

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070136.D
 Acq On : 18 Aug 2021 19:14
 Operator : VA/SY
 Sample : M3435-21
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-26-0003

Quant Time: Aug 19 07:33:56 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)

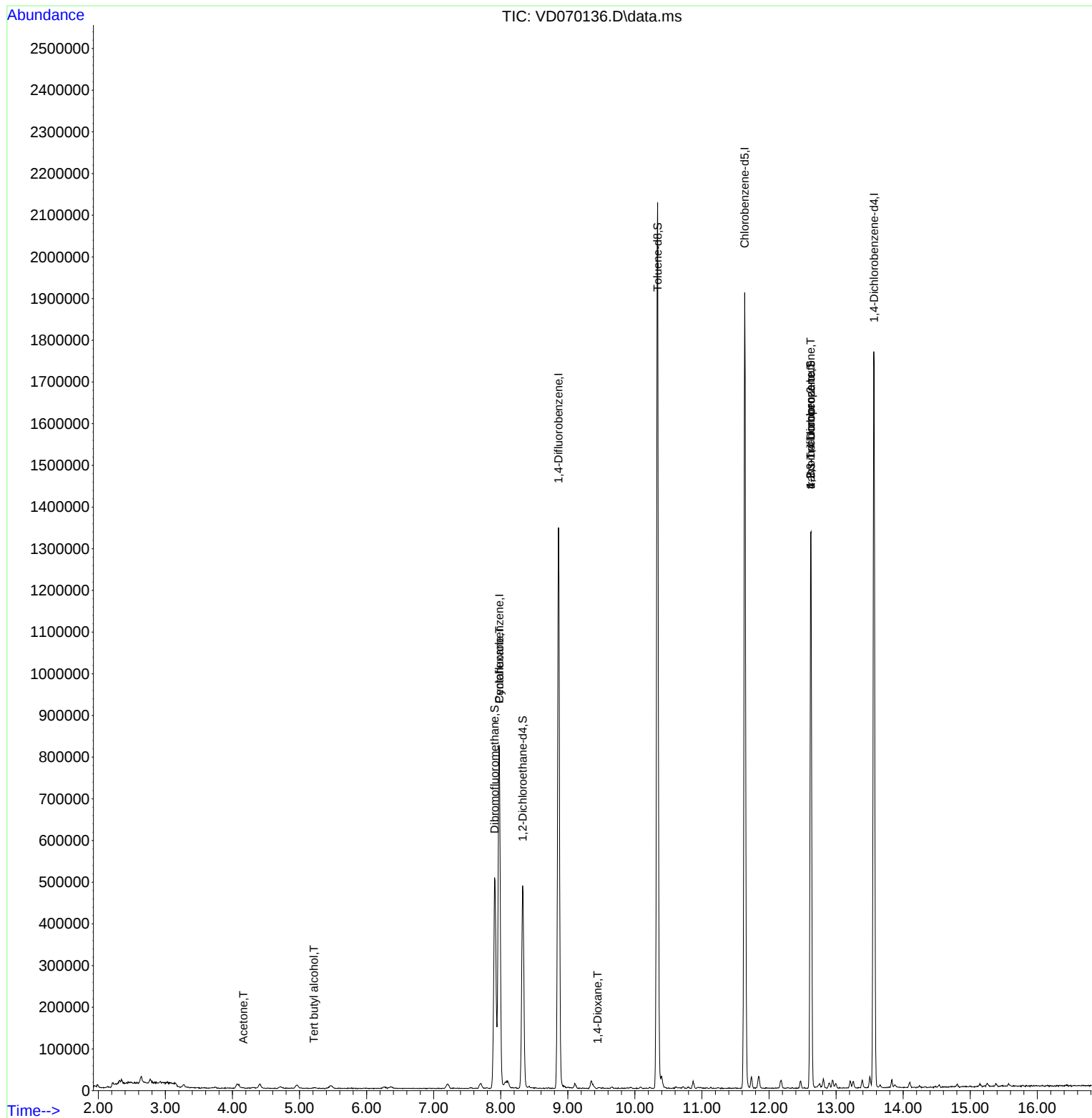
Internal Standards						
1) Pentafluorobenzene	7.979	168	582318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1132695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1092461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	471417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	375239	54.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.580%	
35) Dibromofluoromethane	7.909	113	373132	50.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.338	98	1460168	51.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.620	95	468324	49.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.920%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	4208	Below Cal		90
3) Chloromethane	2.215	50	5797	Below Cal		97
5) Bromomethane	2.779	94	6732	Below Cal		90
11) Tert butyl alcohol	5.215	59	939	2.480 ug/l	#	89
16) Acetone	4.162	43	2529	2.004 ug/l		91
20) Methylene Chloride	4.962	84	7015	Below Cal	#	72
31) Cyclohexane	7.979	56	19526	1.440 ug/l	#	8
49) 1,4-Dioxane	9.444	88	57	1.175 ug/l	#	23
76) 1,2,3-Trichloropropane	12.620	75	230952	48.308 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	230952	125.390 ug/l	#	18

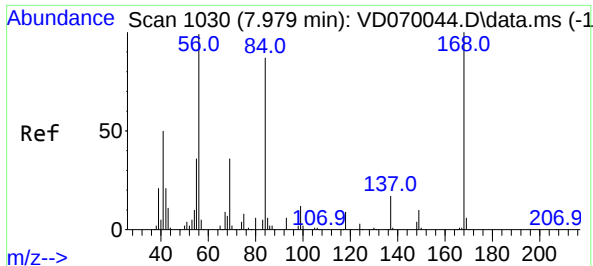
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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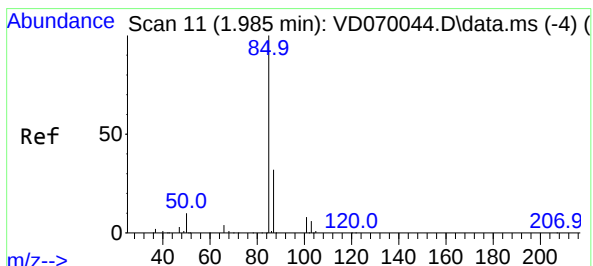
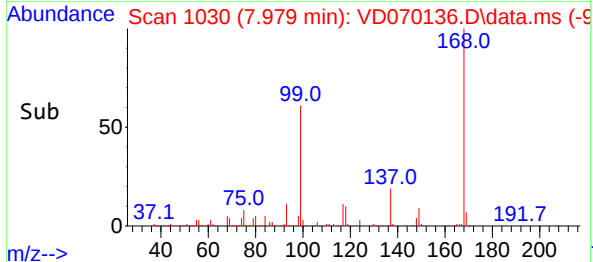
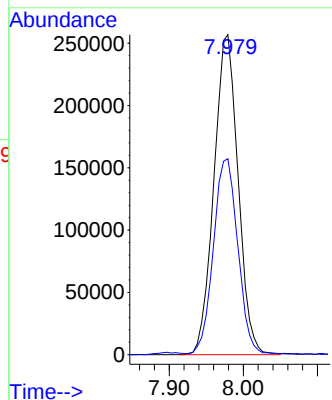
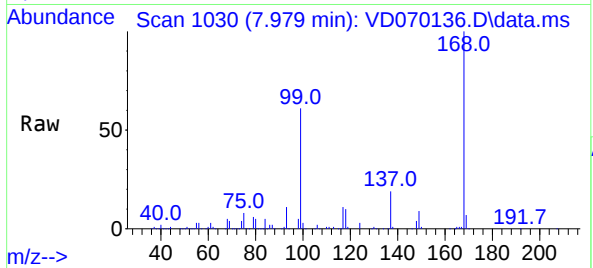




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

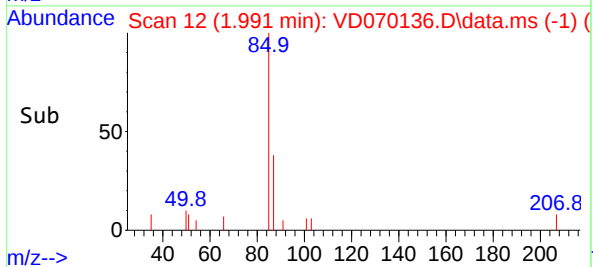
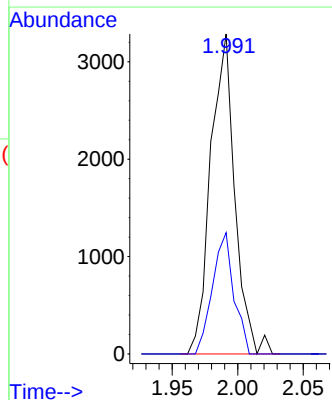
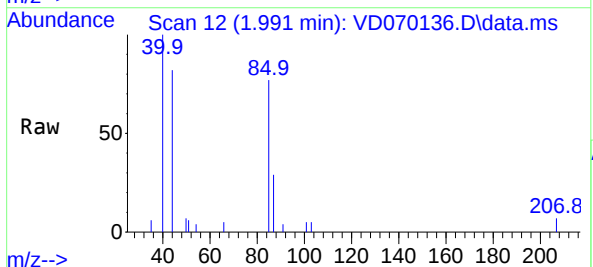
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

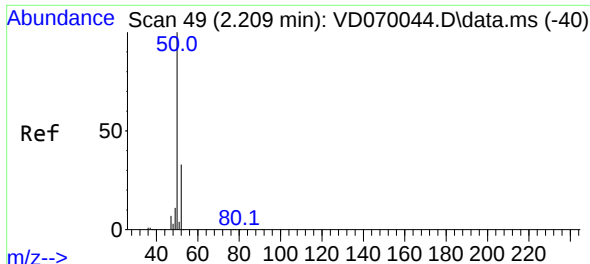
Tgt Ion:168 Resp: 582318
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 85 Resp: 4208
Ion Ratio Lower Upper
85 100
87 37.9 16.2 48.6

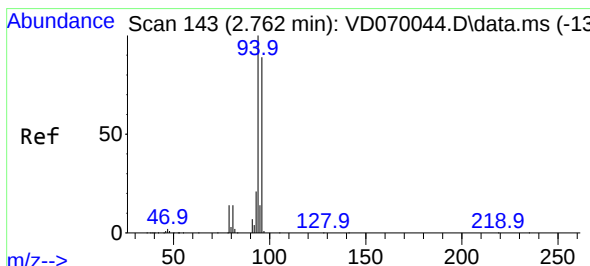
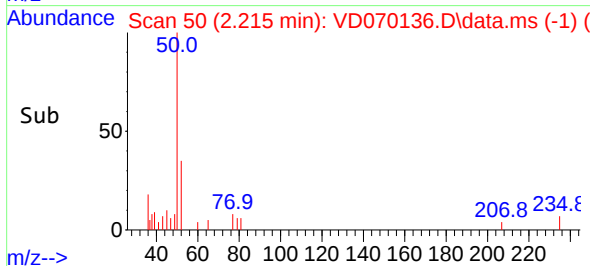
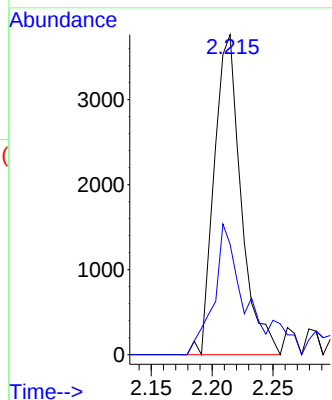
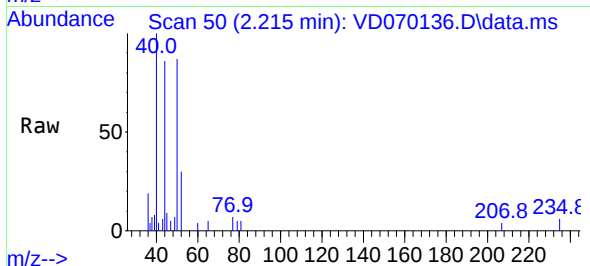




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

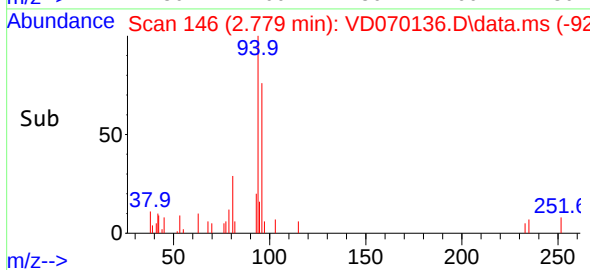
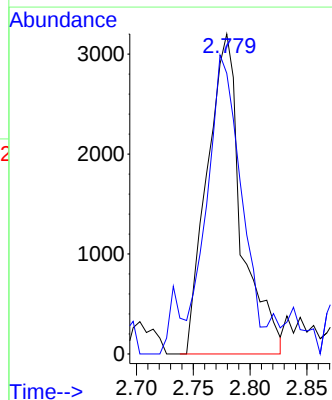
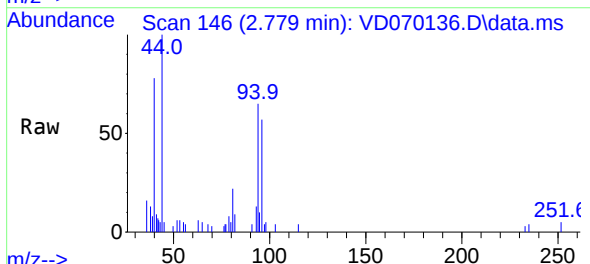
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

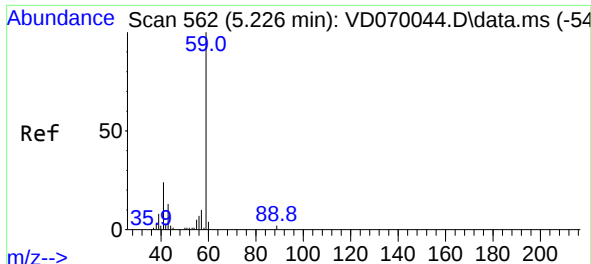
Tgt Ion: 50 Resp: 5797
Ion Ratio Lower Upper
50 100
52 34.5 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 94 Resp: 6732
Ion Ratio Lower Upper
94 100
96 79.5 70.9 106.3



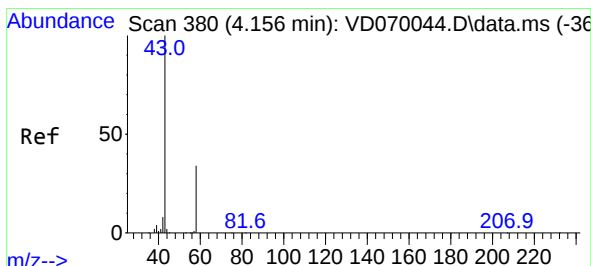
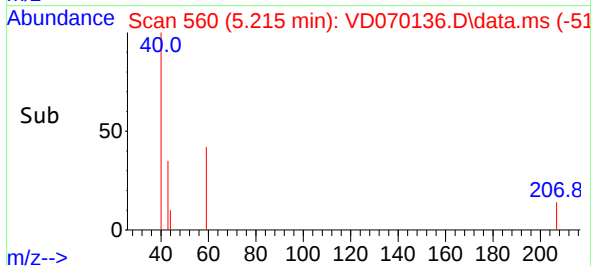
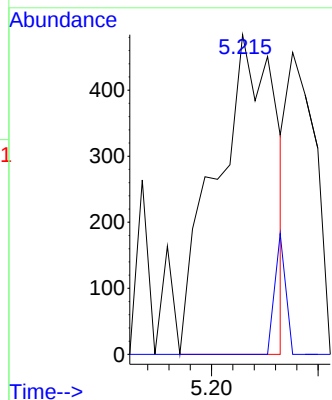
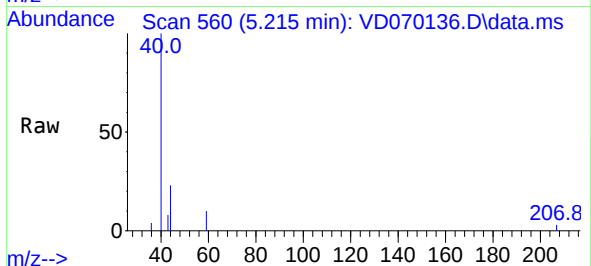


#11

Tert butyl alcohol
Concen: 2.480 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

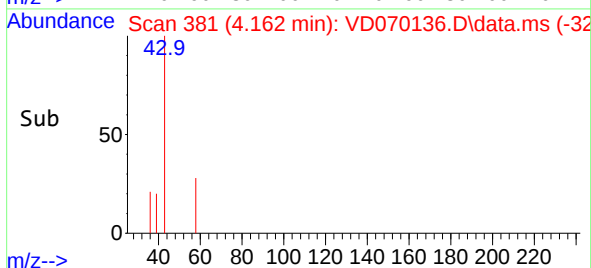
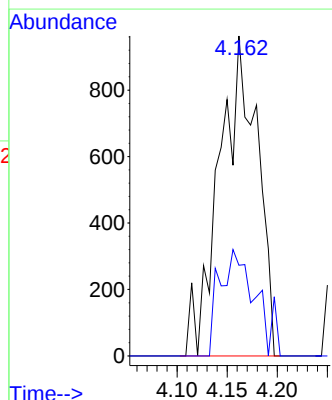
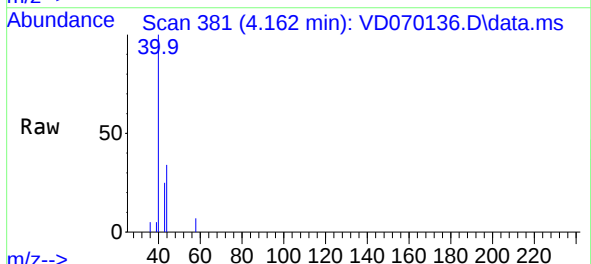
Tgt Ion: 59 Resp: 939
Ion Ratio Lower Upper
59 100
57 6.9 8.8 13.2#

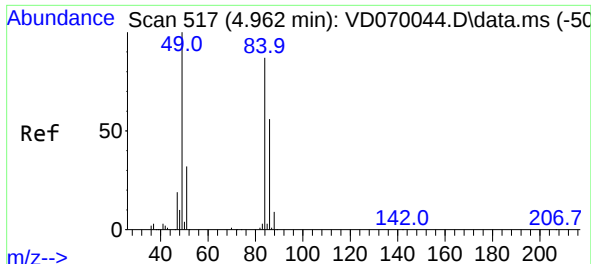


#16

Acetone
Concen: 2.004 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

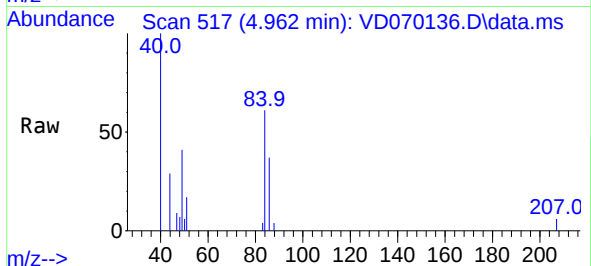
Tgt Ion: 43 Resp: 2529
Ion Ratio Lower Upper
43 100
58 28.3 26.8 40.2





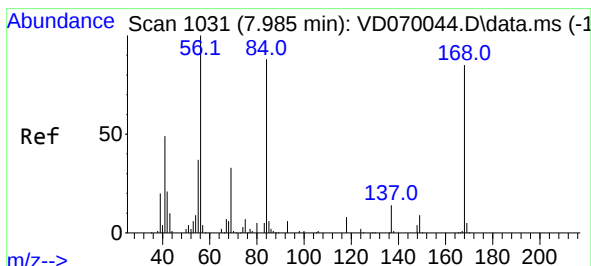
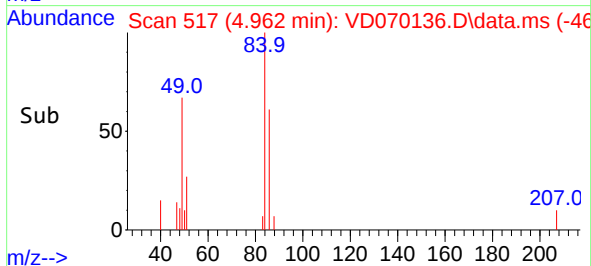
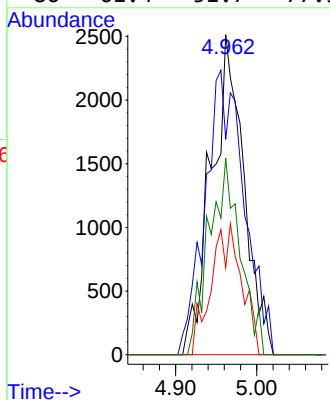
#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003



Tgt Ion: 84 Resp: 7015

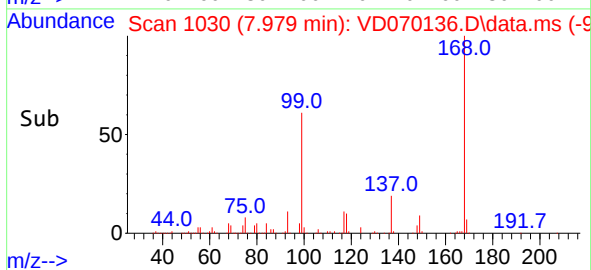
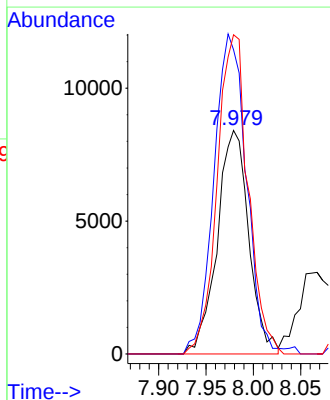
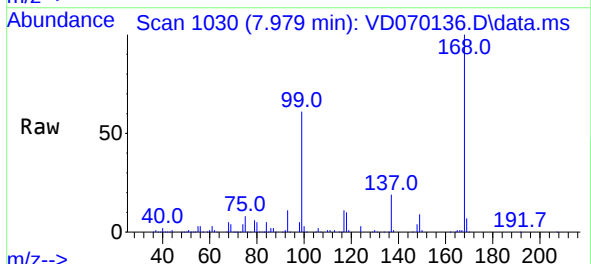
Ion	Ratio	Lower	Upper
84	100		
49	67.3	92.5	138.7#
51	27.3	29.7	44.5#
86	61.4	51.7	77.5

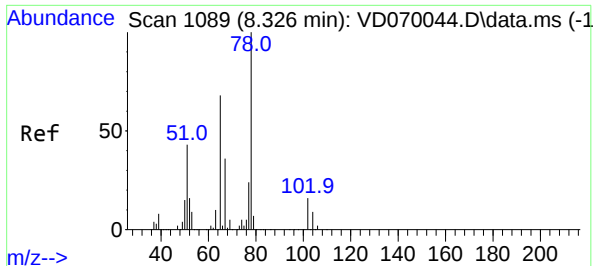


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 56 Resp: 19526

Ion	Ratio	Lower	Upper
56	100		
69	136.0	26.7	40.1#
84	142.8	70.4	105.6#

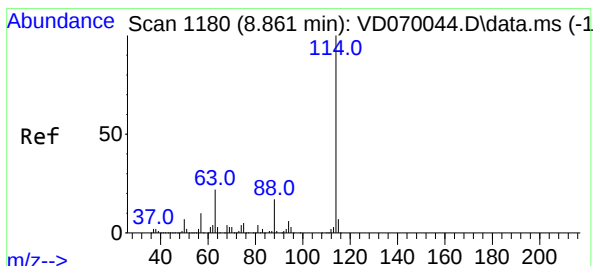
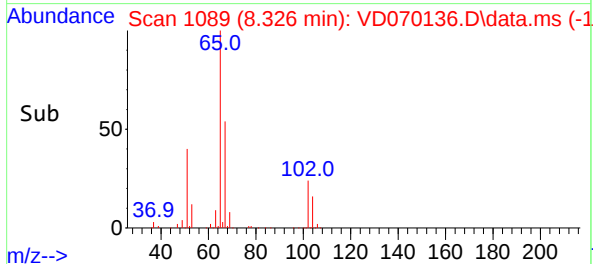
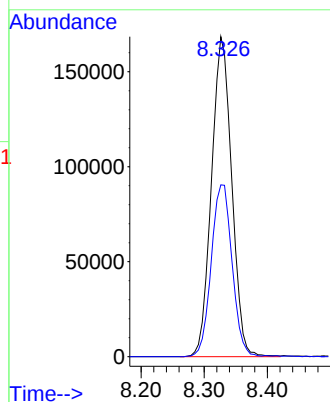
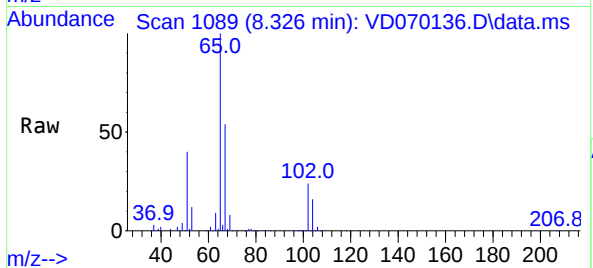




#33
1,2-Dichloroethane-d4
Concen: 54.788 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

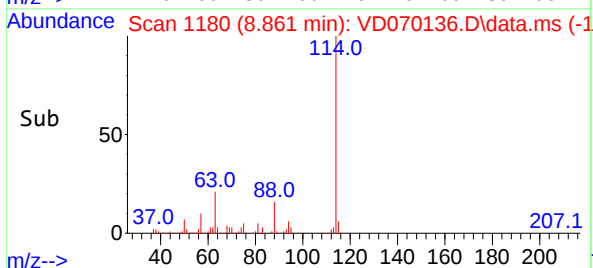
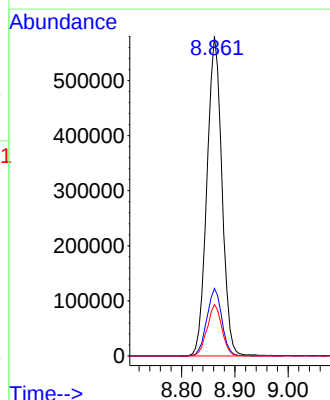
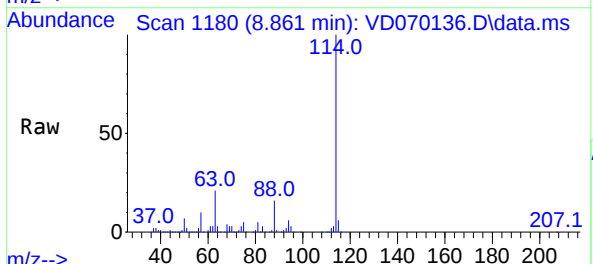
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ClientSampleId :
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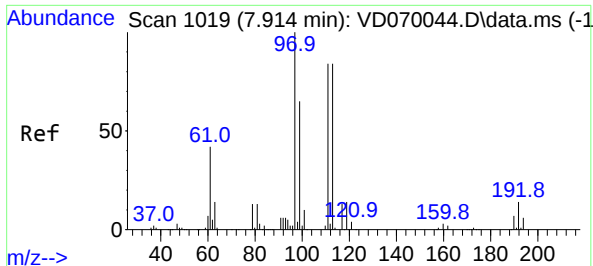
Tgt Ion: 65 Resp: 375239
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion:114 Resp: 1132695
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 16.1 0.0 33.4



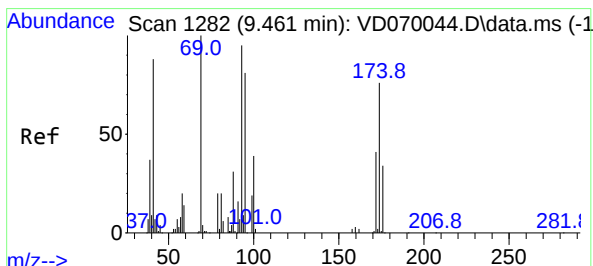
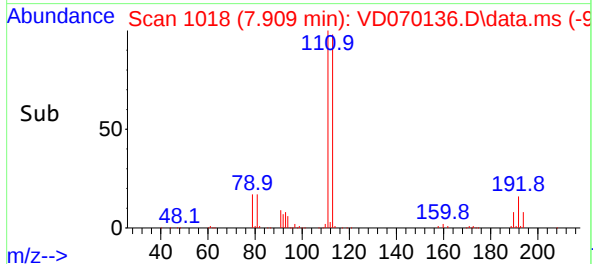
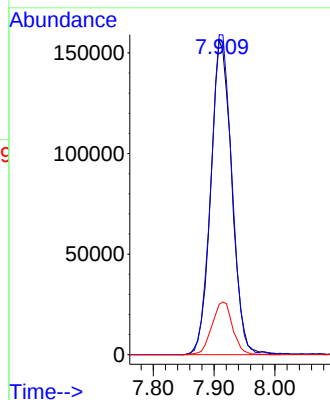
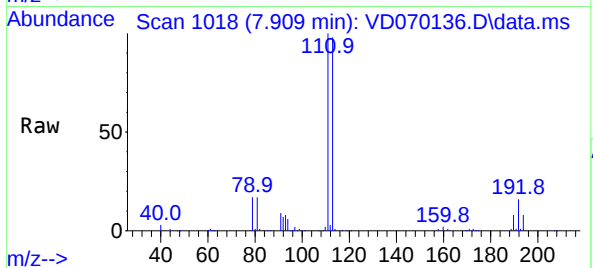


#35

Dibromofluoromethane
Concen: 50.989 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Instrument :
MSVOA_D
ClientSampleId :
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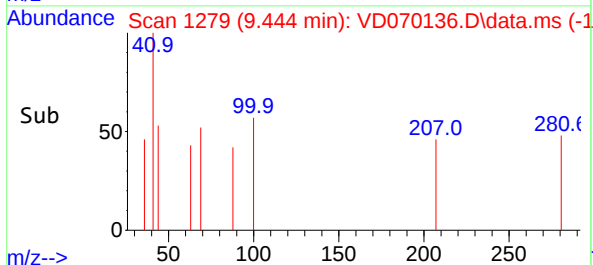
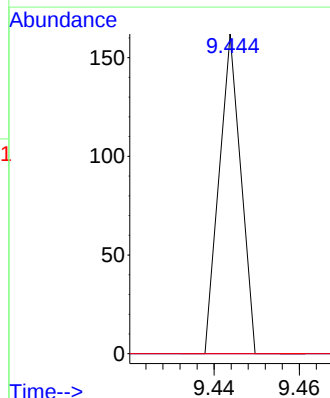
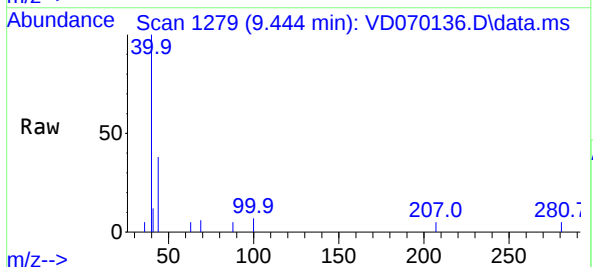
Tgt Ion:113 Resp: 373132
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 16.5 13.2 19.8

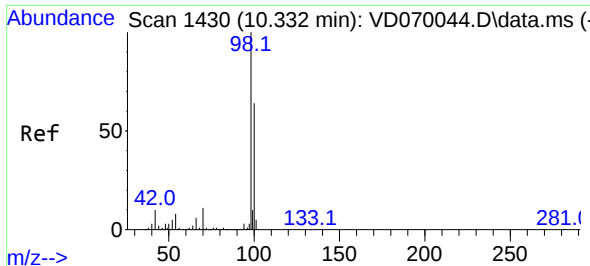


#49

1,4-Dioxane
Concen: 1.175 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.018 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 57.4 86.2#

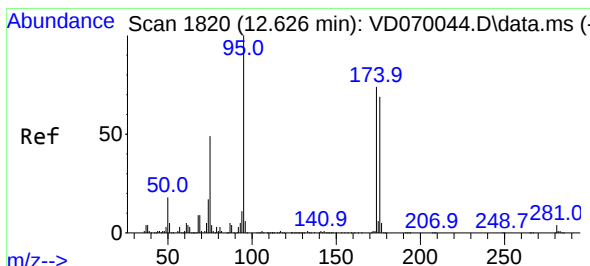
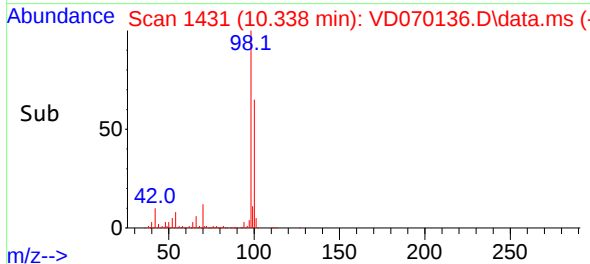
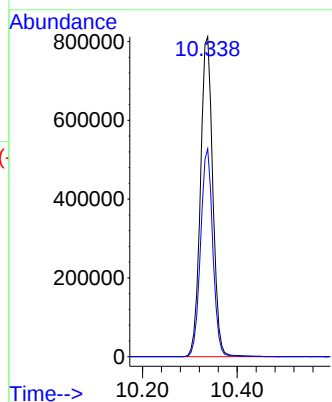
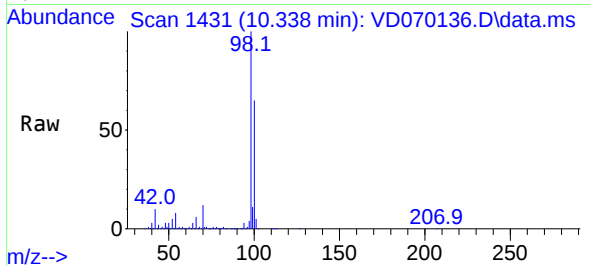




#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

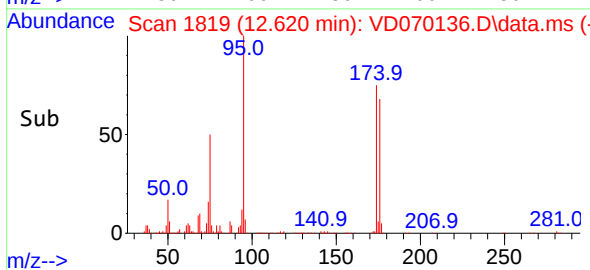
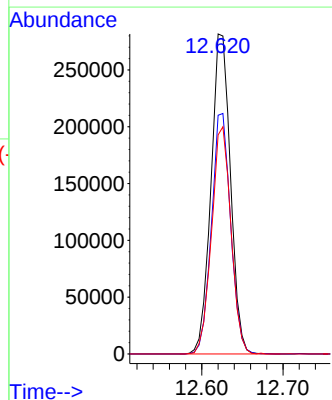
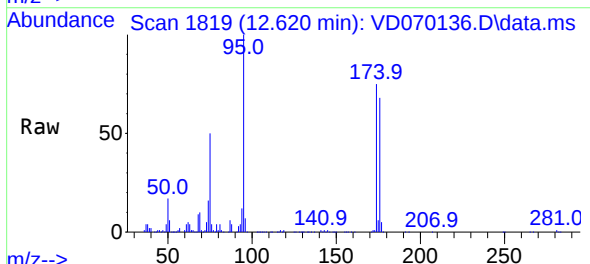
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

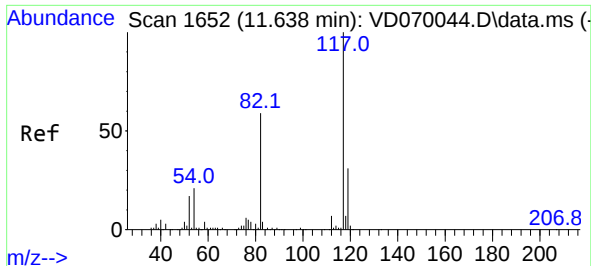
Tgt Ion: 98 Resp: 1460168
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.955 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

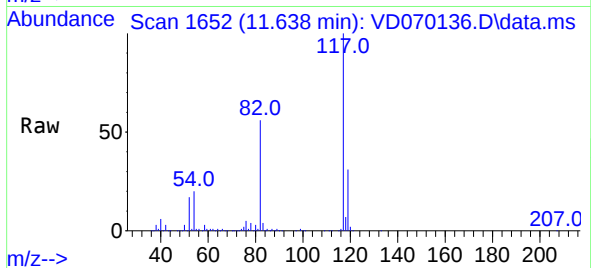
Tgt Ion: 95 Resp: 468324
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.6
176 70.8 0.0 138.2





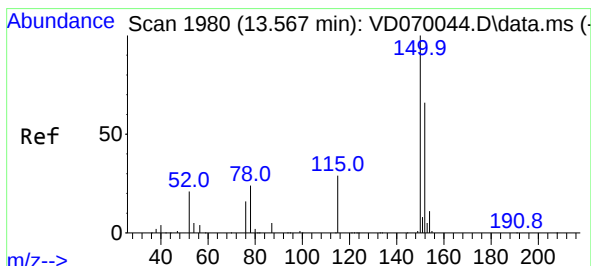
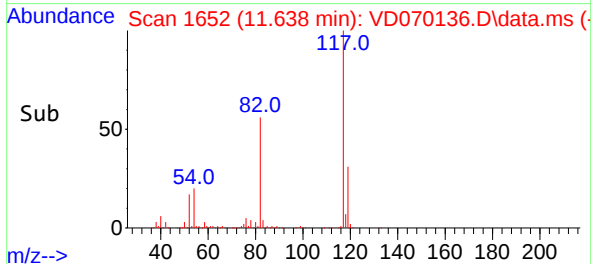
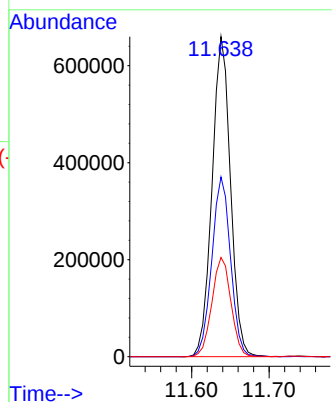
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

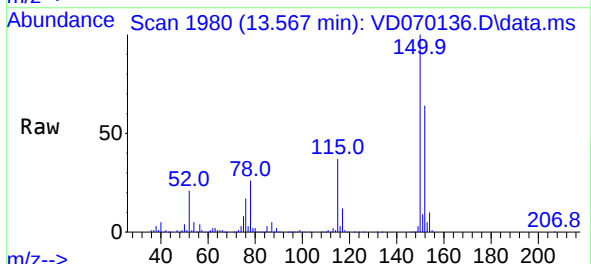


Tgt Ion:117 Resp: 1092461

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.5	71.3
119	31.0	25.1	37.7

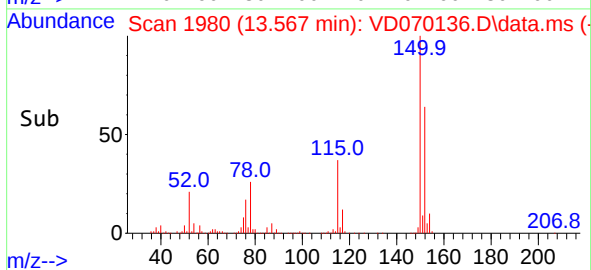
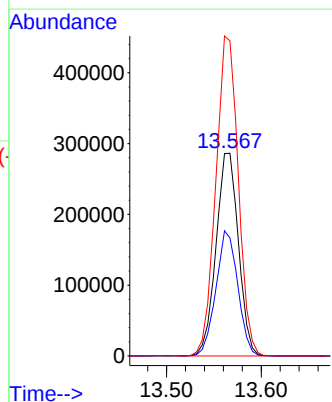


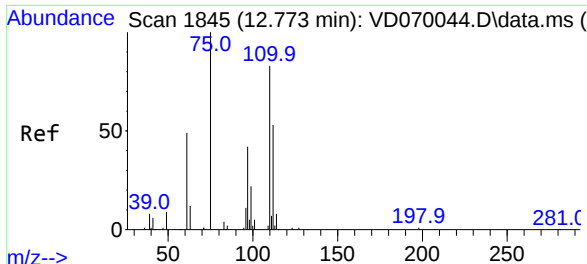
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14



Tgt Ion:152 Resp: 471417

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.2	93.6
150	158.0	0.0	352.0

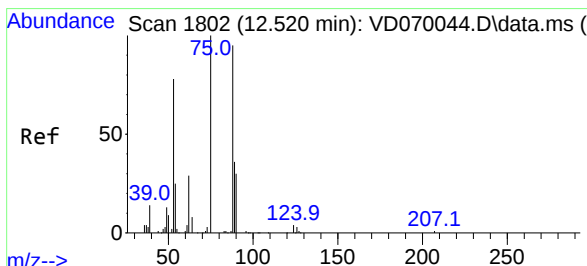
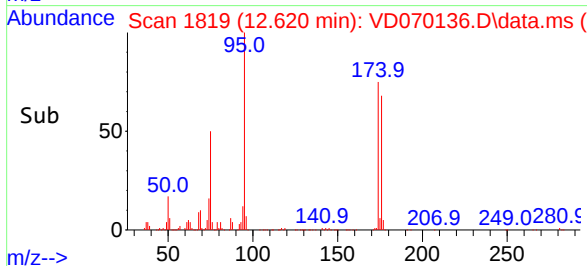
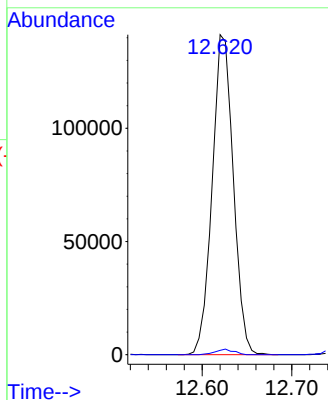
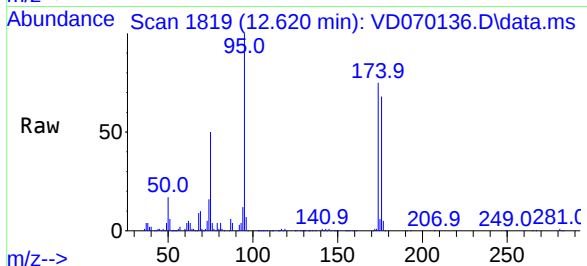




#76
1,2,3-Trichloropropane
Concen: 48.308 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0003

Tgt Ion: 75 Resp: 230952
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.390 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070136.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 75 Resp: 230952
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

