

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070133.D
 Acq On : 18 Aug 2021 17:48
 Operator : VA/SY
 Sample : M3435-15
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-24-0306

Quant Time: Aug 19 07:32:25 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)

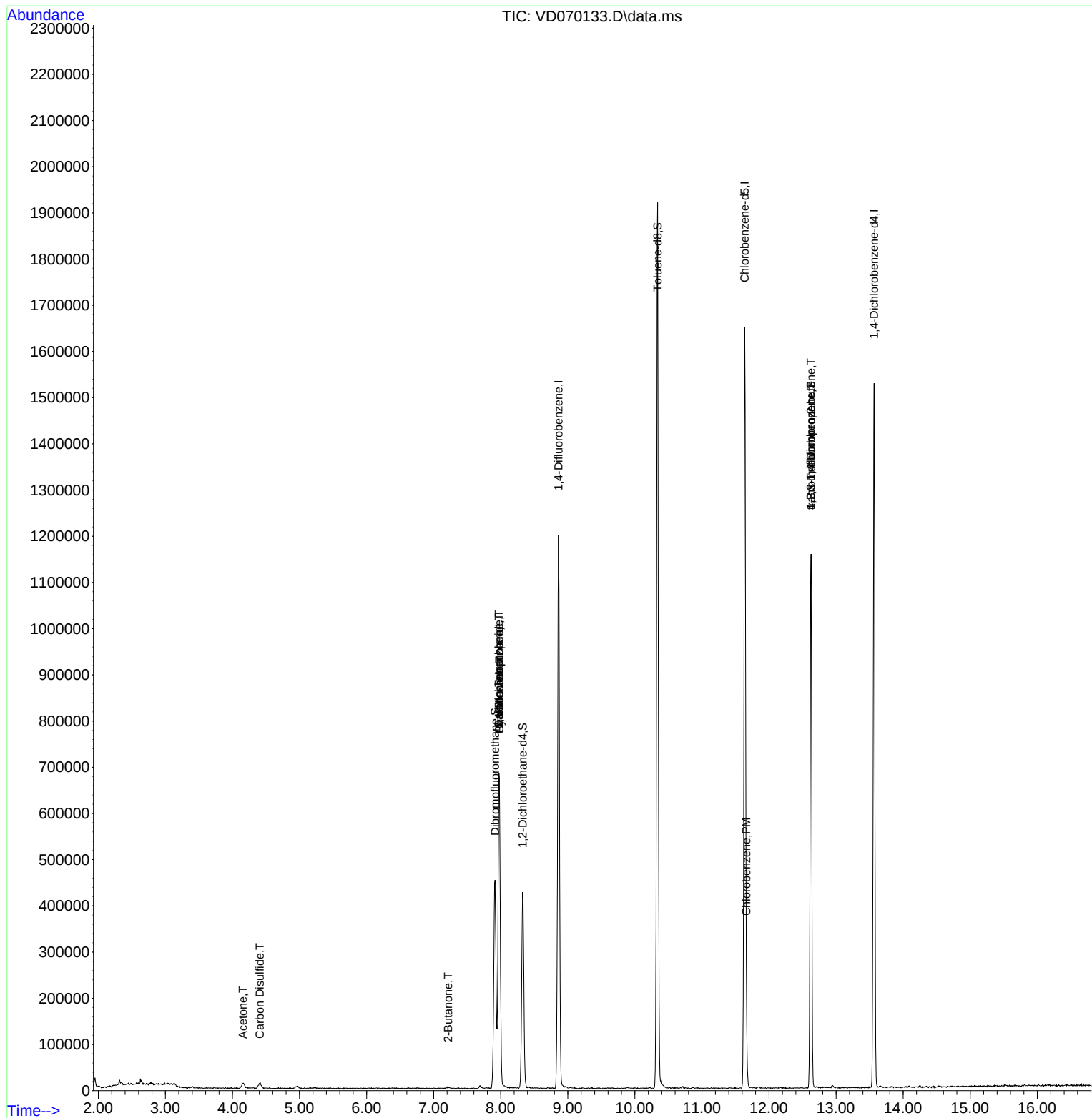
Internal Standards						
1) Pentafluorobenzene	7.979	168	491896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1003422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	971482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	403545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	334109	57.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.500%
35) Dibromofluoromethane	7.914	113	335601	51.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.338	98	1293691	51.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.626	95	401676	48.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	343	Below Cal		72
3) Chloromethane	2.215	50	1413	Below Cal	#	65
5) Bromomethane	2.773	94	2267	Below Cal	#	76
16) Acetone	4.156	43	19837	18.613	ug/l	91
17) Carbon Disulfide	4.409	76	25609	1.212	ug/l	97
20) Methylene Chloride	4.967	84	3901	Below Cal		90
25) 2-Butanone	7.214	43	2574	1.767	ug/l	94
31) Cyclohexane	7.979	56	12083	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	45869	4.249	ug/l #	49
38) Carbon Tetrachloride	7.973	117	53971	5.507	ug/l #	15
65) Chlorobenzene	11.661	112	35480	1.748	ug/l	98
76) 1,2,3-Trichloropropane	12.626	75	193912	47.382	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	193912	122.987	ug/l #	18

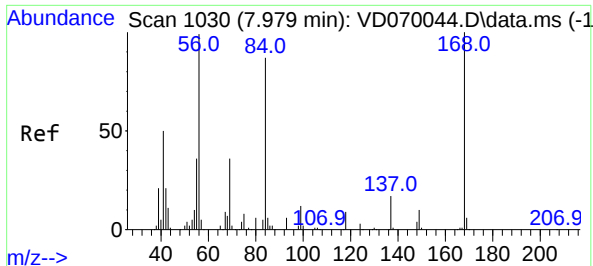
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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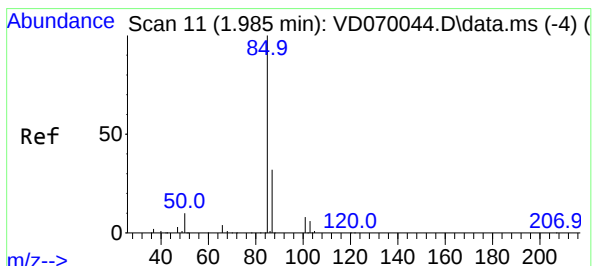
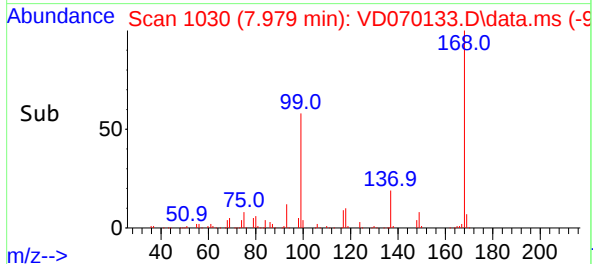
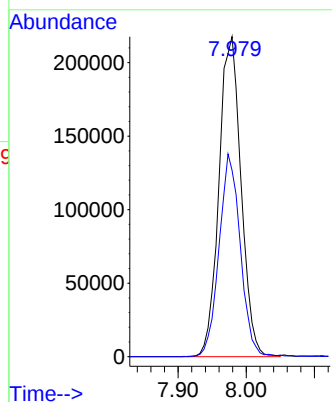
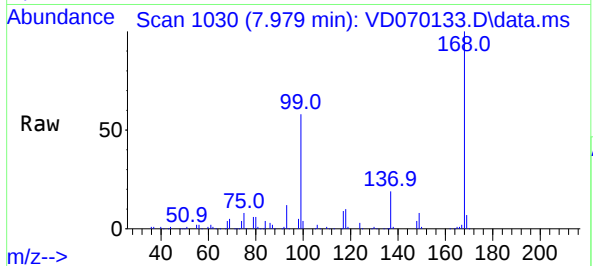




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

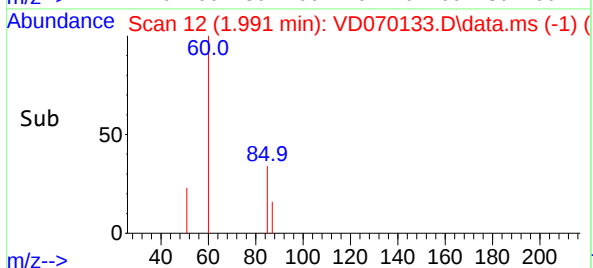
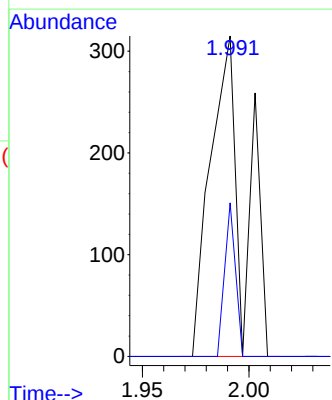
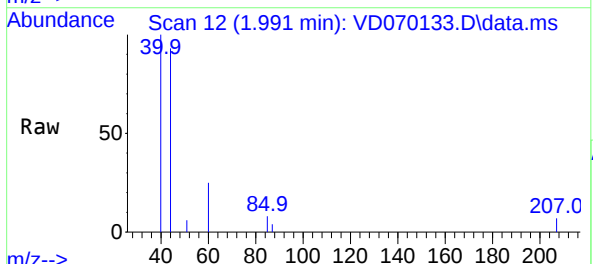
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

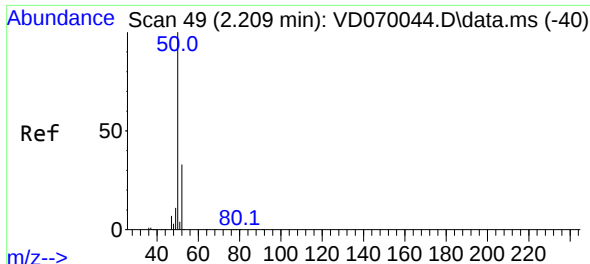
Tgt Ion:168 Resp: 491896
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 85 Resp: 343
Ion Ratio Lower Upper
85 100
87 47.9 16.2 48.6

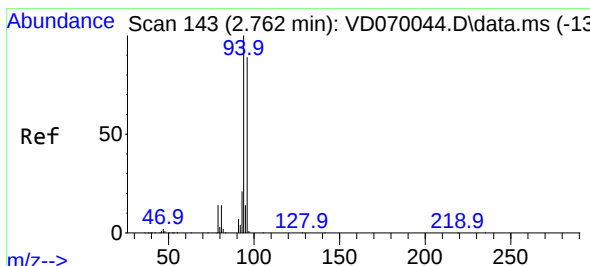
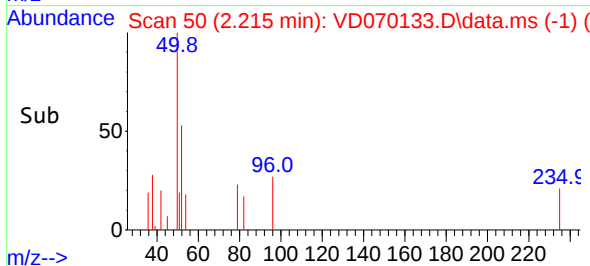
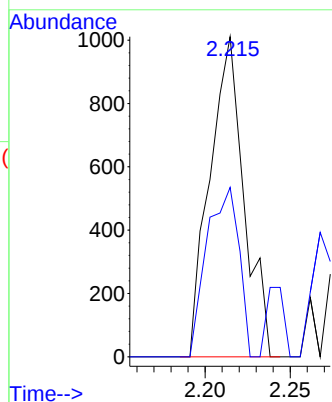
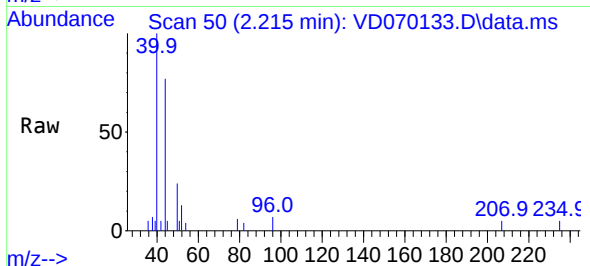




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

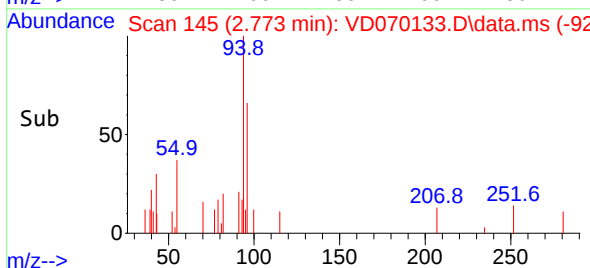
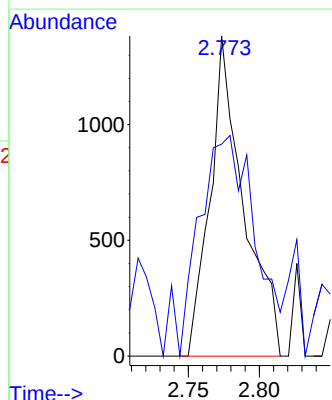
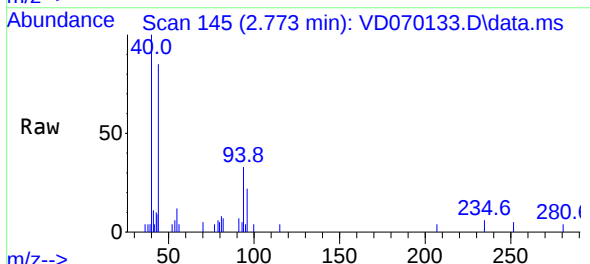
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

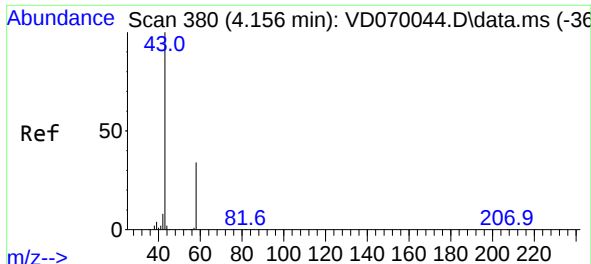
Tgt Ion: 50 Resp: 1413
Ion Ratio Lower Upper
50 100
52 52.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 94 Resp: 2267
Ion Ratio Lower Upper
94 100
96 66.2 70.9 106.3#

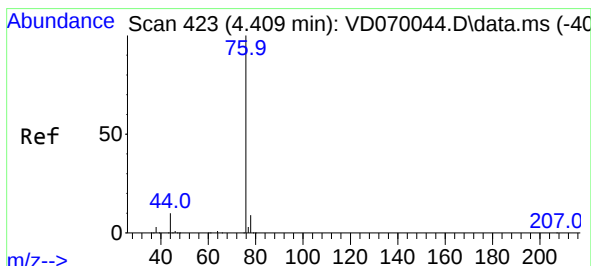
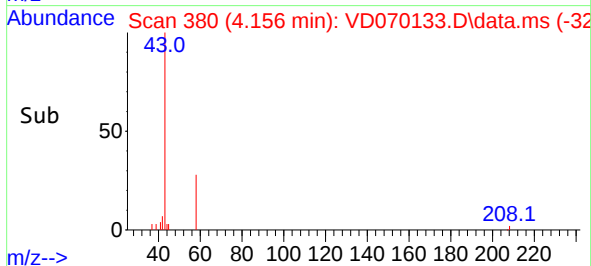
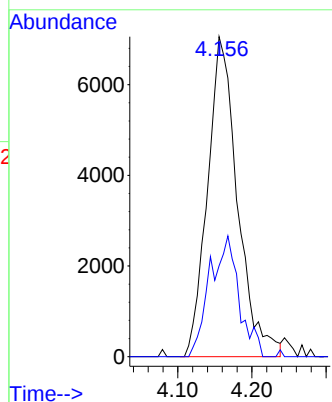
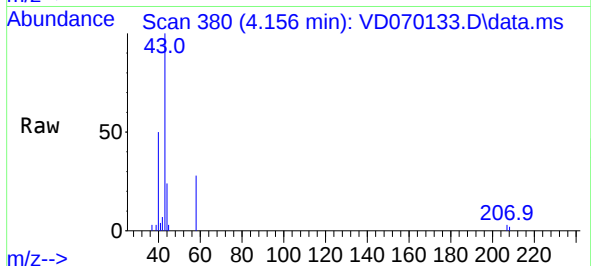




#16
Acetone
Concen: 18.613 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

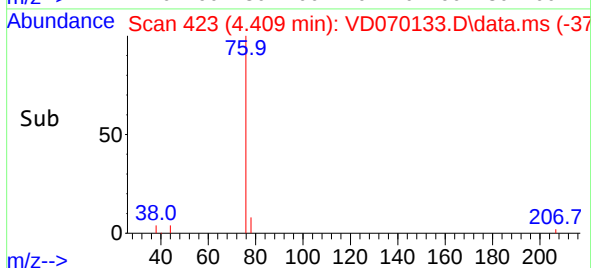
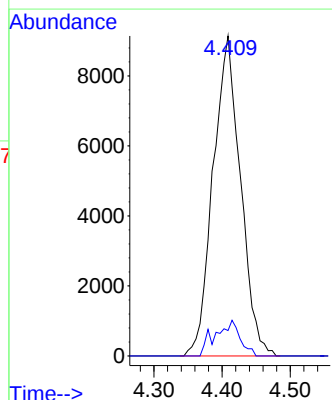
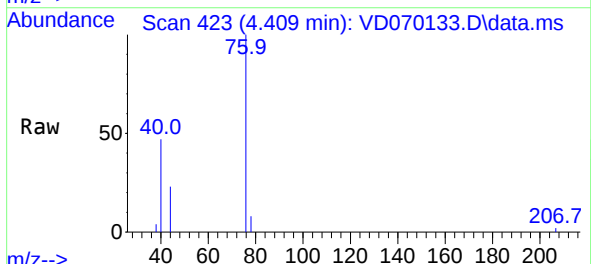
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

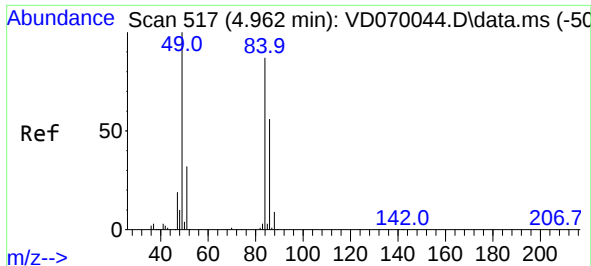
Tgt Ion: 43 Resp: 19837
Ion Ratio Lower Upper
43 100
58 28.4 26.8 40.2



#17
Carbon Disulfide
Concen: 1.212 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 76 Resp: 25609
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



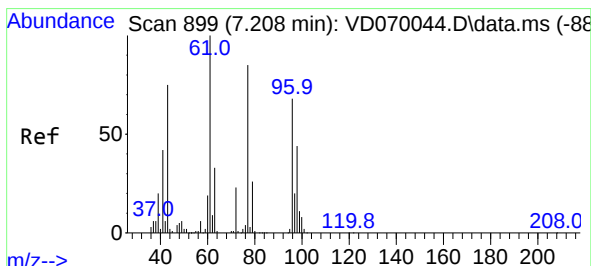
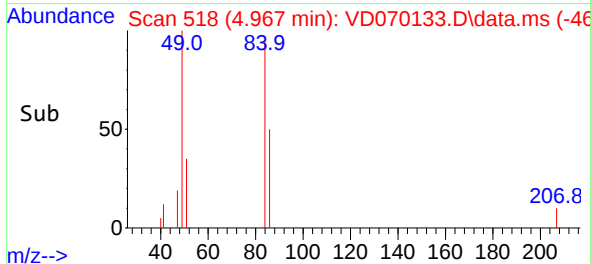
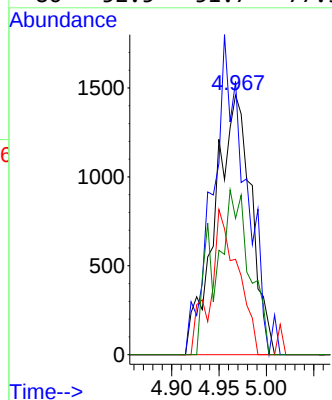
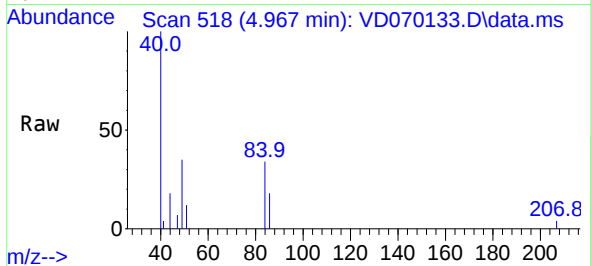


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

Tgt Ion: 84 Resp: 3901

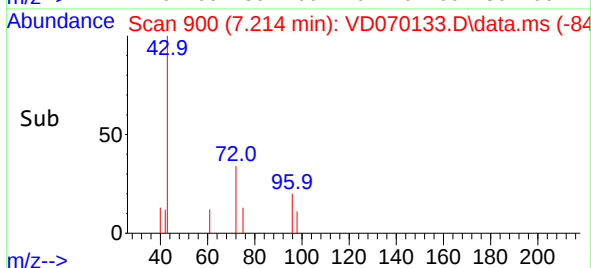
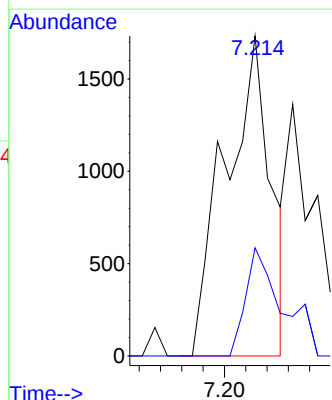
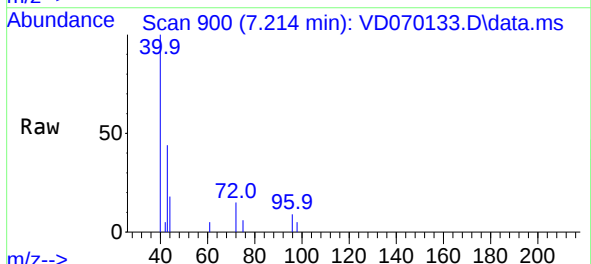
Ion	Ratio	Lower	Upper
84	100		
49	105.2	92.5	138.7
51	36.7	29.7	44.5
86	52.5	51.7	77.5

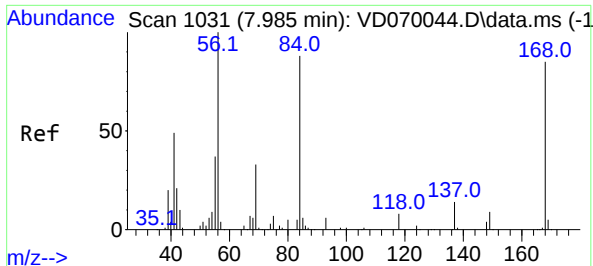


#25
2-Butanone
Concen: 1.767 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 43 Resp: 2574

Ion	Ratio	Lower	Upper
43	100		
72	33.8	24.2	36.4

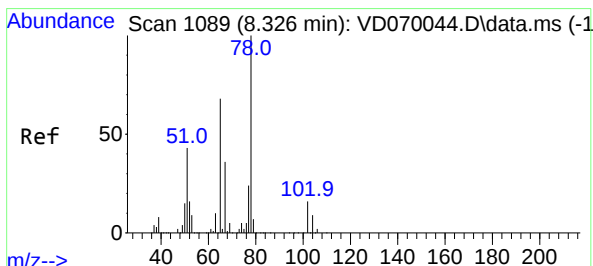
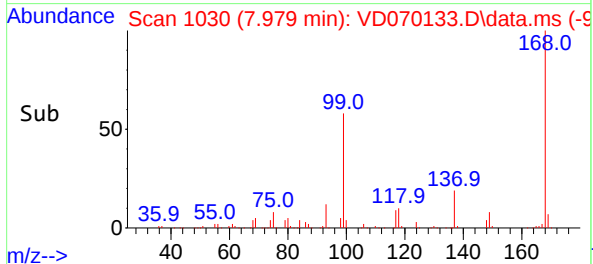
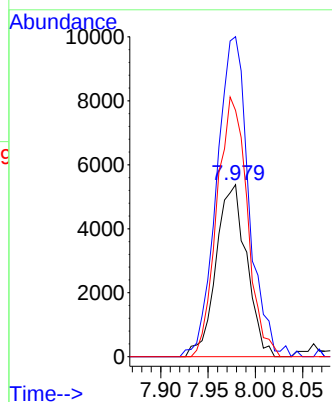
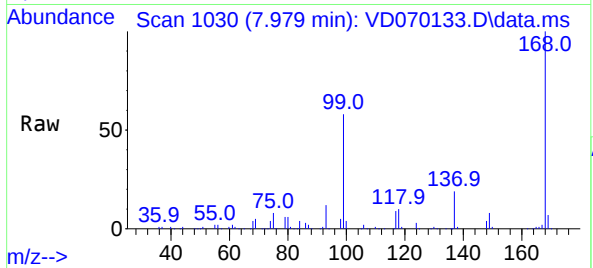




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

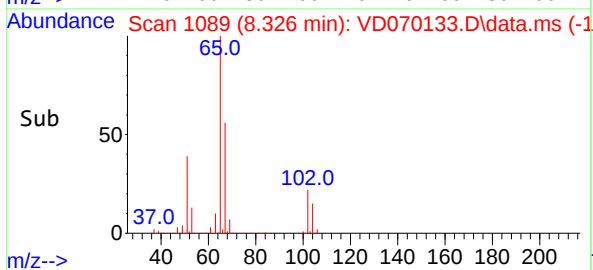
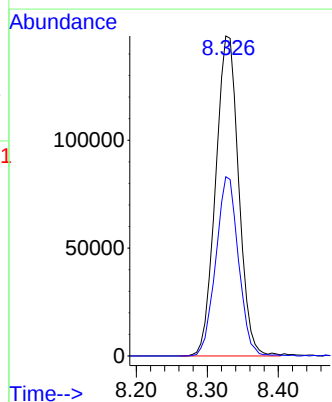
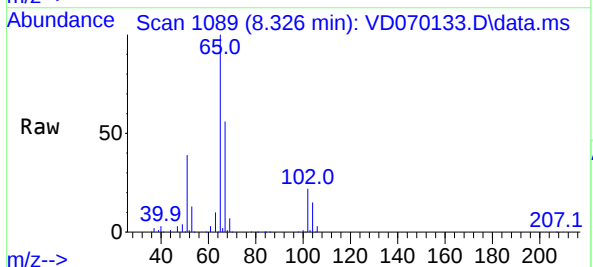
Instrument :
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SWCS-24-0306

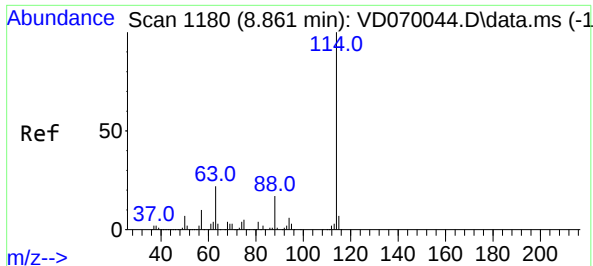
Tgt Ion: 56 Resp: 12083
Ion Ratio Lower Upper
56 100
69 186.0 26.7 40.1#
84 143.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 57.750 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 65 Resp: 334109
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.8





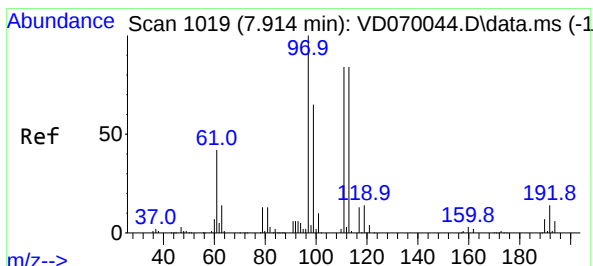
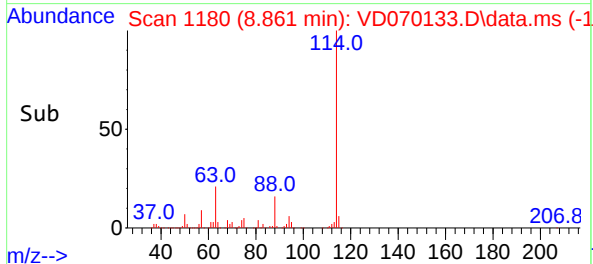
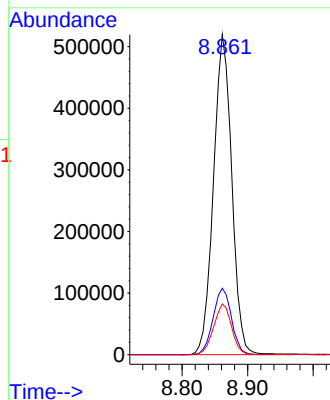
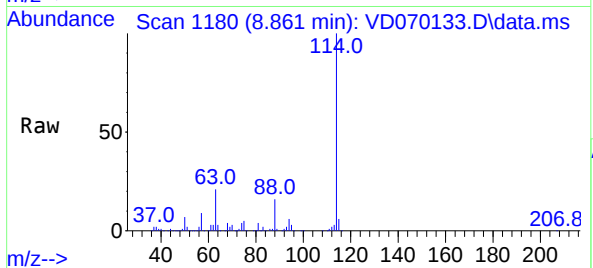
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

Tgt Ion:114 Resp: 1003422

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	15.9	0.0	33.4

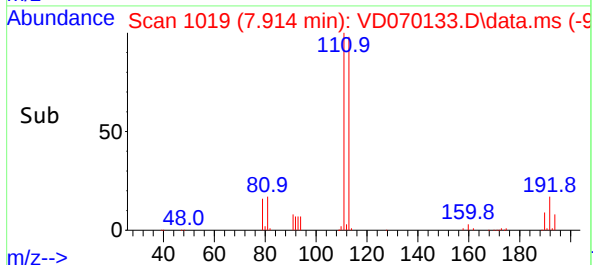
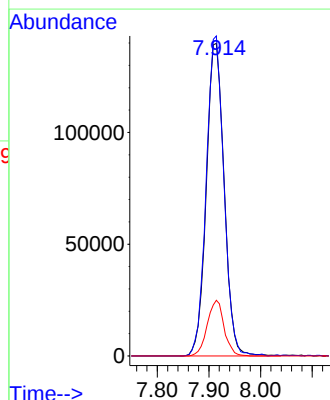
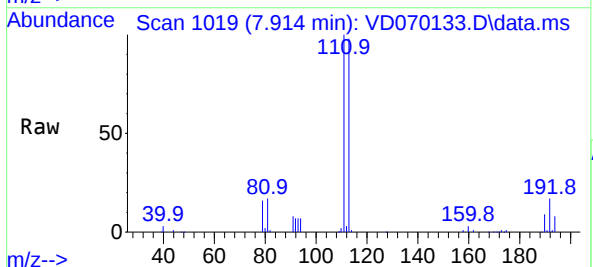


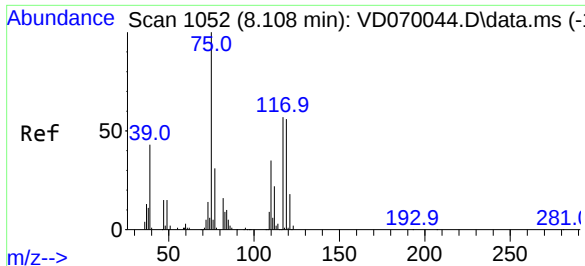
#35

Dibromofluoromethane
Concen: 51.768 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion:113 Resp: 335601

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	16.8	13.2	19.8

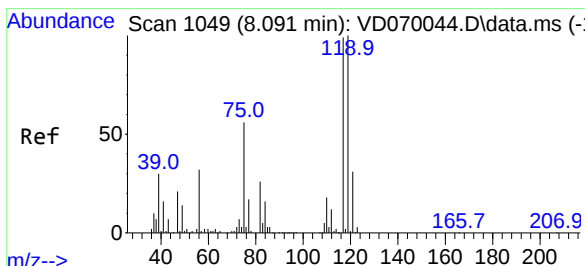
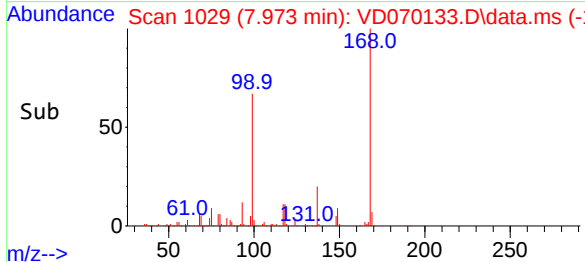
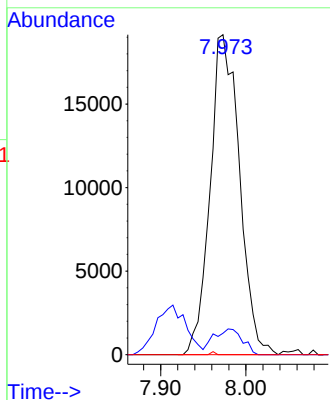
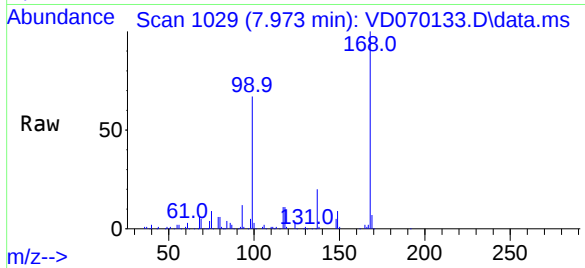




#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

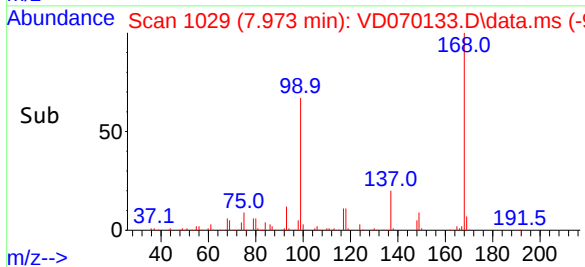
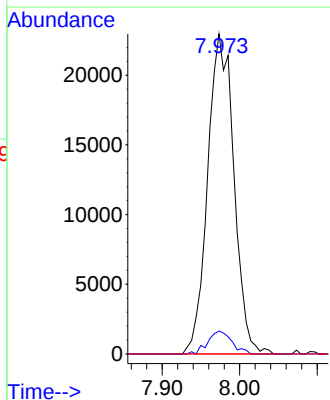
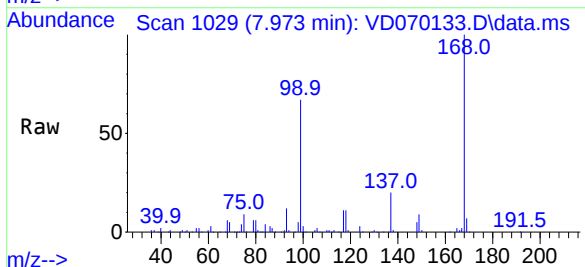
Instrument :
MSVOA_D
ClientSampleId :
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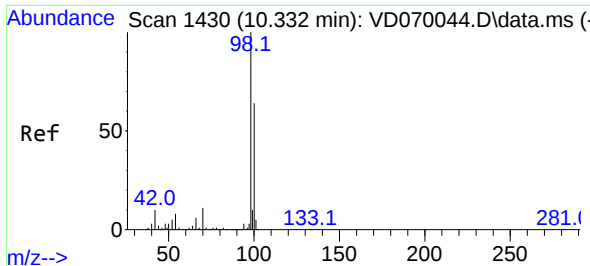
Tgt Ion: 75 Resp: 45869
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.7#
77 0.1 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 117 Resp: 53971
Ion Ratio Lower Upper
117 100
119 7.1 81.0 121.6#
121 0.0 25.0 37.6#

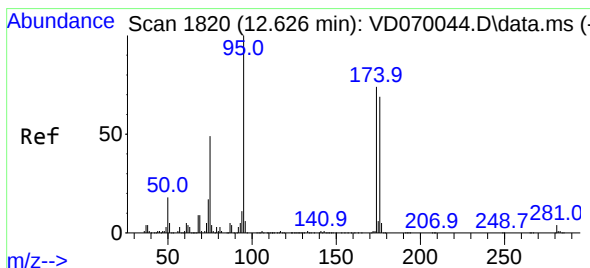
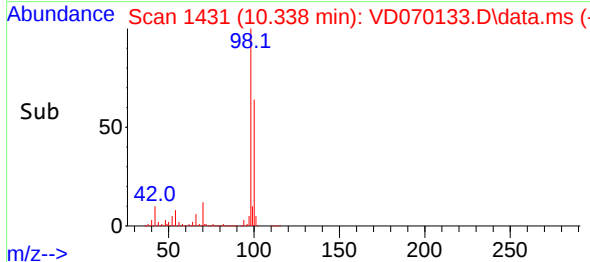
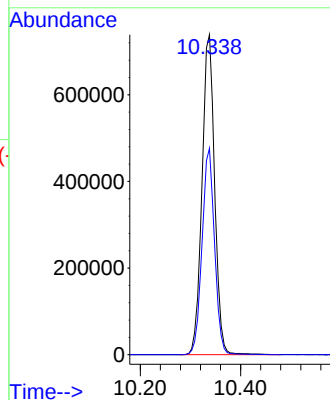
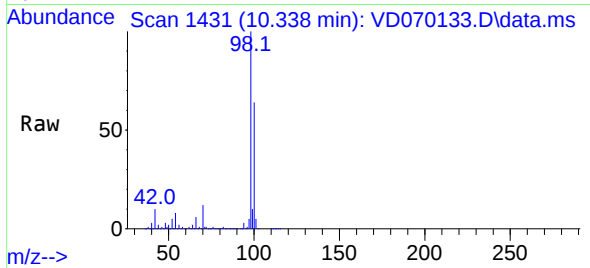




#50
Toluene-d8
Concen: 51.308 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

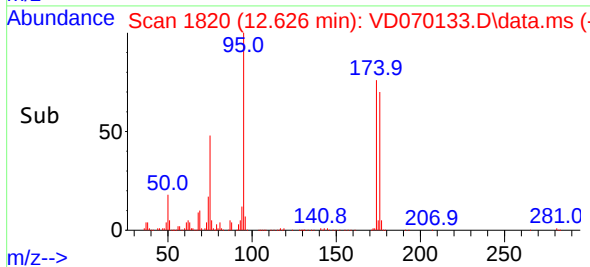
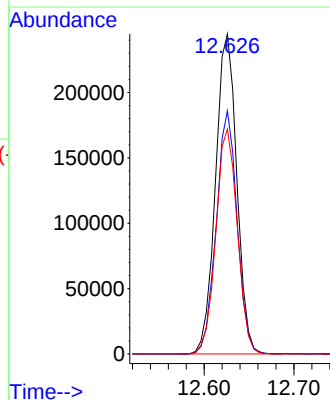
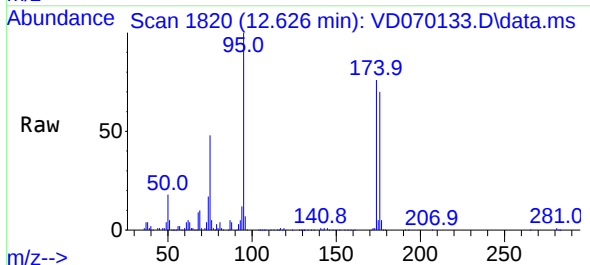
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

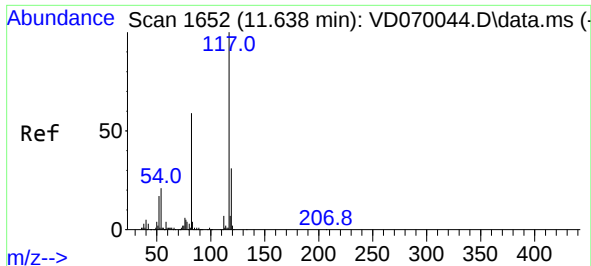
Tgt Ion: 98 Resp: 1293691
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.366 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 95 Resp: 401676
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.6
176 70.7 0.0 138.2

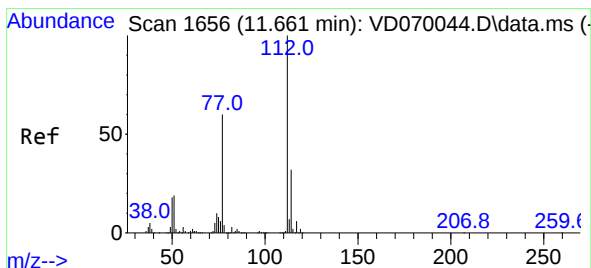
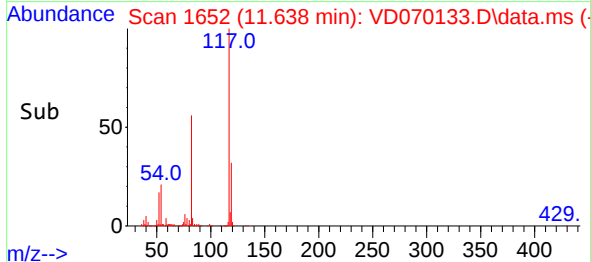
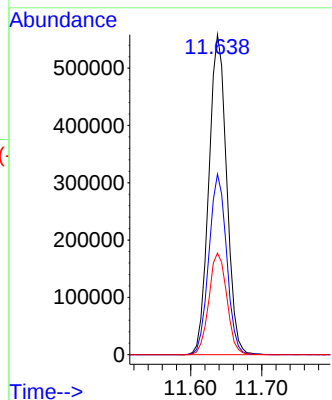
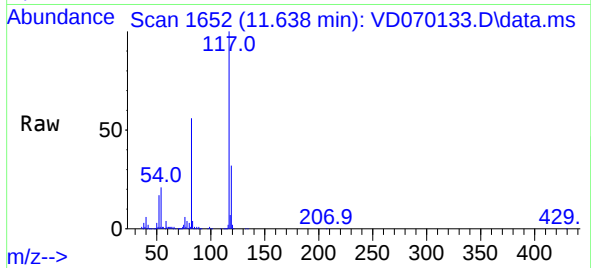




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

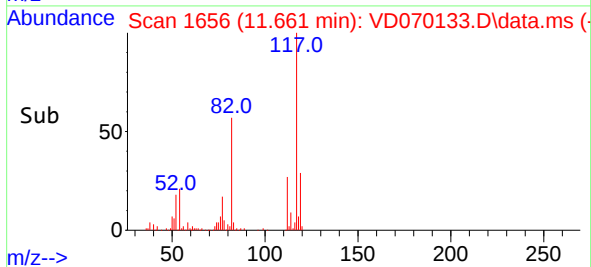
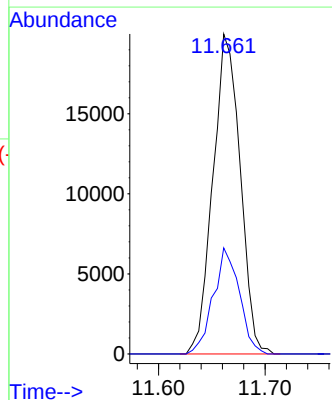
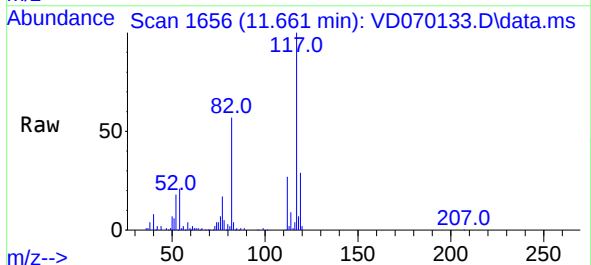
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

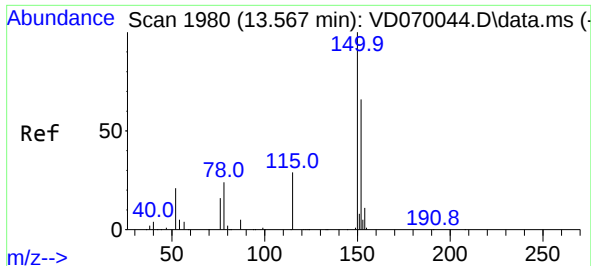
Tgt Ion:117 Resp: 971482
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 31.7 25.1 37.7



#65
Chlorobenzene
Concen: 1.748 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Tgt Ion:112 Resp: 35480
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3

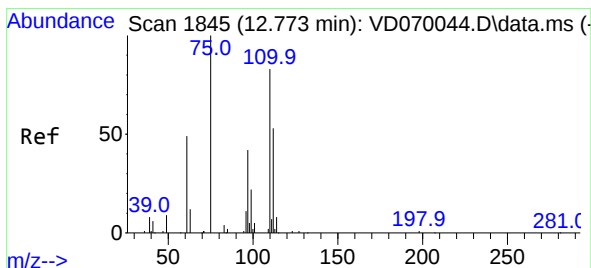
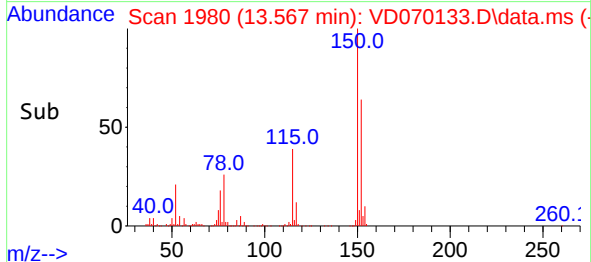
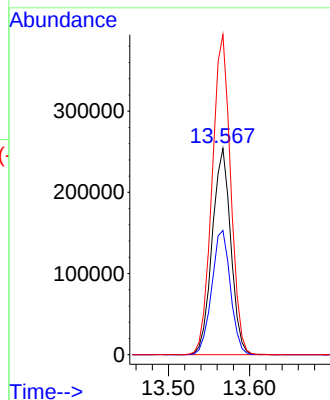
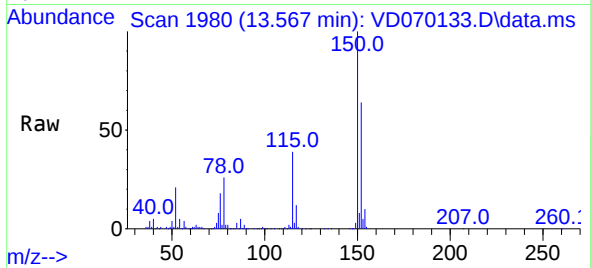




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

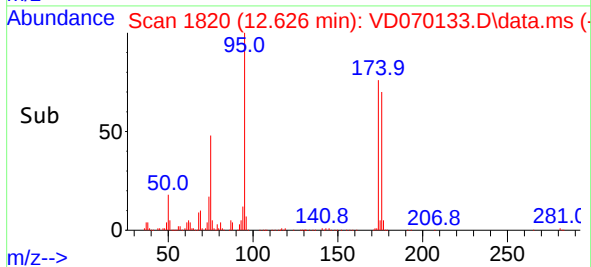
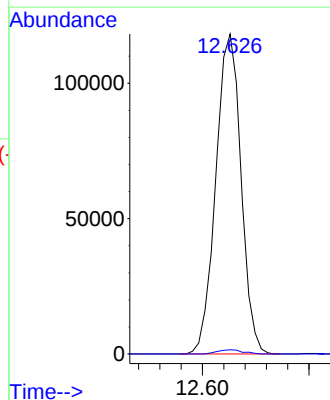
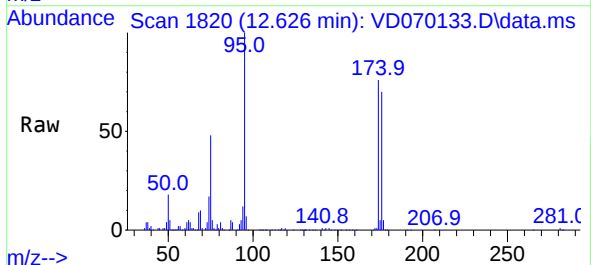
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306

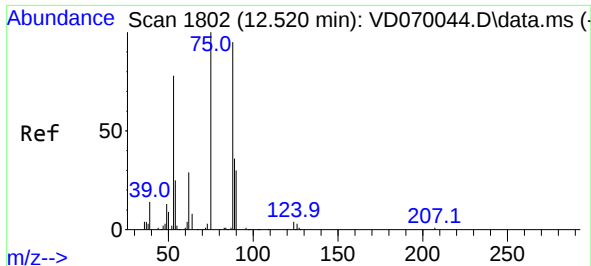
Tgt Ion:152 Resp: 403545
Ion Ratio Lower Upper
152 100
115 60.6 31.2 93.6
150 155.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.382 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

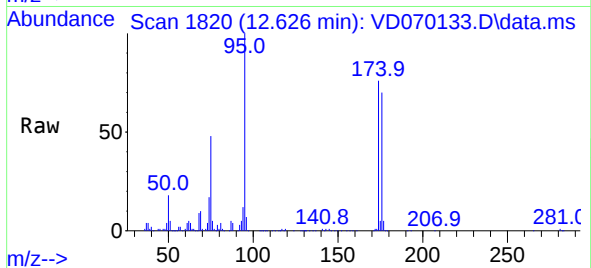
Tgt Ion: 75 Resp: 193912
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.987 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070133.D
Acq: 18 Aug 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306



Tgt Ion: 75 Resp: 193912
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

