

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070118.D
 Acq On : 18 Aug 2021 10:34
 Operator : VA/SY
 Sample : VD0818SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL01

Quant Time: Aug 19 07:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

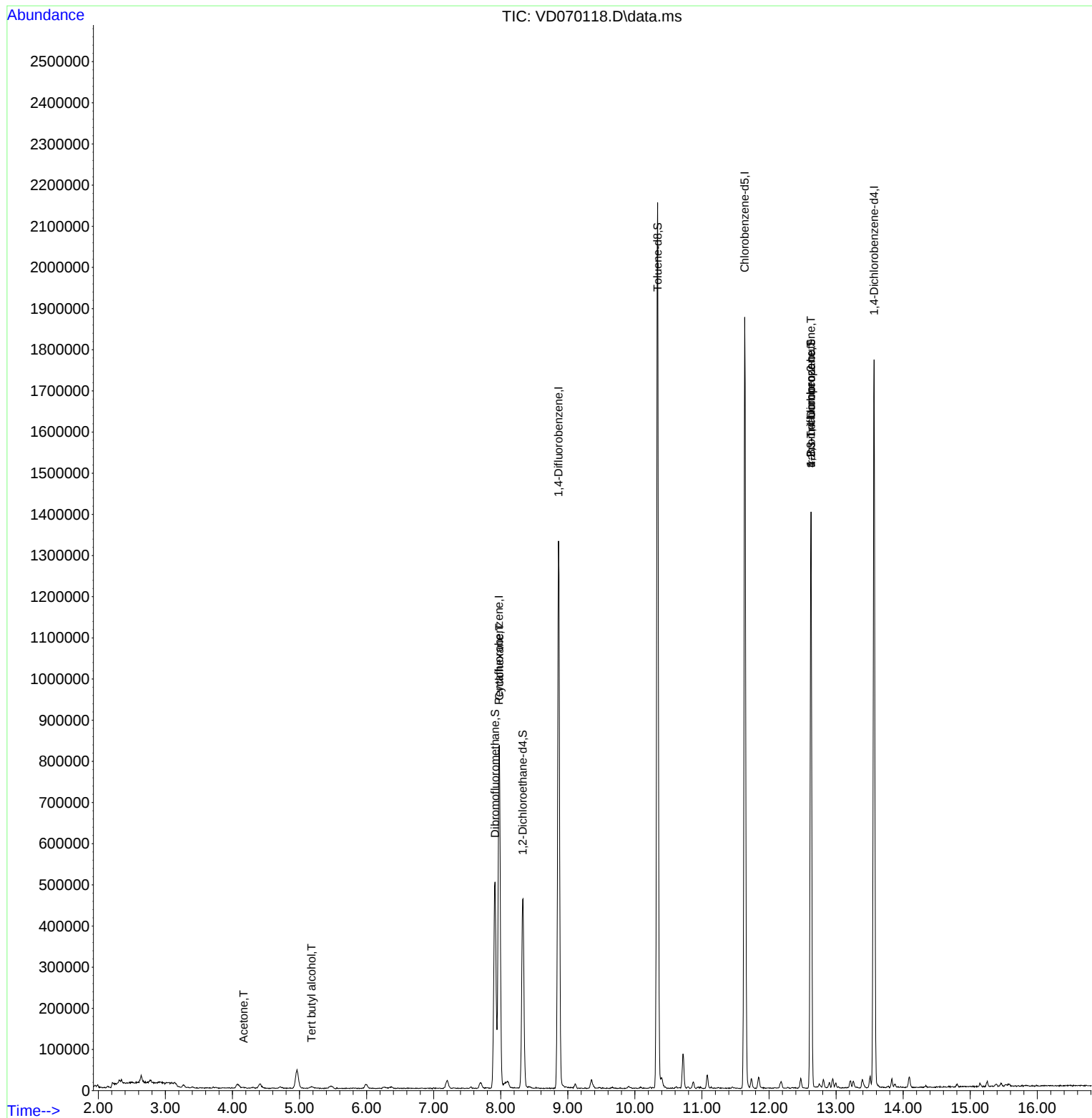
Internal Standards						
1) Pentafluorobenzene	7.973	168	589520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1133161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1089429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	465898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	365509	52.715	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.420%		
35) Dibromofluoromethane	7.914	113	371997	50.813	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.620%		
50) Toluene-d8	10.338	98	1462705	51.369	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.740%		
62) 4-Bromofluorobenzene	12.626	95	473939	50.533	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	4122	Below Cal		79
3) Chloromethane	2.209	50	6047	Below Cal		96
5) Bromomethane	2.768	94	5926	Below Cal		82
11) Tert butyl alcohol	5.179	59	4080	10.646 ug/l #		71
16) Acetone	4.168	43	3942	3.086 ug/l #		88
20) Methylene Chloride	4.968	84	36070	Below Cal		91
31) Cyclohexane	7.979	56	20096	1.464 ug/l #		21
76) 1,2,3-Trichloropropane	12.626	75	229427	48.558 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	229427	126.038 ug/l #		18

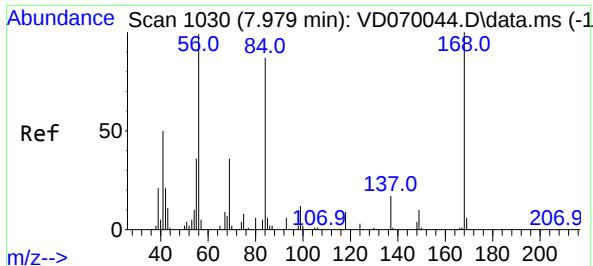
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 19 07:27:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

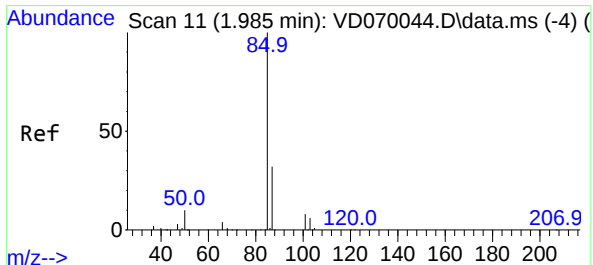
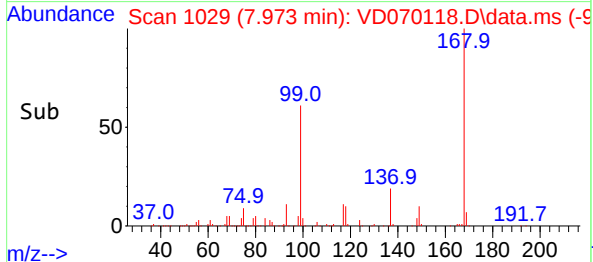
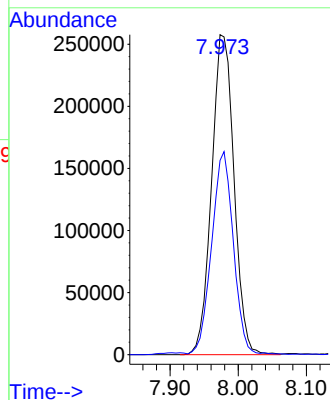
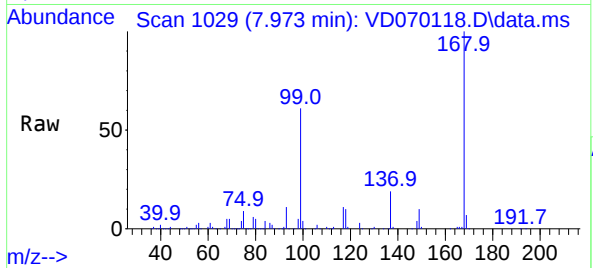




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

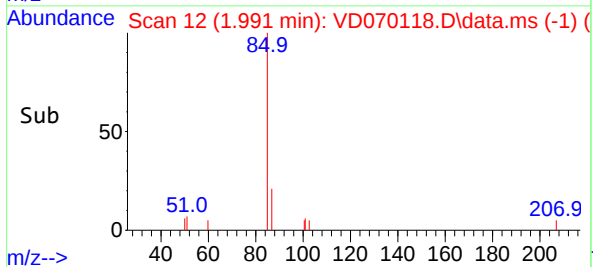
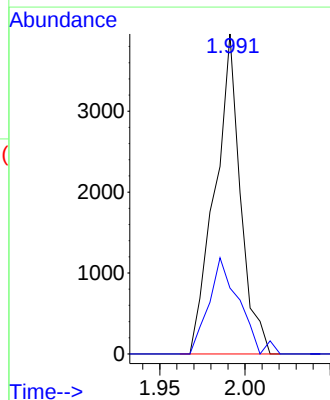
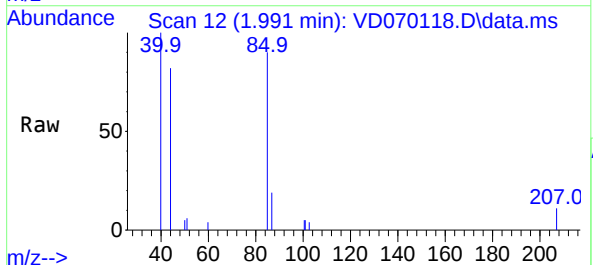
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

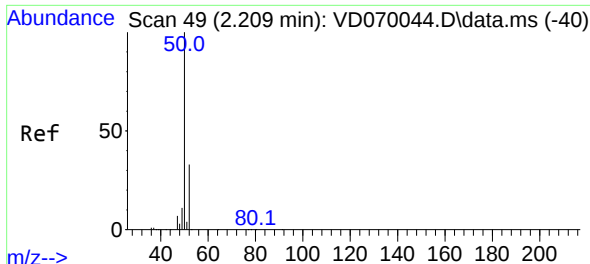
Tgt Ion:168 Resp: 589520
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 85 Resp: 4122
Ion Ratio Lower Upper
85 100
87 20.6 16.2 48.6

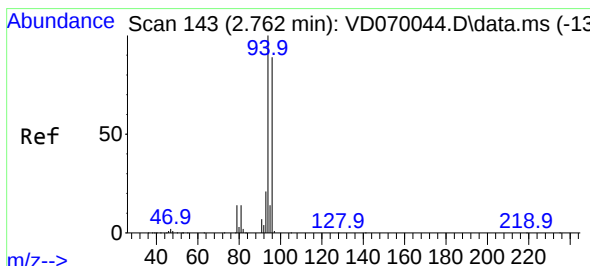
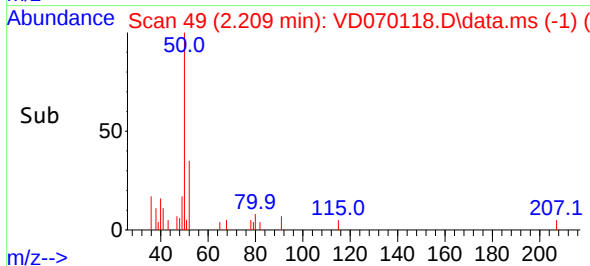
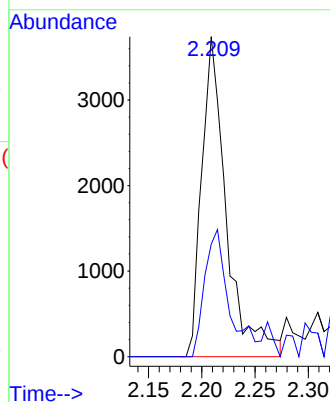
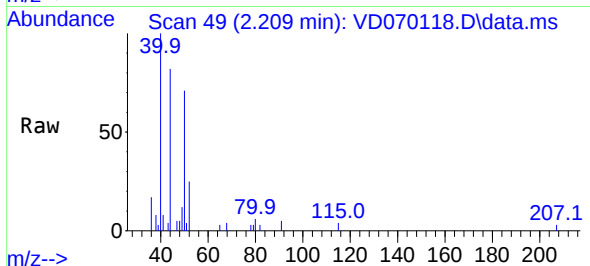




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

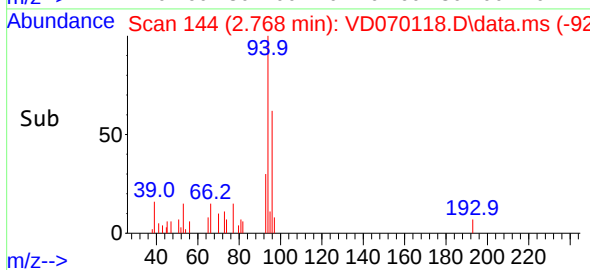
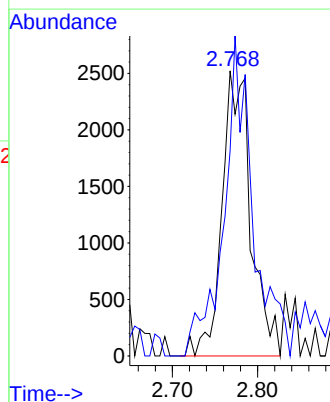
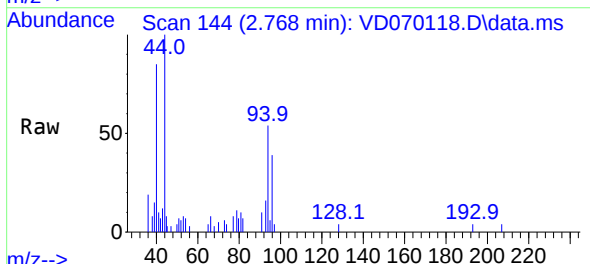
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

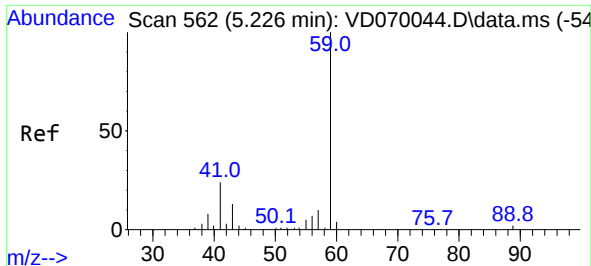
Tgt Ion: 50 Resp: 6047
Ion Ratio Lower Upper
50 100
52 35.2 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 94 Resp: 5926
Ion Ratio Lower Upper
94 100
96 72.0 70.9 106.3



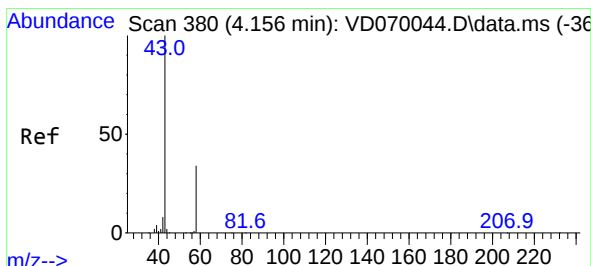
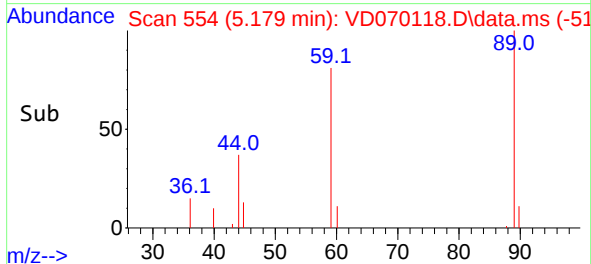
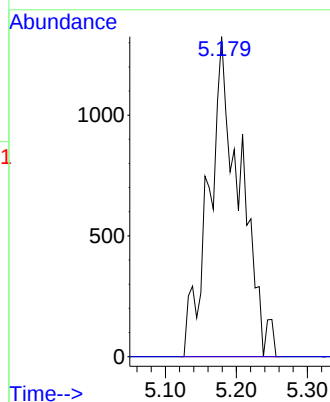
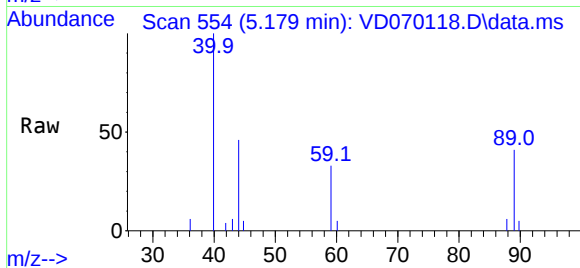


#11

Tert butyl alcohol
Concen: 10.646 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

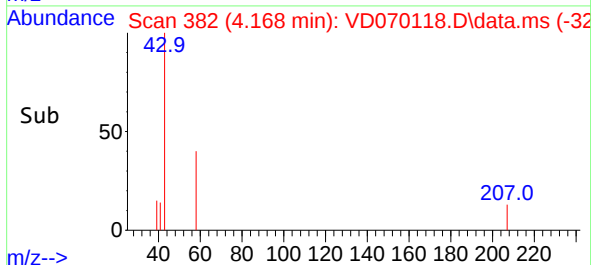
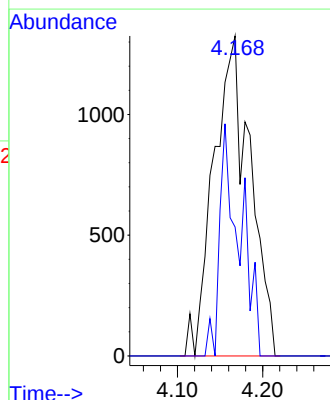
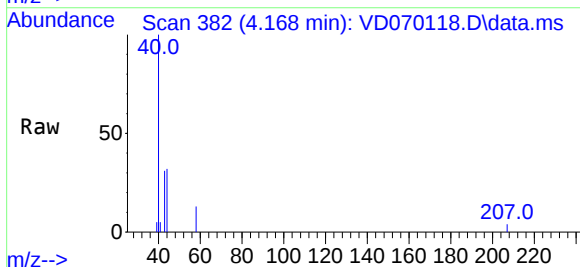
Tgt Ion: 59 Resp: 4080
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

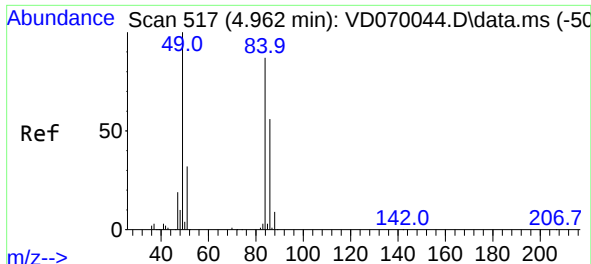


#16

Acetone
Concen: 3.086 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 43 Resp: 3942
Ion Ratio Lower Upper
43 100
58 40.3 26.8 40.2#



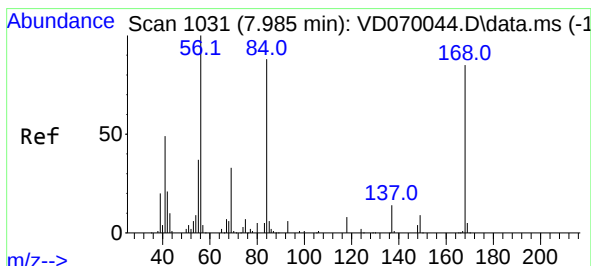
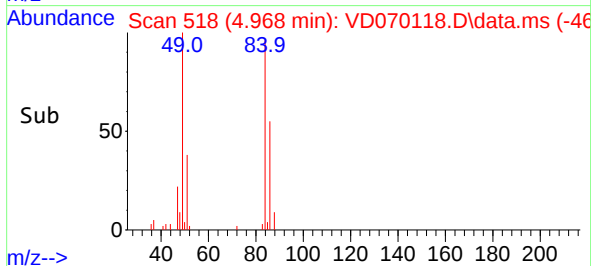
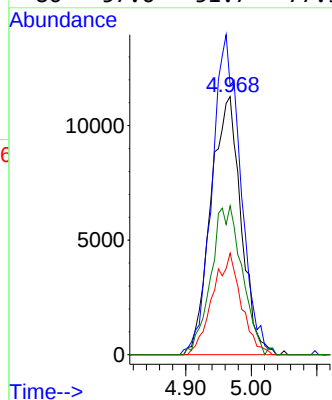
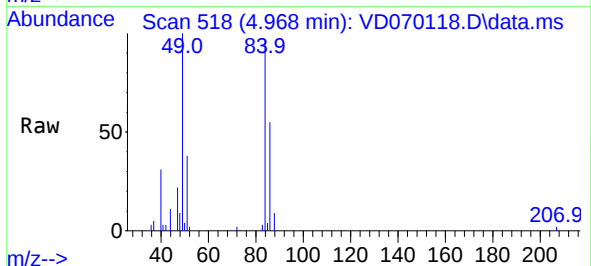


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

Tgt Ion: 84 Resp: 36070

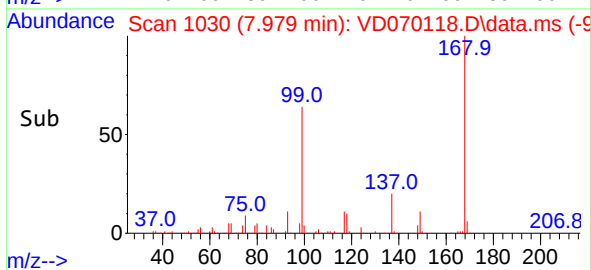
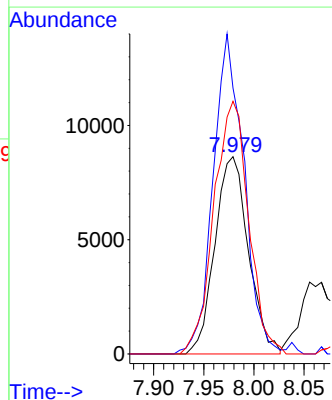
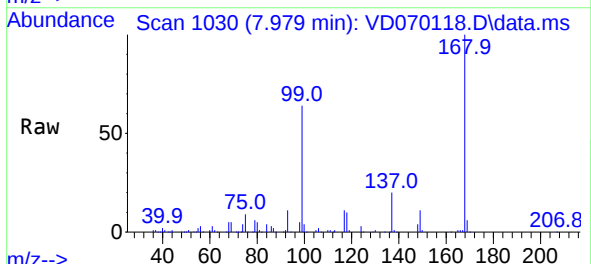
Ion	Ratio	Lower	Upper
84	100		
49	104.4	92.5	138.7
51	39.3	29.7	44.5
86	57.6	51.7	77.5

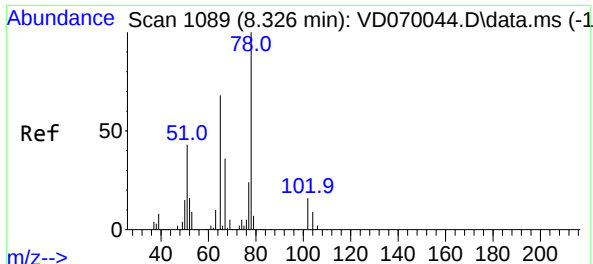


#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 56 Resp: 20096

Ion	Ratio	Lower	Upper
56	100		
69	132.8	26.7	40.1#
84	128.0	70.4	105.6#

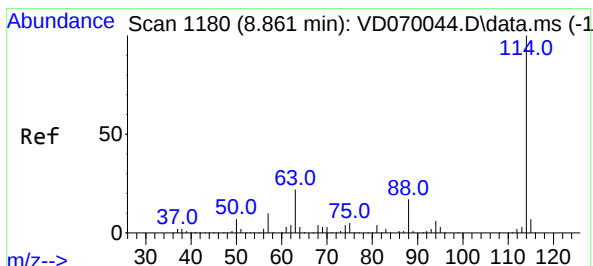
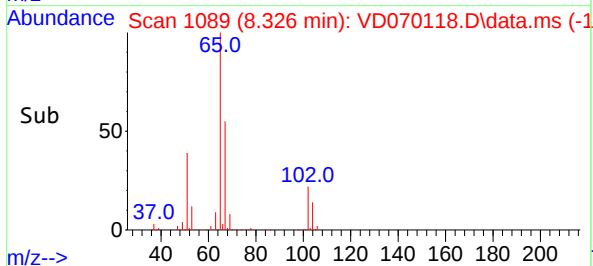
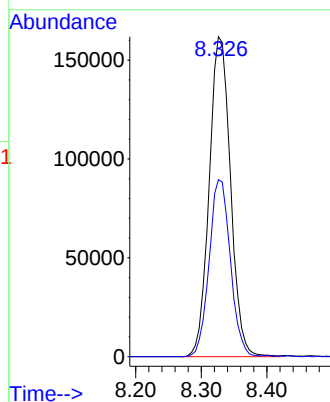
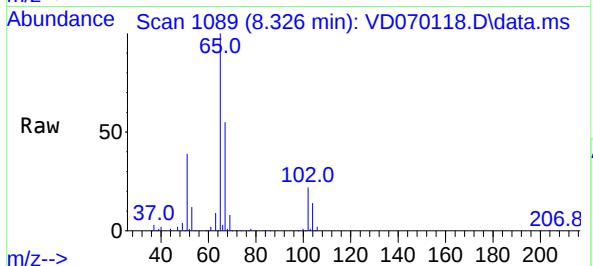




#33
1,2-Dichloroethane-d4
Concen: 52.715 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

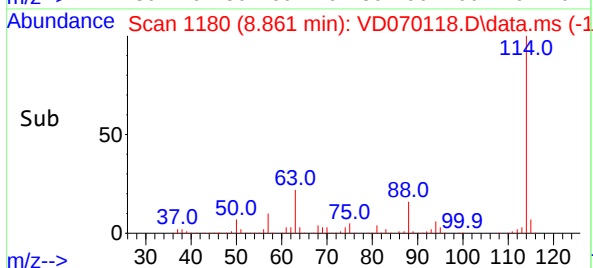
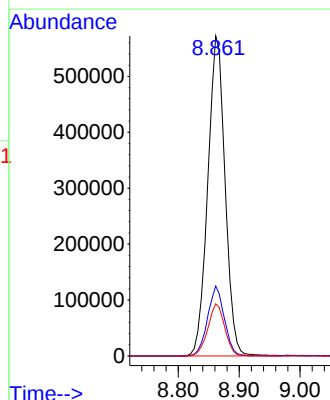
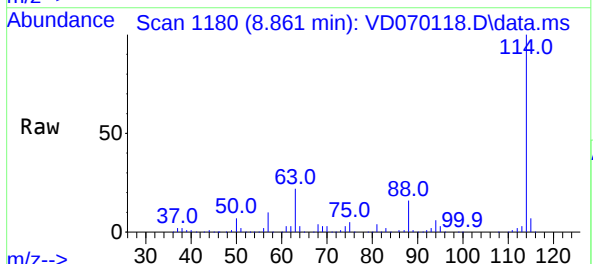
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

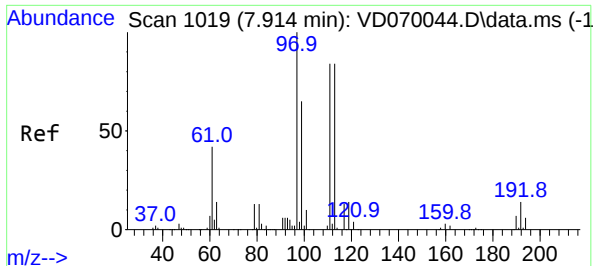
Tgt Ion: 65 Resp: 365509
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 114 Resp: 1133161
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 16.3 0.0 33.4



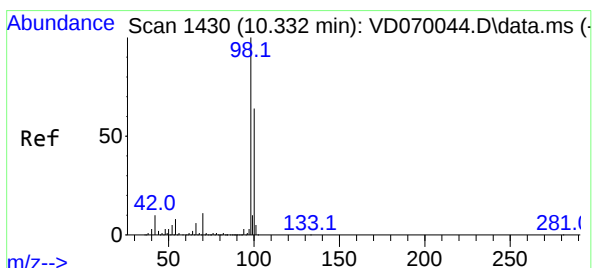
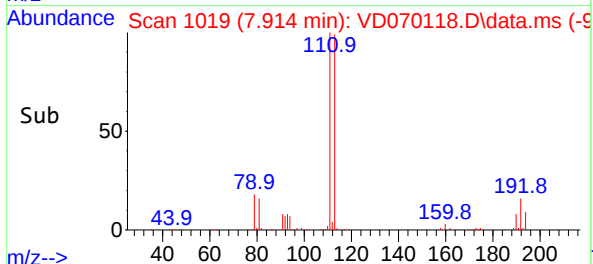
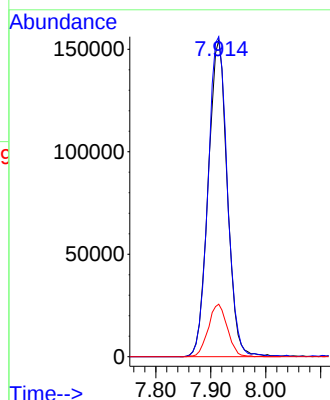
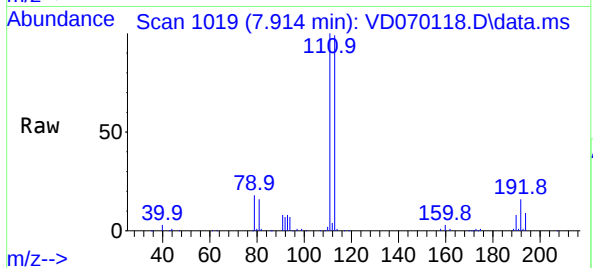


#35
Dibromofluoromethane
Concen: 50.813 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

Tgt Ion:113 Resp: 371997

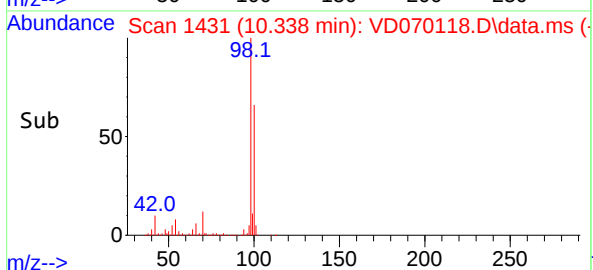
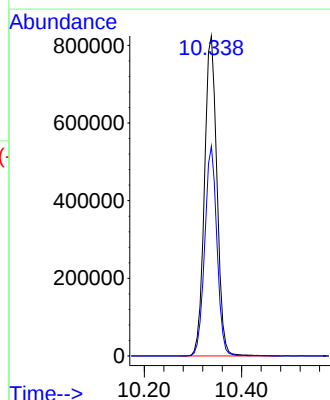
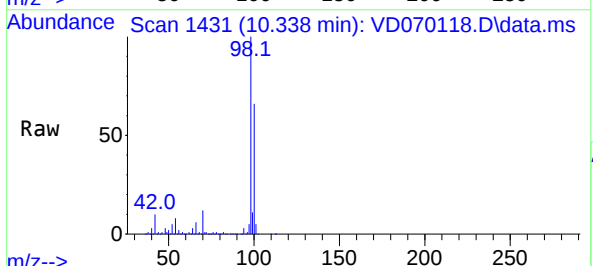
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	16.6	13.2	19.8

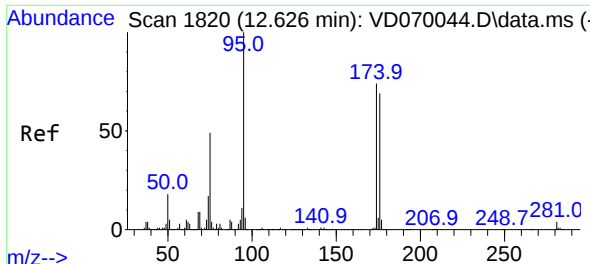


#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 98 Resp: 1462705

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	78.8

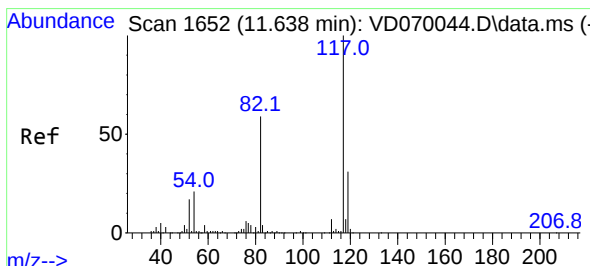
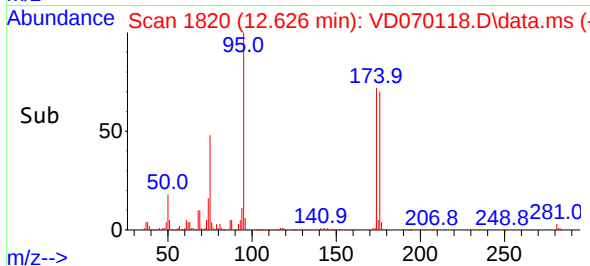
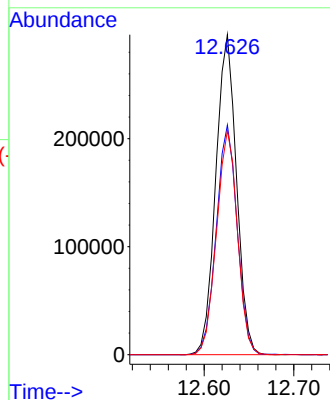
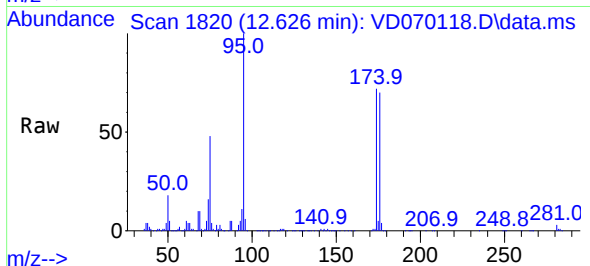




#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

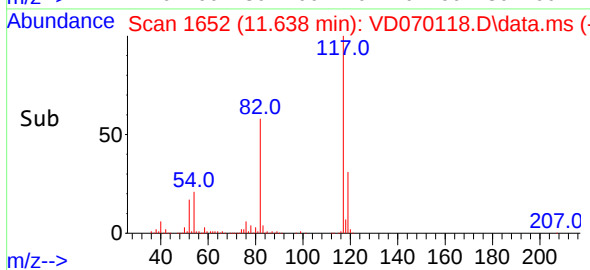
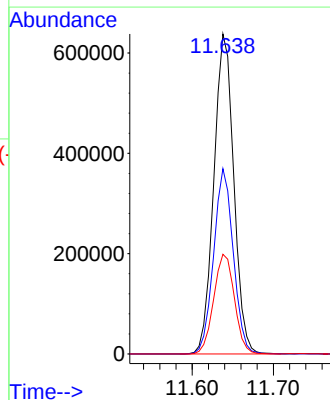
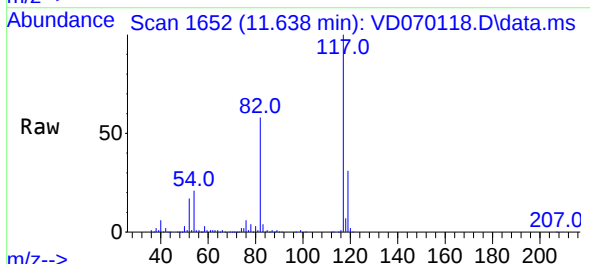
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

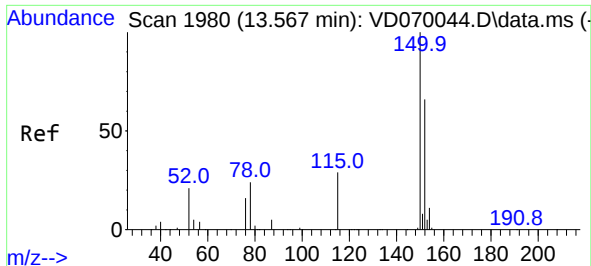
Tgt Ion: 95 Resp: 473939
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 117 Resp: 1089429
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.2 25.1 37.7

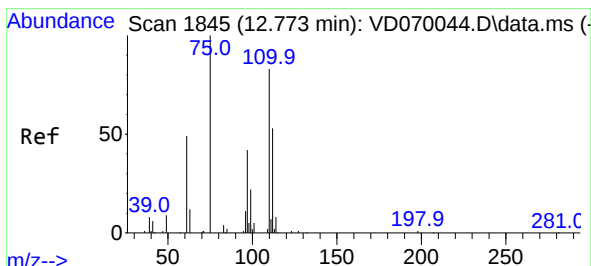
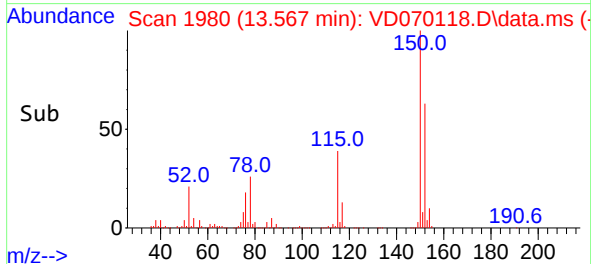
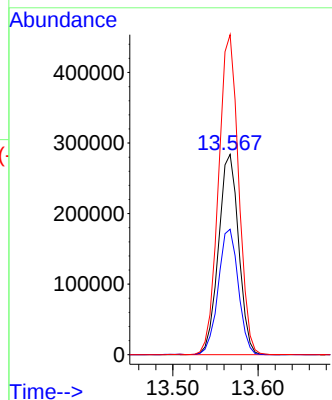
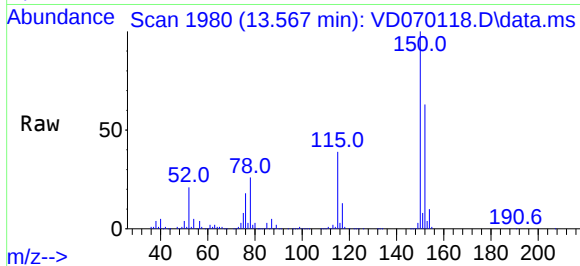




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

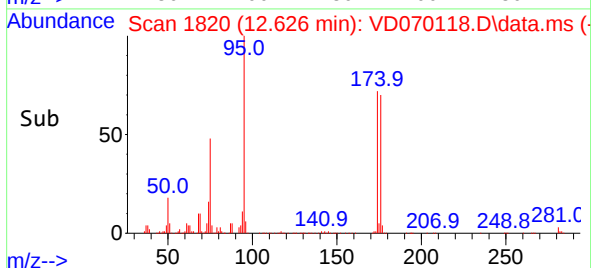
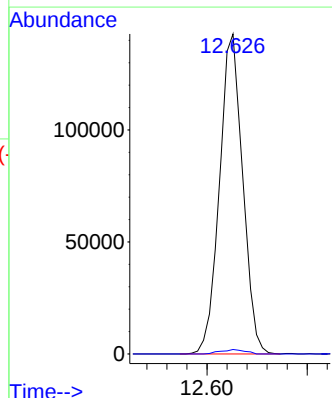
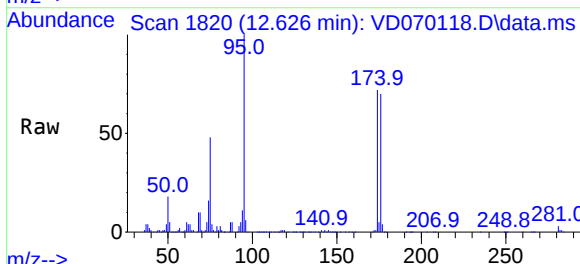
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

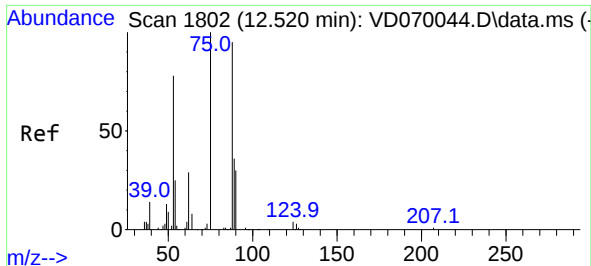
Tgt Ion:152 Resp: 465898
Ion Ratio Lower Upper
152 100
115 62.5 31.2 93.6
150 159.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.558 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

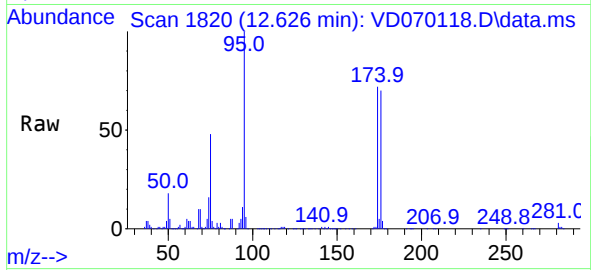
Tgt Ion: 75 Resp: 229427
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.038 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070118.D
 Acq: 18 Aug 2021 10:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL01



Tgt Ion: 75 Resp: 229427

Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.5	96.7#
89	0.0	33.7	50.5#

