

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070132.D
 Acq On : 18 Aug 2021 17:19
 Operator : VA/SY
 Sample : M3435-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-24-0003

Quant Time: Aug 19 07:32:08 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)

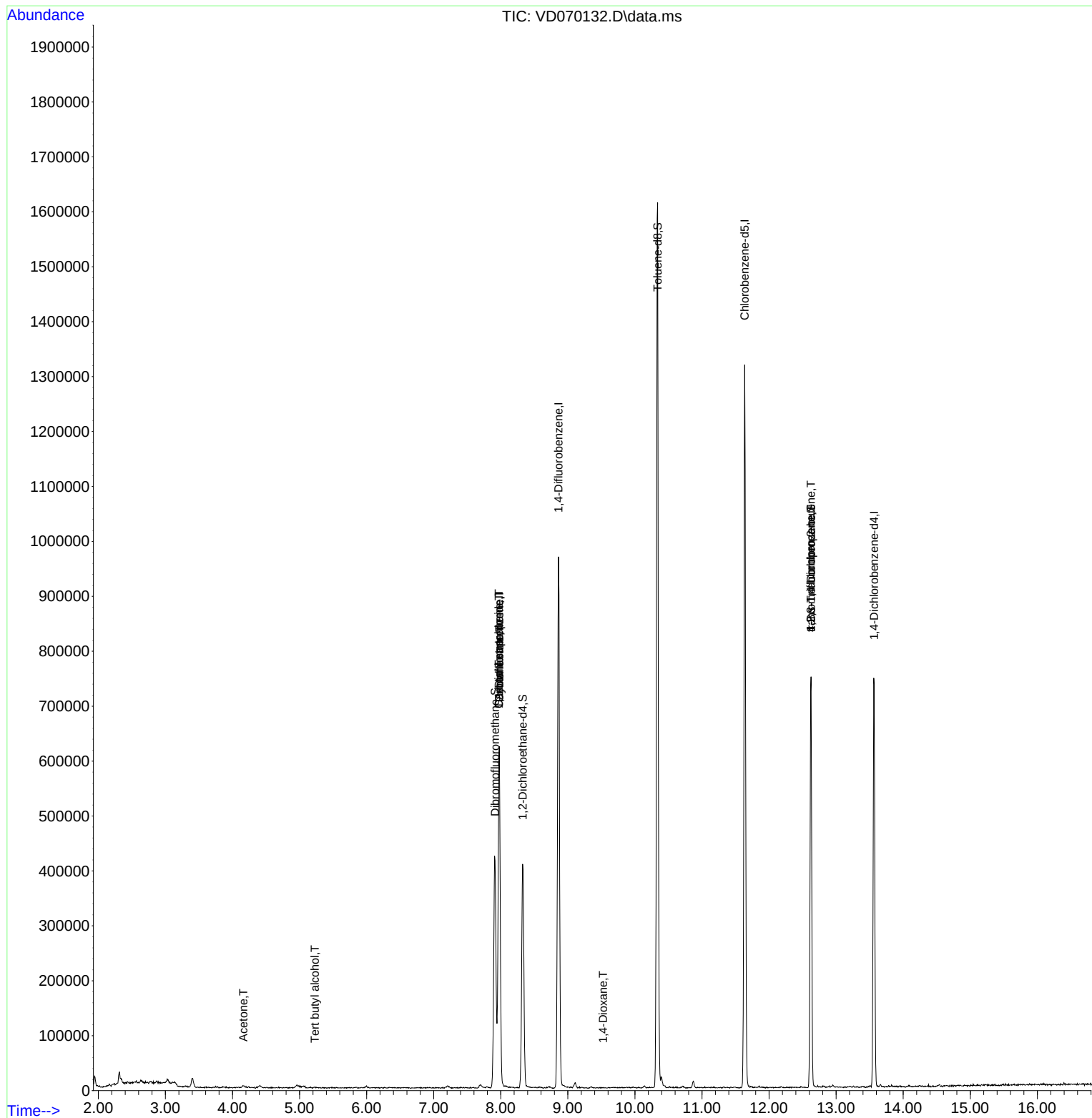
Internal Standards						
1) Pentafluorobenzene	7.979	168	441133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	835312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	754451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	203285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325090	62.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.320%	
35) Dibromofluoromethane	7.914	113	322356	59.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.460%	
50) Toluene-d8	10.338	98	1103374	52.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.626	95	265353	38.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.997	85	427	Below Cal	#	42
3) Chloromethane	2.209	50	1022	Below Cal		96
5) Bromomethane	2.773	94	1662	Below Cal	#	59
11) Tert butyl alcohol	5.226	59	547	1.907	ug/l	98
16) Acetone	4.162	43	6619	6.925	ug/l #	66
20) Methylene Chloride	4.956	84	3413	Below Cal		93
31) Cyclohexane	7.979	56	10690	1.041	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	37886	4.216	ug/l #	50
38) Carbon Tetrachloride	7.973	117	47153	5.780	ug/l #	16
49) 1,4-Dioxane	9.526	88	109	3.046	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	125531	60.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	125531	158.049	ug/l #	18

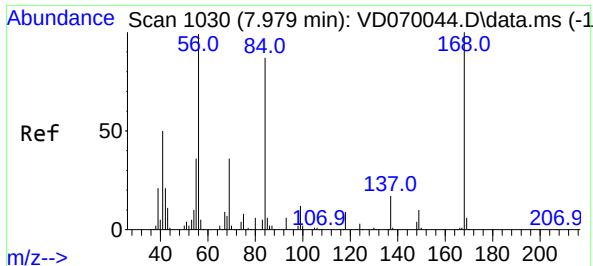
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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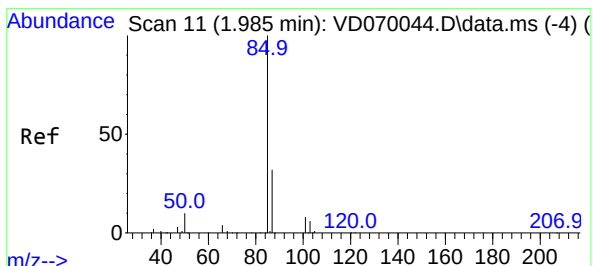
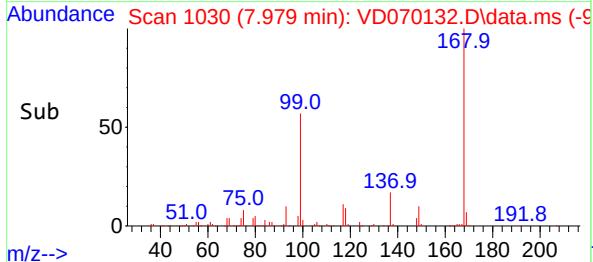
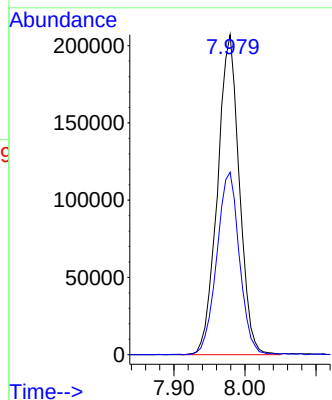
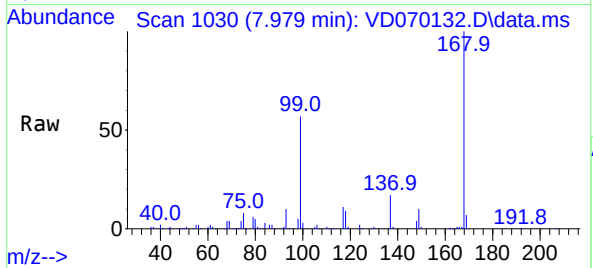




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

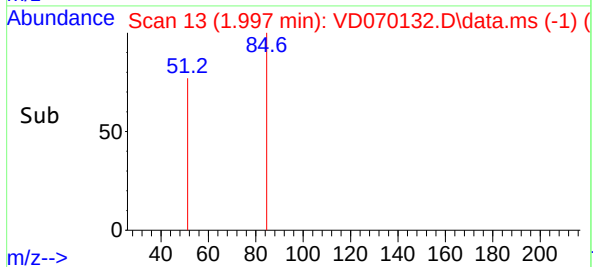
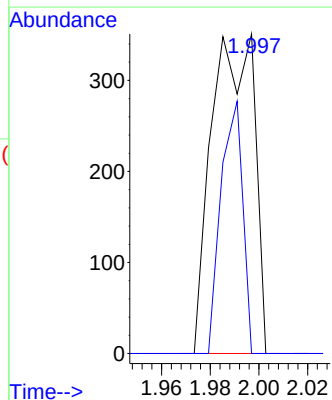
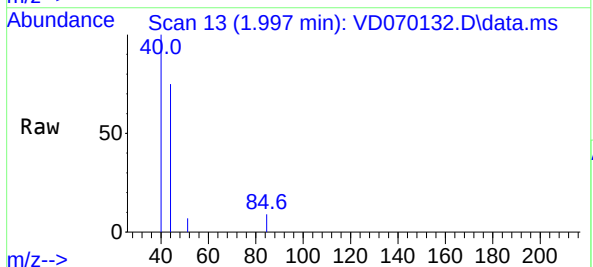
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

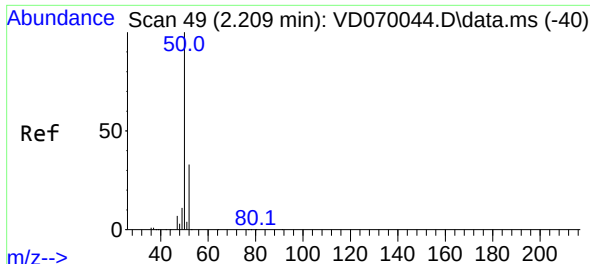
Tgt Ion:168 Resp: 441133
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 85 Resp: 427
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

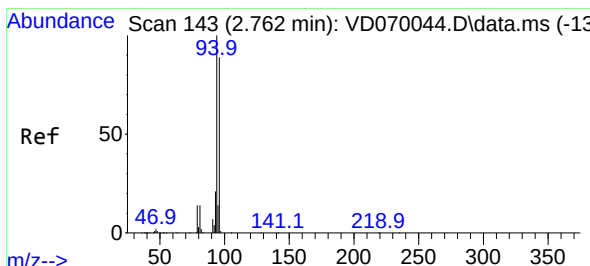
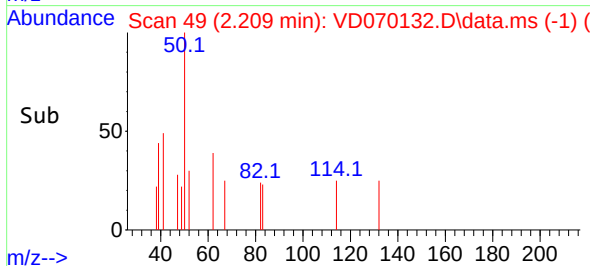
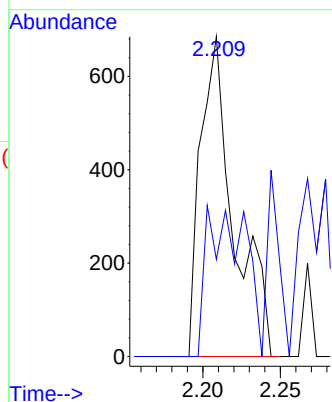
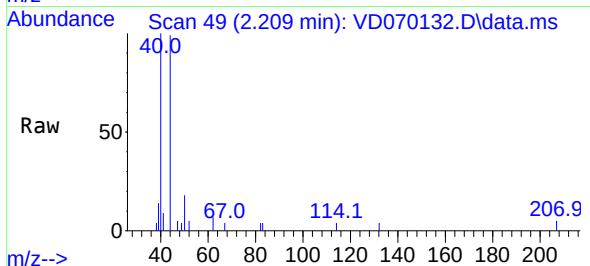




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

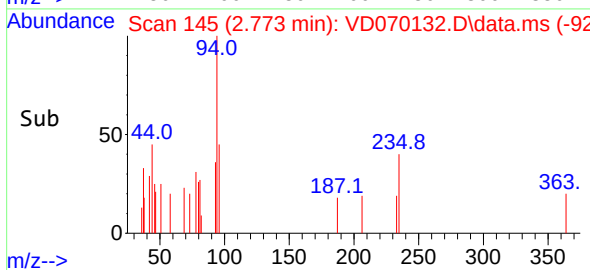
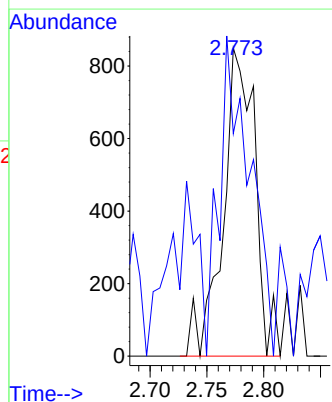
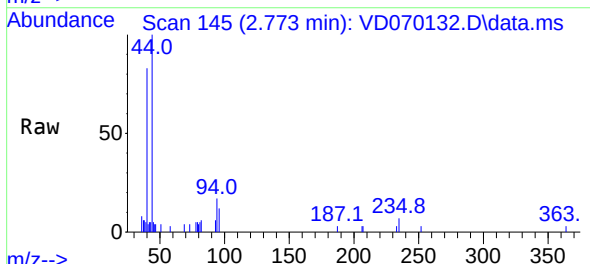
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

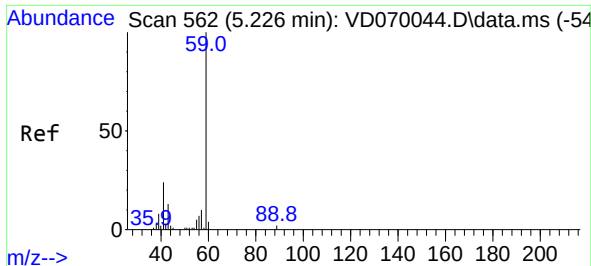
Tgt Ion: 50 Resp: 1022
Ion Ratio Lower Upper
50 100
52 30.4 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 94 Resp: 1662
Ion Ratio Lower Upper
94 100
96 50.7 70.9 106.3#



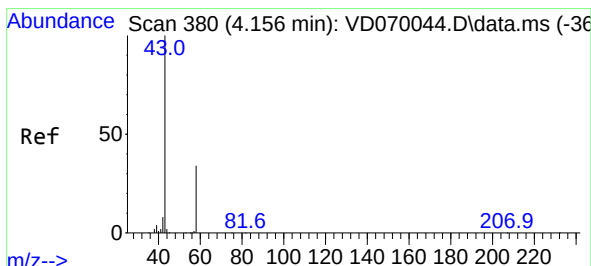
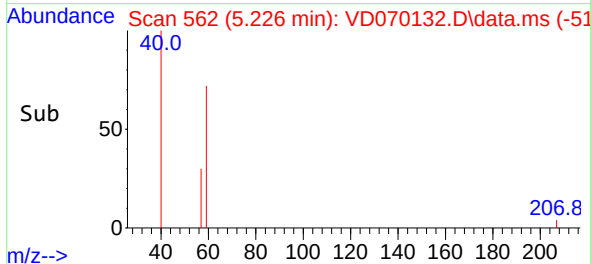
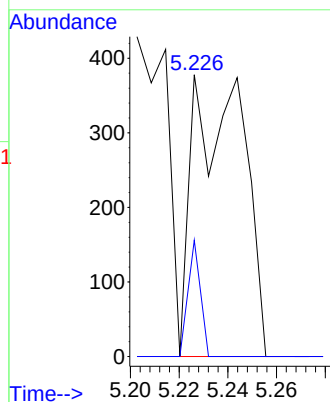
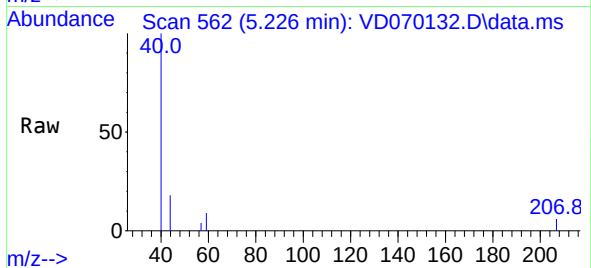


#11

Tert butyl alcohol
Concen: 1.907 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

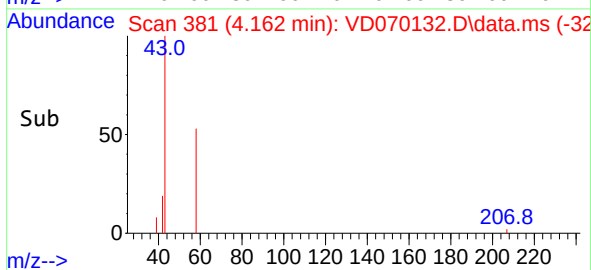
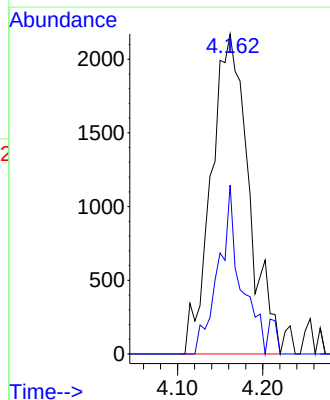
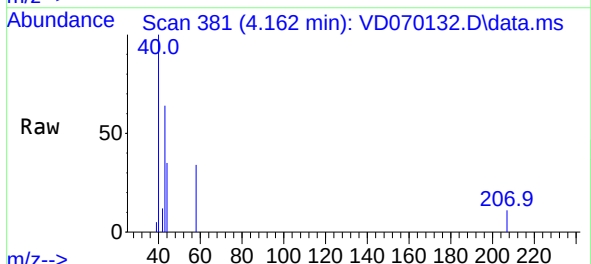
Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2

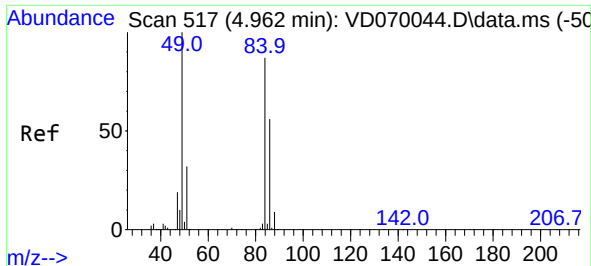


#16

Acetone
Concen: 6.925 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

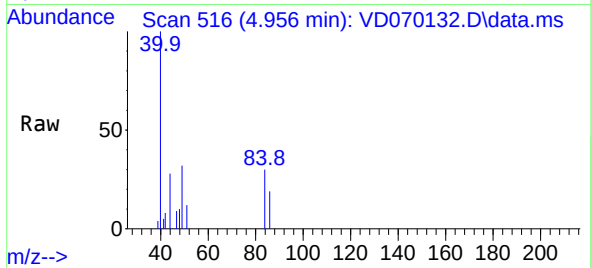
Tgt Ion: 43 Resp: 6619
Ion Ratio Lower Upper
43 100
58 52.8 26.8 40.2#





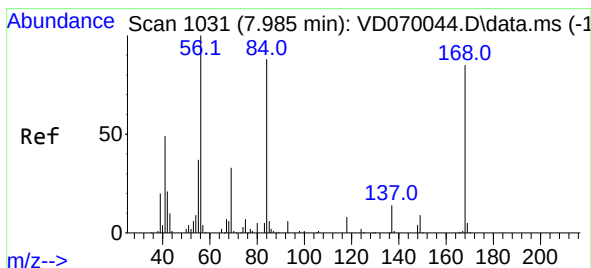
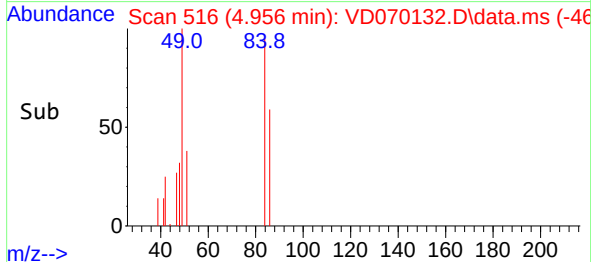
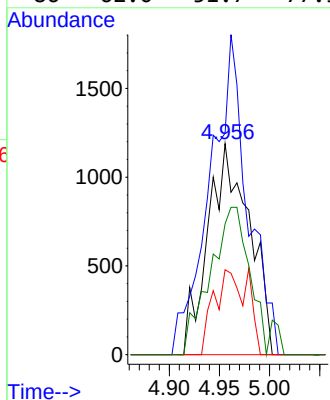
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003



Tgt Ion: 84 Resp: 3413

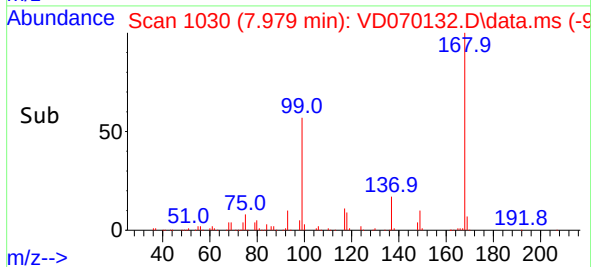
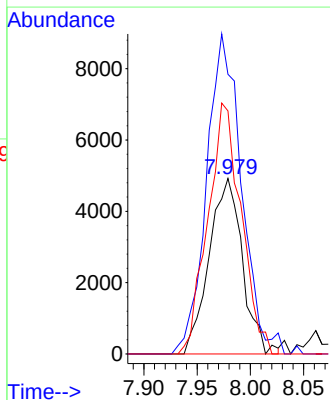
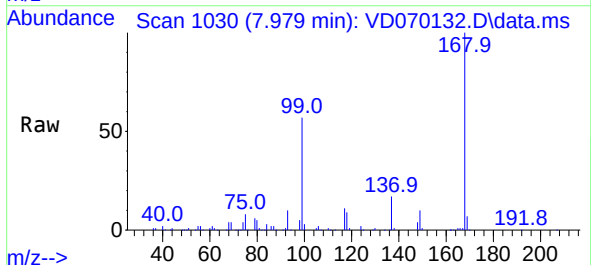
Ion	Ratio	Lower	Upper
84	100		
49	105.0	92.5	138.7
51	40.3	29.7	44.5
86	62.0	51.7	77.5

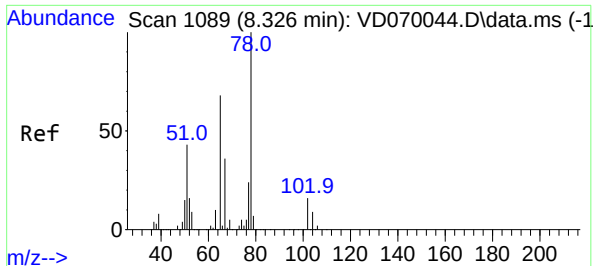


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 56 Resp: 10690

Ion	Ratio	Lower	Upper
56	100		
69	154.8	26.7	40.1#
84	138.5	70.4	105.6#



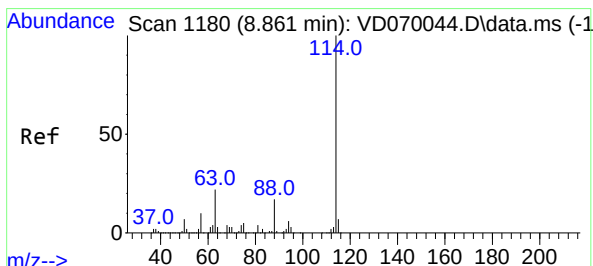
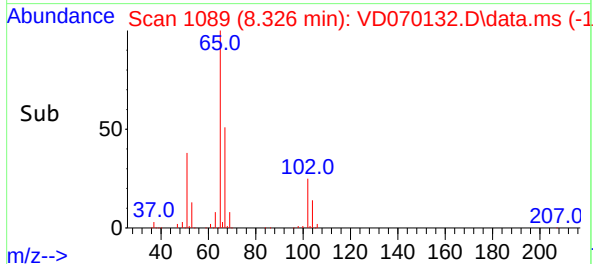
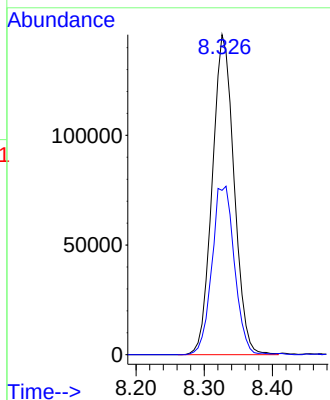
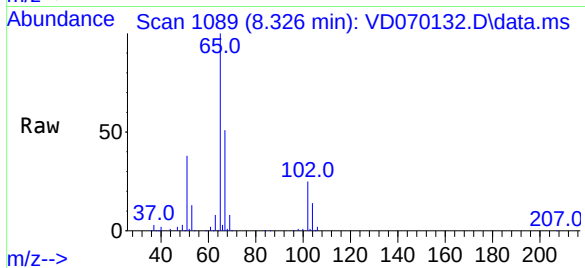


#33

1,2-Dichloroethane-d4
Concen: 62.657 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

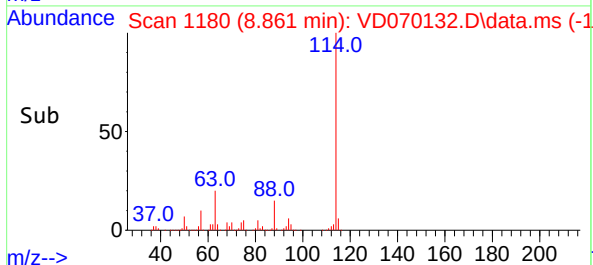
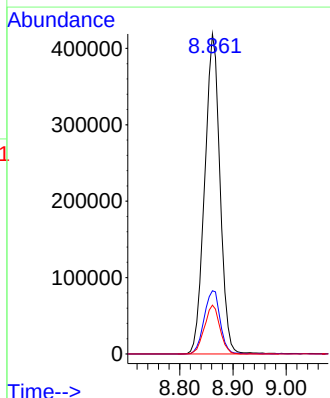
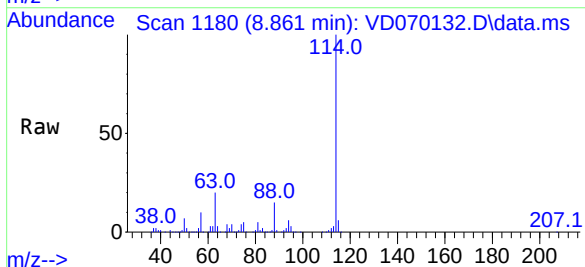
Tgt Ion: 65 Resp: 325090
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.8

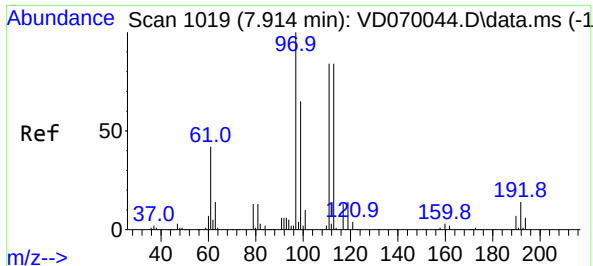


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion:114 Resp: 835312
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.6
88 15.3 0.0 33.4



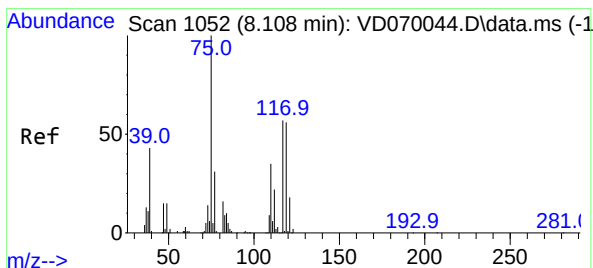
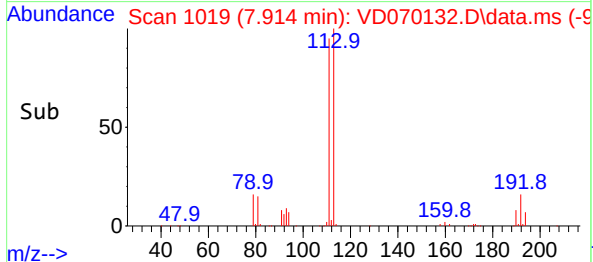
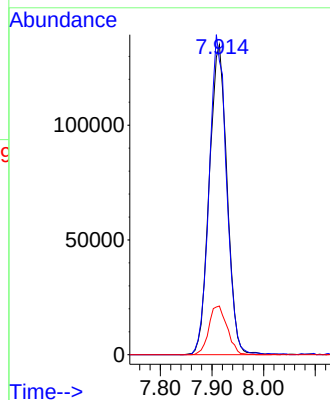
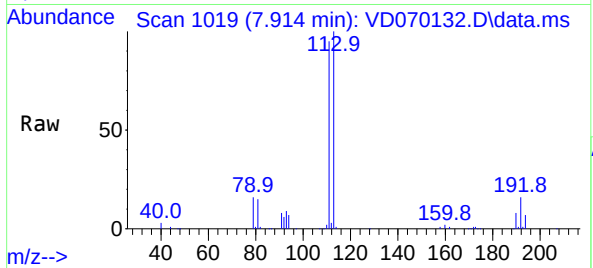


#35
Dibromofluoromethane
Concen: 59.733 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

Tgt Ion:113 Resp: 322356

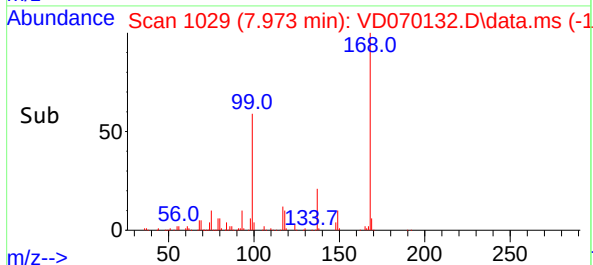
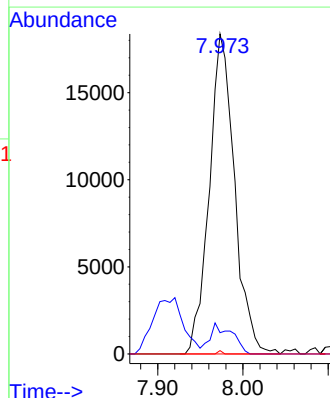
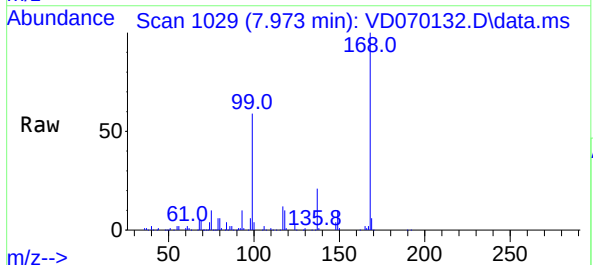
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.6
192	16.2	13.2	19.8

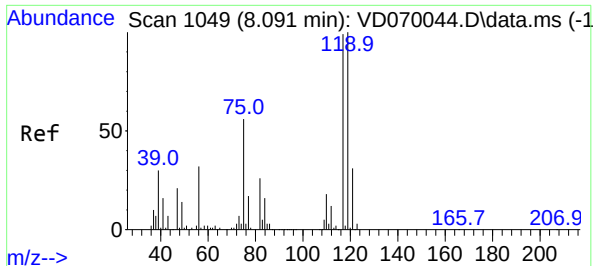


#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 75 Resp: 37886

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.9	50.7#
77	0.2	25.2	37.8#

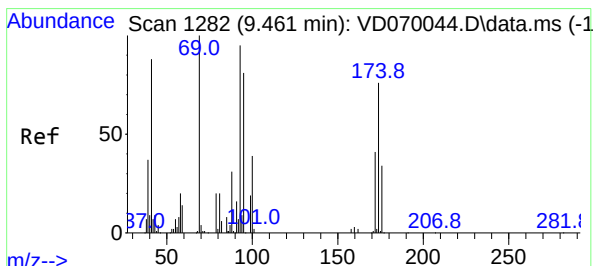
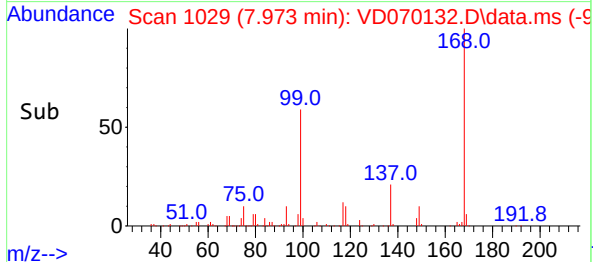
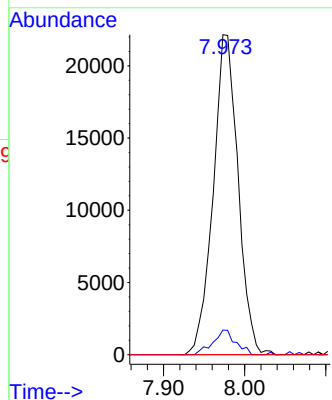
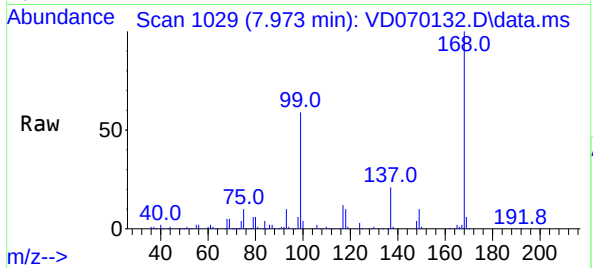




#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

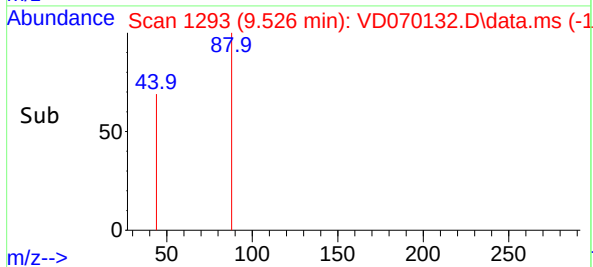
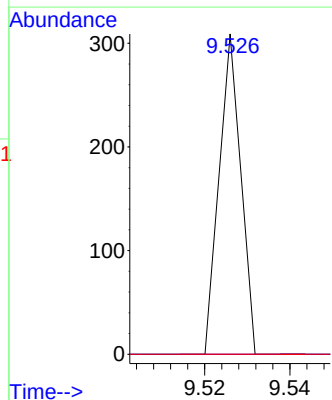
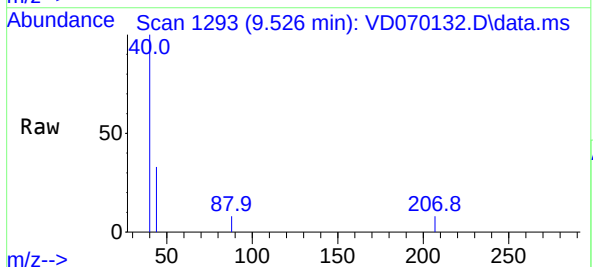
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

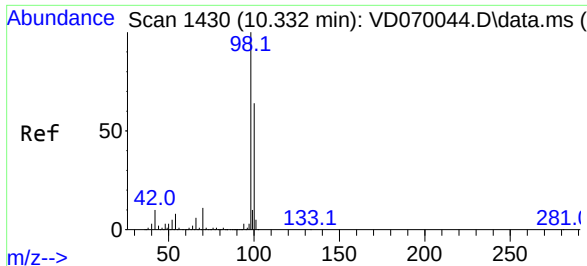
Tgt Ion:117 Resp: 47153
Ion Ratio Lower Upper
117 100
119 7.7 81.0 121.6#
121 0.0 25.0 37.6#



#49
1,4-Dioxane
Concen: 3.046 ug/l
RT: 9.526 min Scan# 1293
Delta R.T. 0.065 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 57.4 86.2#

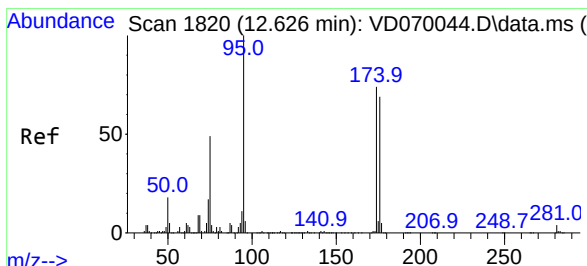
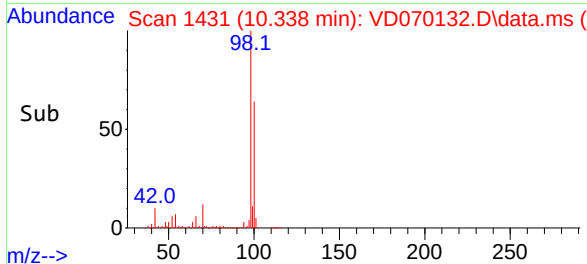
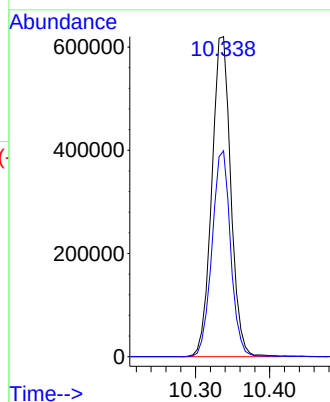
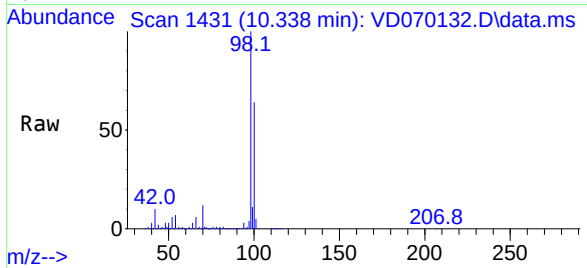




#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

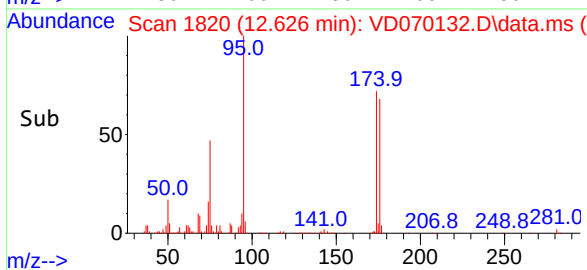
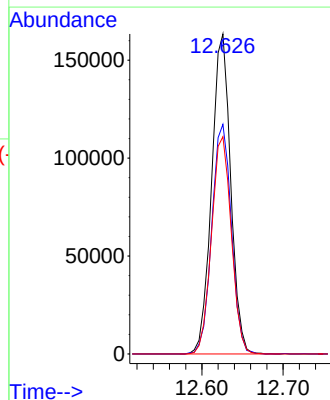
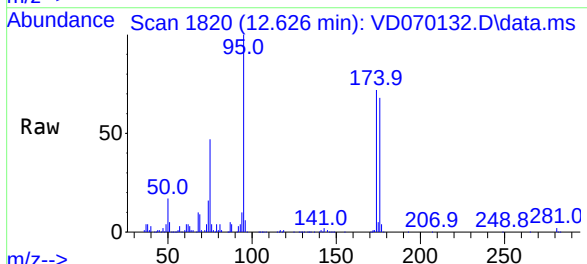
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

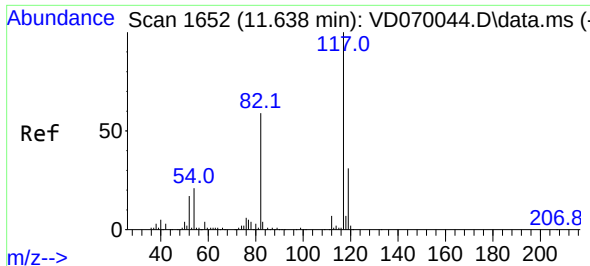
Tgt Ion: 98 Resp: 1103374
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 38.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 95 Resp: 265353
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 70.5 0.0 138.2

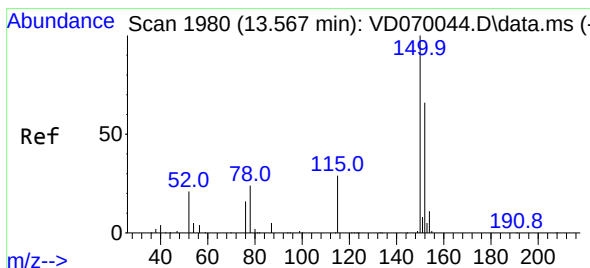
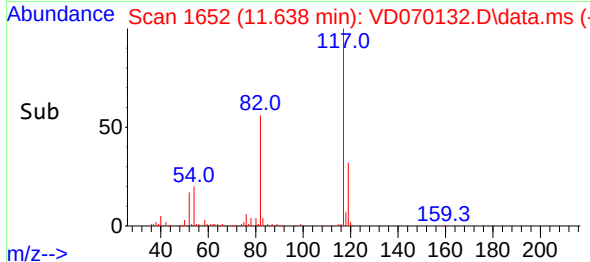
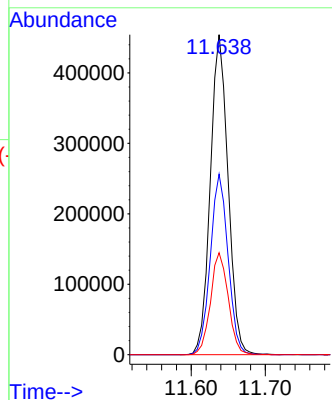
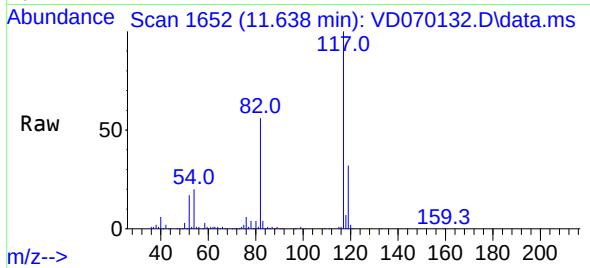




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

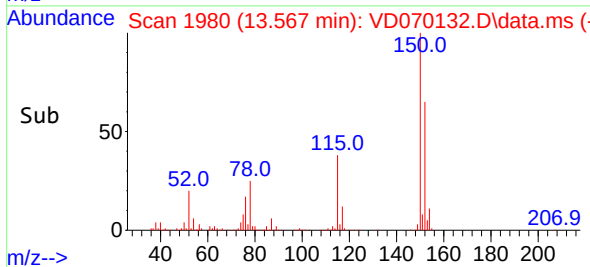
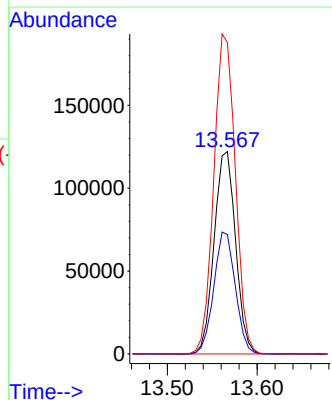
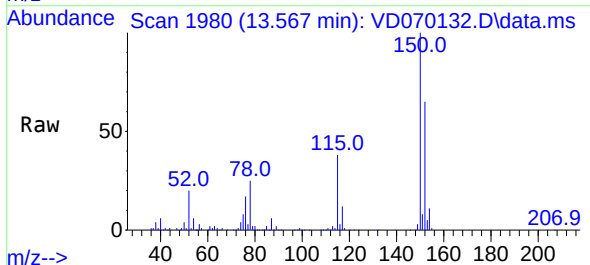
Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

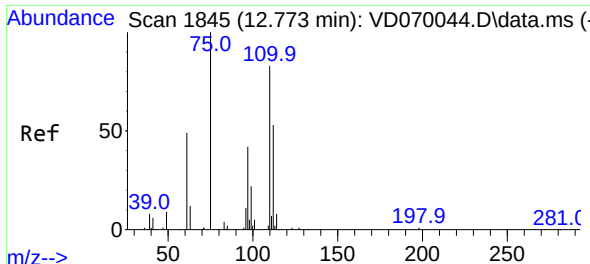
Tgt Ion:	117	Resp:	754451
Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.5	71.3
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion:	152	Resp:	203285
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.2	93.6
150	158.6	0.0	352.0

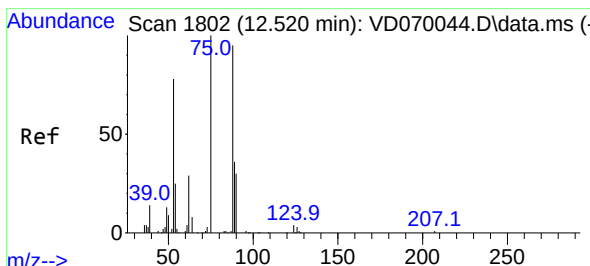
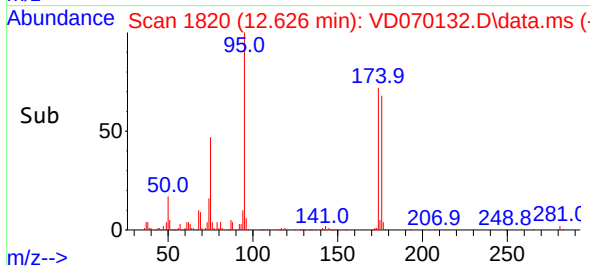
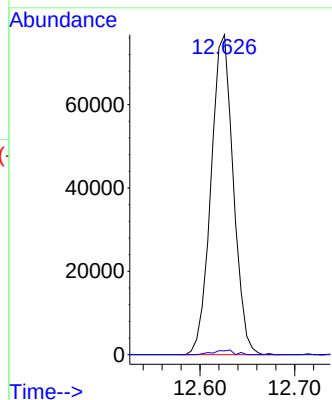
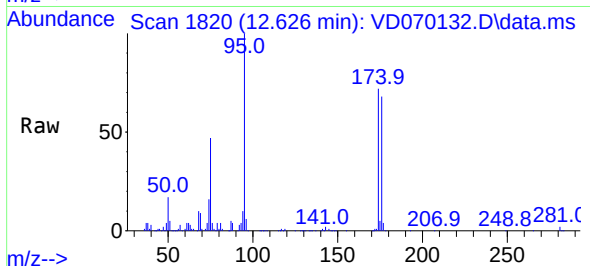




#76
1,2,3-Trichloropropane
Concen: 60.890 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0003

Tgt Ion: 75 Resp: 125531
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.049 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070132.D
Acq: 18 Aug 2021 17:19

Tgt Ion: 75 Resp: 125531
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

