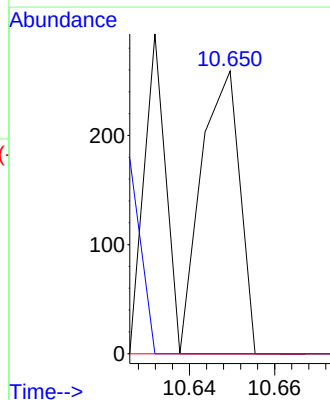
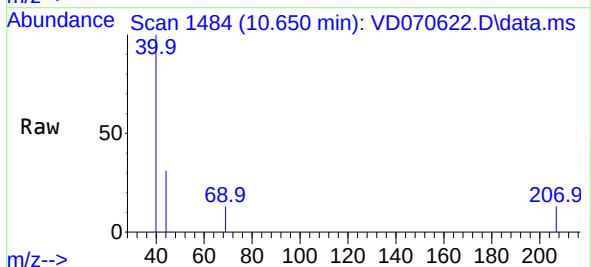
Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

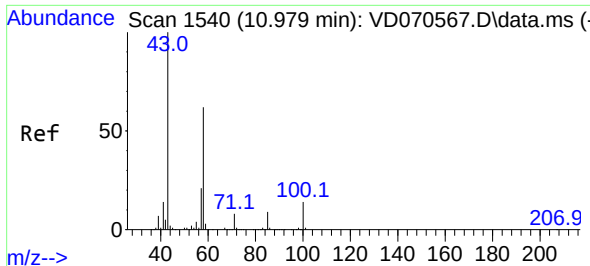
Tgt Ion: 98 Resp: 901580
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.41 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion: 69 Resp: 163
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#

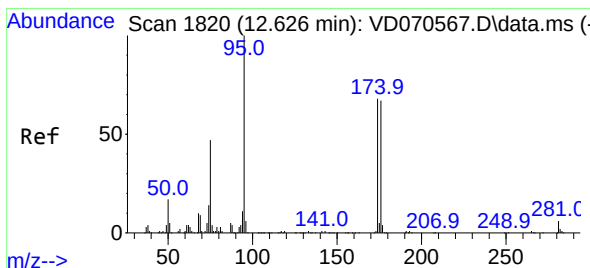
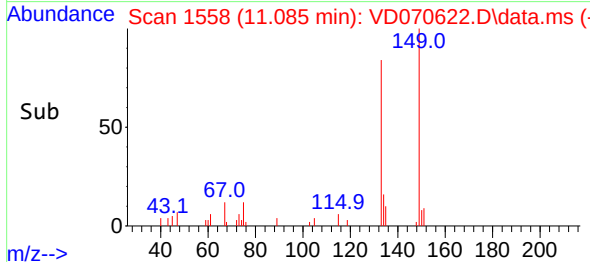
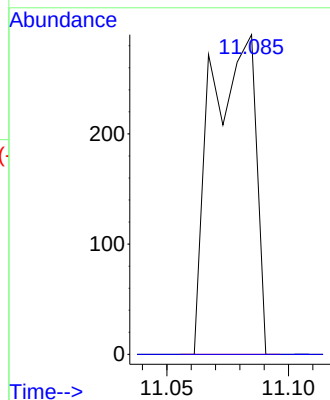
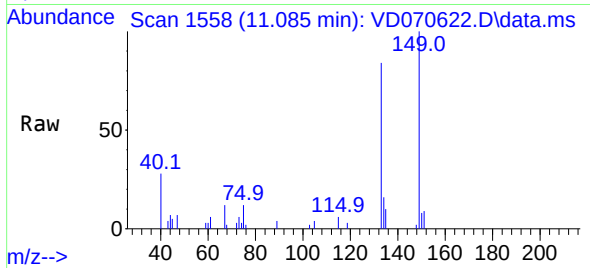




#59
2-Hexanone
Concen: Below Cal
RT: 11.085 min Scan# 1558
Delta R.T. 0.106 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

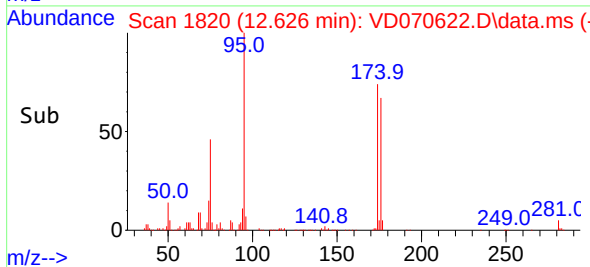
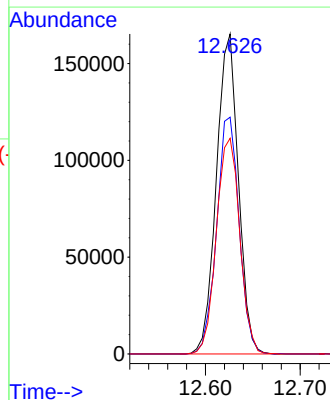
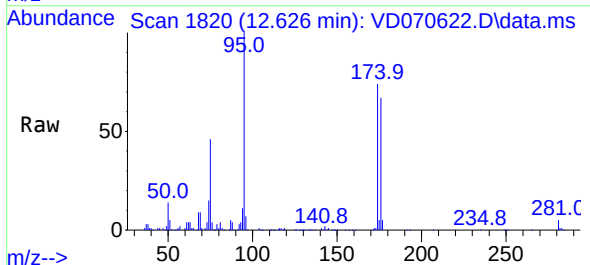
Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

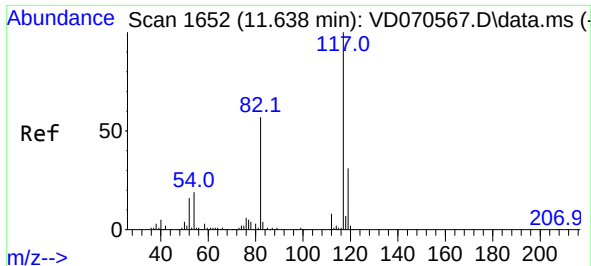
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 44.50 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion: 95 Resp: 266926
Ion Ratio Lower Upper
95 100
174 75.8 0.0 138.0
176 71.7 0.0 135.6

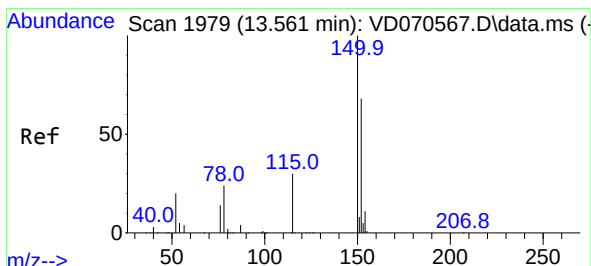
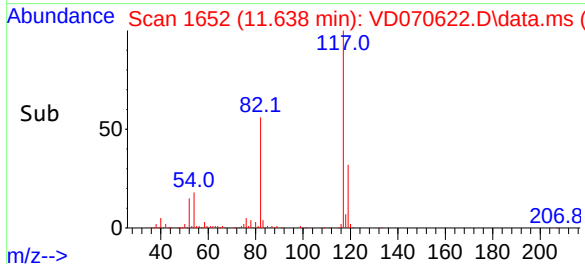
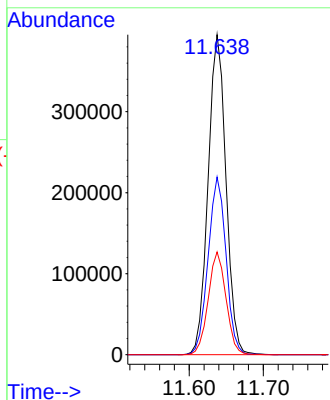
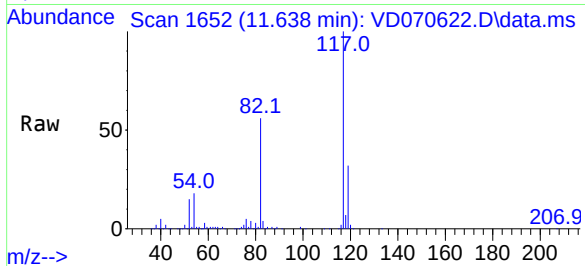




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

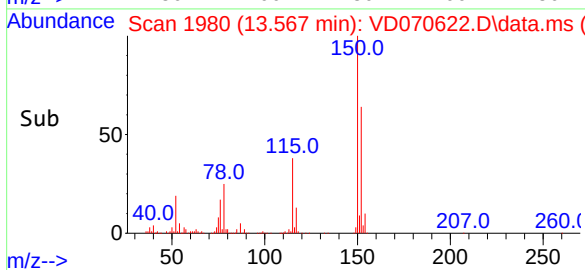
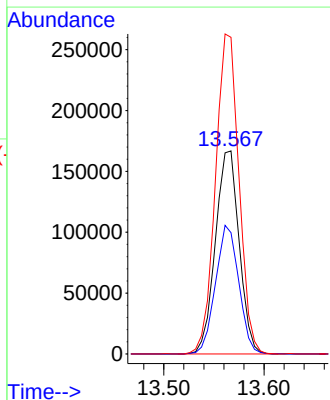
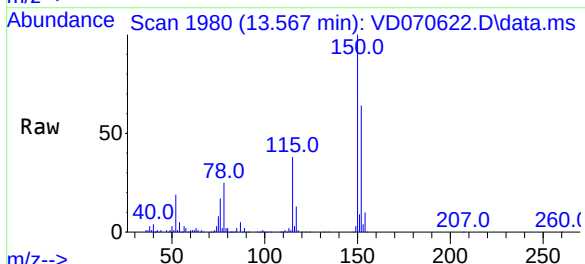
Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

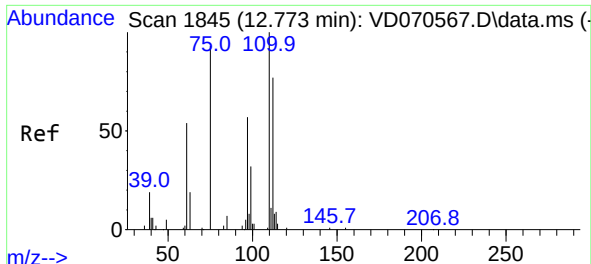
Tgt Ion:117 Resp: 661972
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion:152 Resp: 275167
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 155.3 0.0 350.0

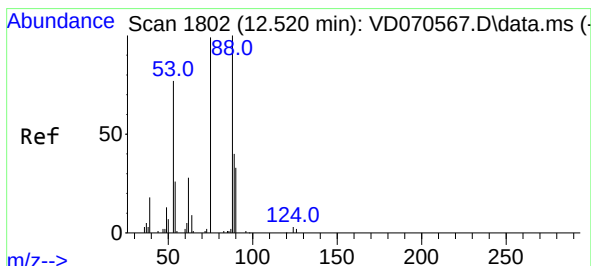
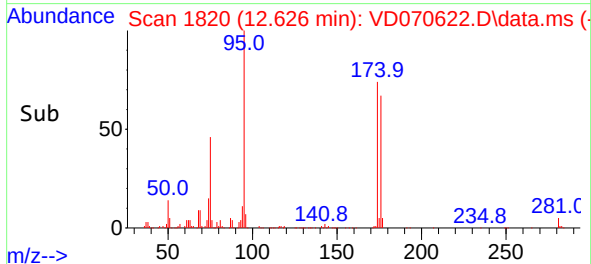
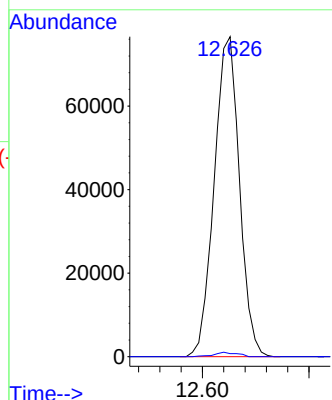
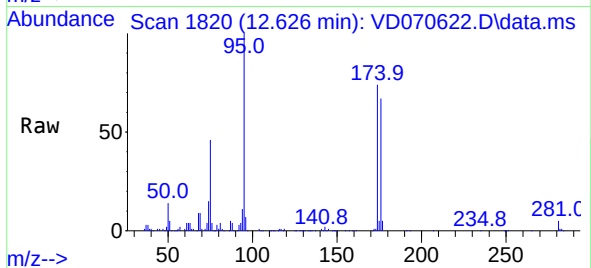




#76
1,2,3-Trichloropropane
Concen: 50.51 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

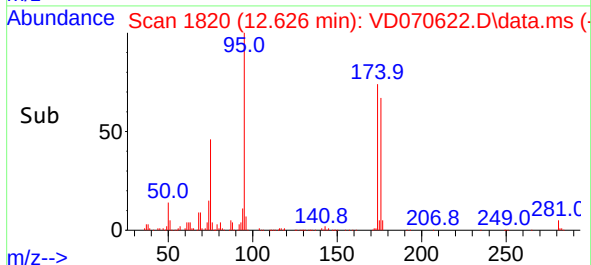
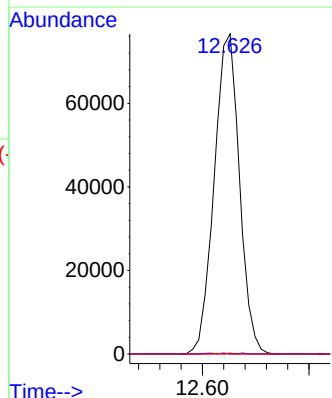
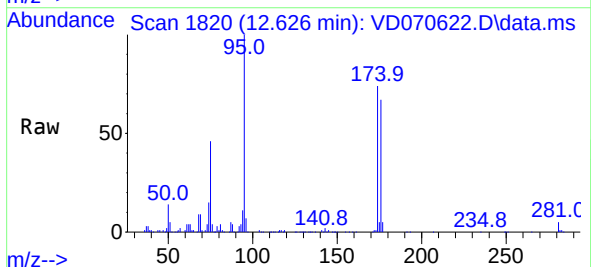
Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

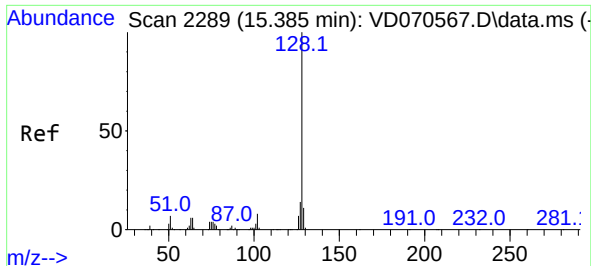
Tgt Ion: 75 Resp: 125788
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.13 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Tgt Ion: 75 Resp: 125788
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.50 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD070622.D
Acq: 07 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

