

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070154.D
 Acq On : 19 Aug 2021 05:44
 Operator : VA/SY
 Sample : M3418-08
 Misc : 3.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-15-0205

Quant Time: Aug 19 07:39:52 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)

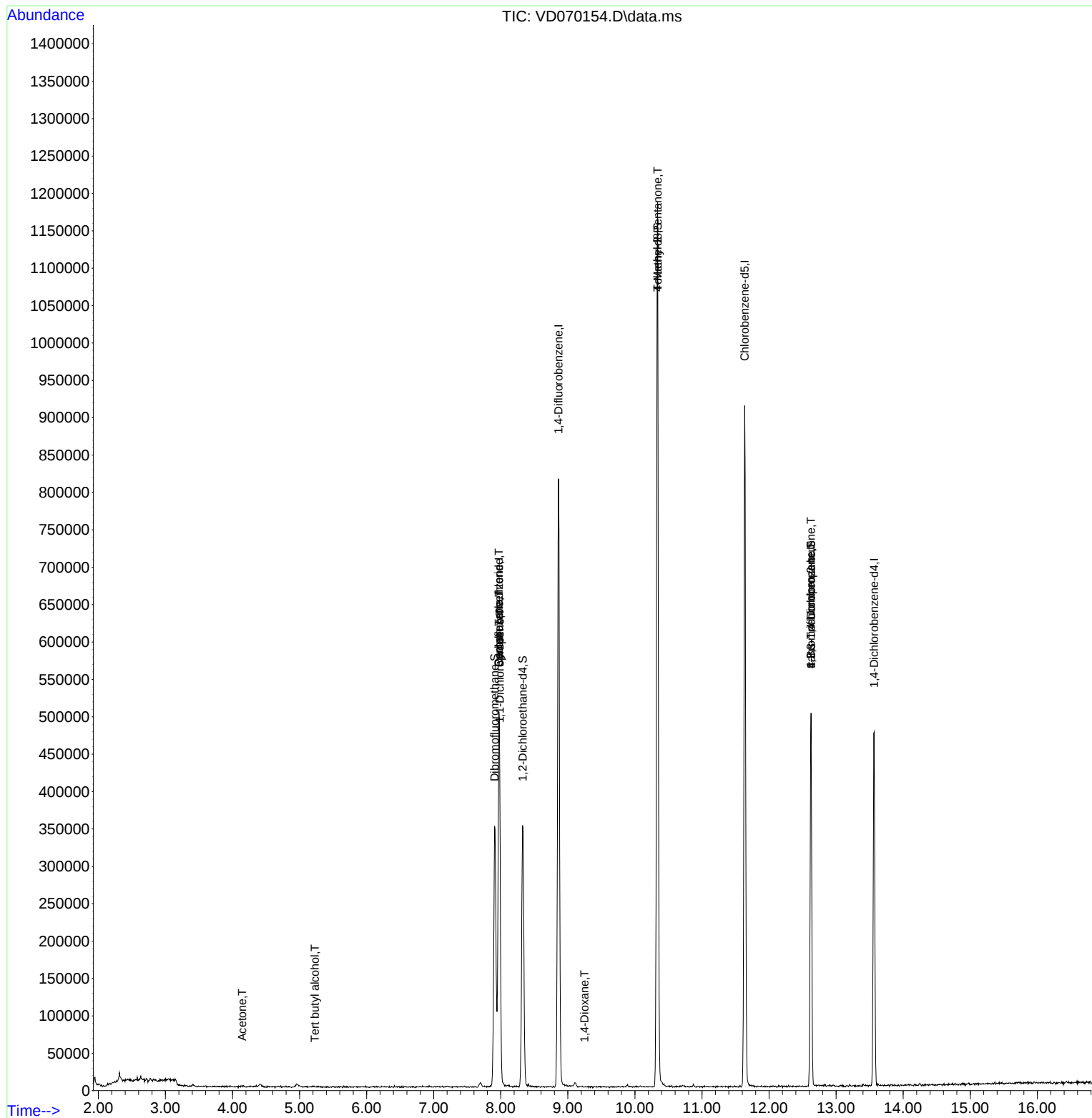
Internal Standards						
1) Pentafluorobenzene	7.973	168	365146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	686628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	130493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279078	64.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.960%	
35) Dibromofluoromethane	7.908	113	254879	57.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.920%	
50) Toluene-d8	10.338	98	825891	47.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	12.626	95	168466	29.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	60	Below Cal	#	42
3) Chloromethane	2.209	50	1015	Below Cal	#	73
5) Bromomethane	2.785	94	1435	Below Cal	#	47
11) Tert butyl alcohol	5.226	59	1068	4.499	ug/l #	71
16) Acetone	4.144	43	893	1.129	ug/l #	86
20) Methylene Chloride	4.950	84	1308	Below Cal	#	91
31) Cyclohexane	7.973	56	9114	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	32686	4.425	ug/l #	47
38) Carbon Tetrachloride	7.973	117	38908	5.802	ug/l #	12
49) 1,4-Dioxane	9.249	88	67	2.278	ug/l #	23
51) 4-Methyl-2-Pentanone	10.338	43	4006	1.538	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	80973	61.187	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	80973	158.818	ug/l #	18

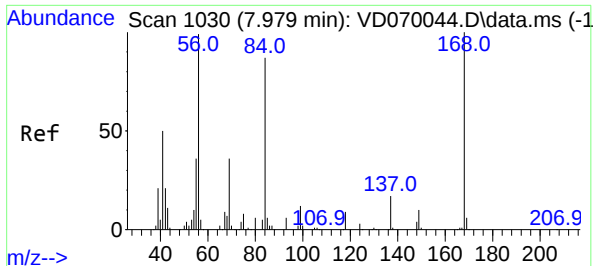
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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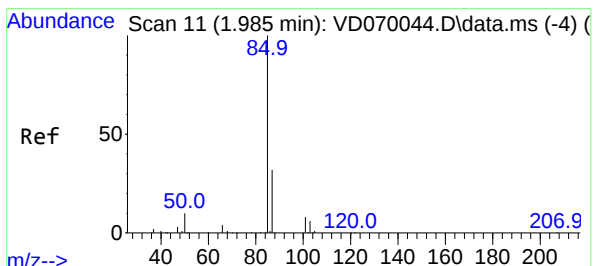
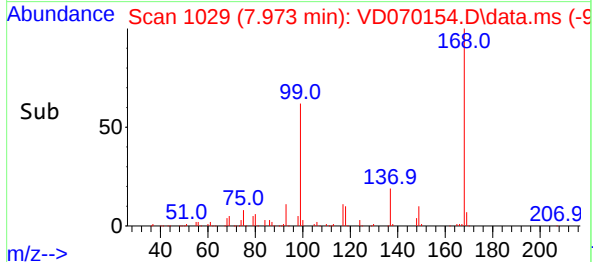
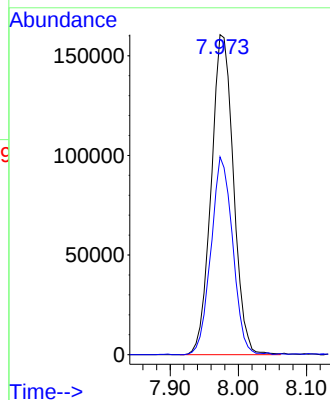
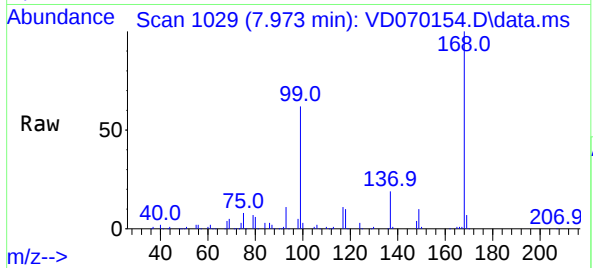




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

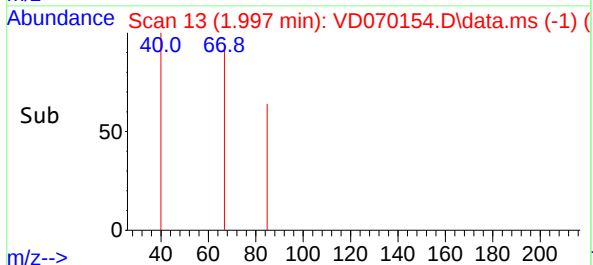
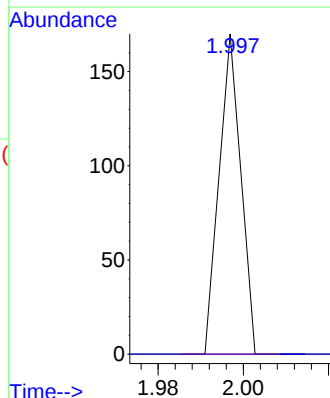
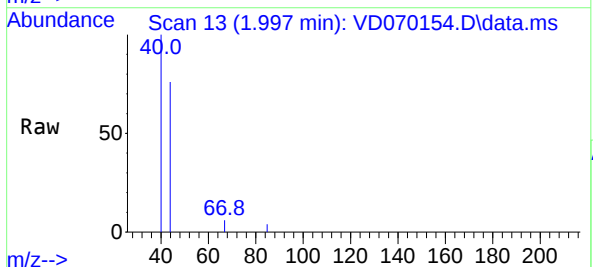
Instrument :
MSVOA_D
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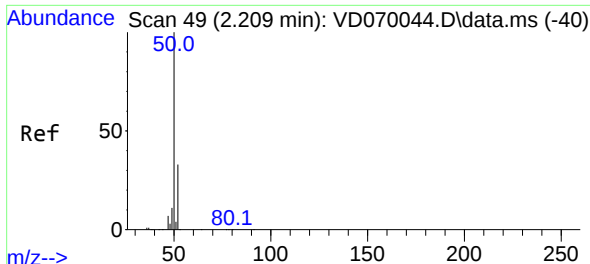
Tgt Ion:168 Resp: 365146
Ion Ratio Lower Upper
168 100
99 61.8 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

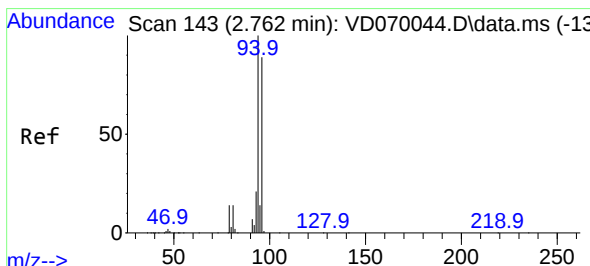
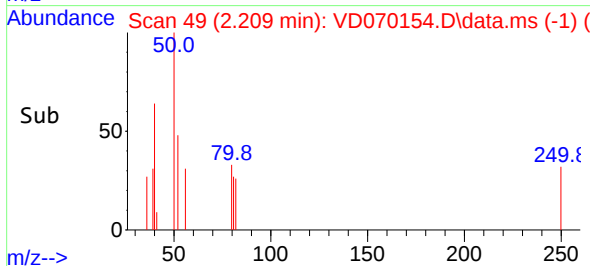
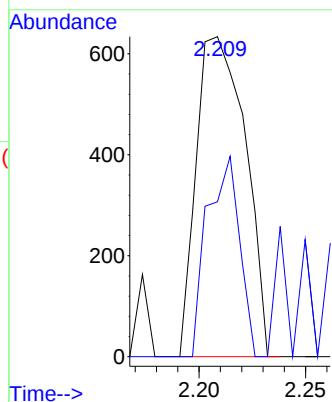
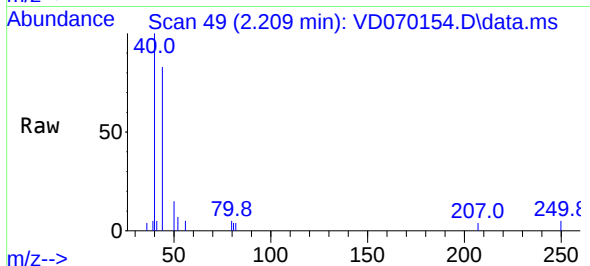




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

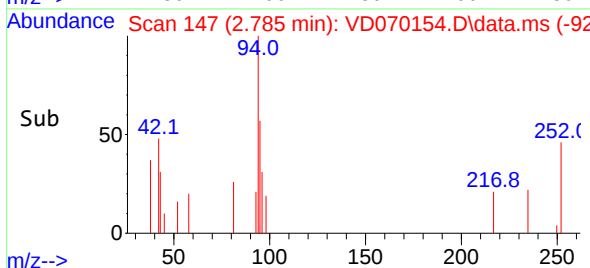
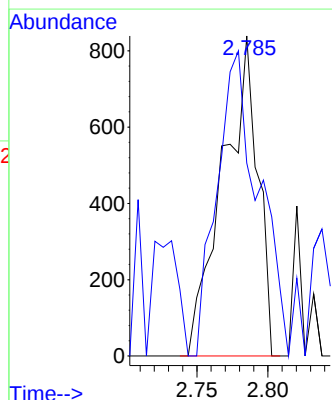
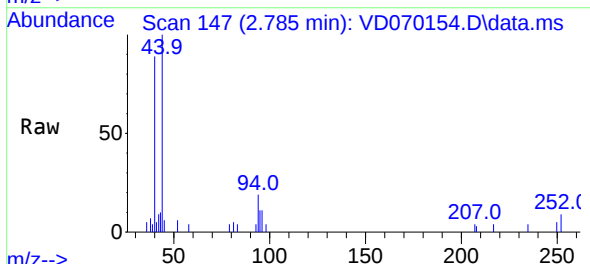
Instrument :
MSVOA_D
ClientSampleId :
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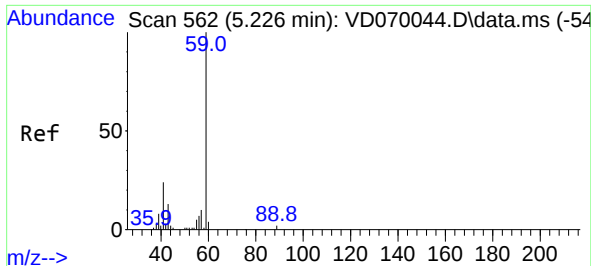
Tgt Ion: 50 Resp: 1015
Ion Ratio Lower Upper
50 100
52 48.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 94 Resp: 1435
Ion Ratio Lower Upper
94 100
96 39.6 70.9 106.3#

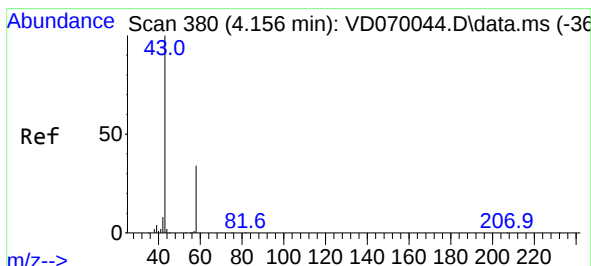
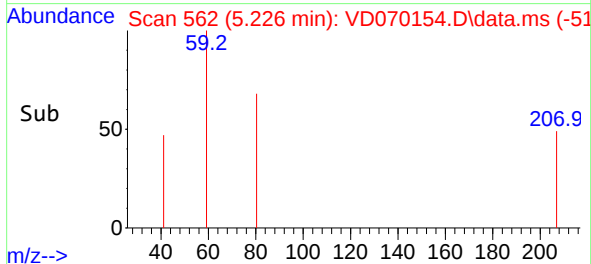
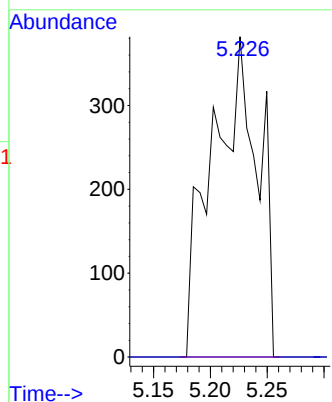
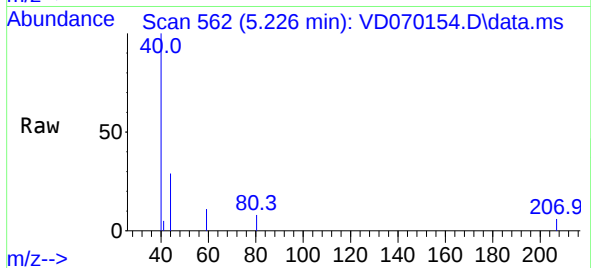




#11
Tert butyl alcohol
Concen: 4.499 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

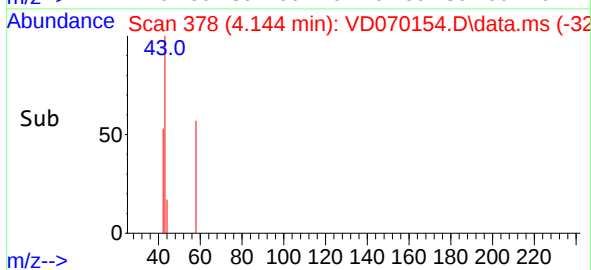
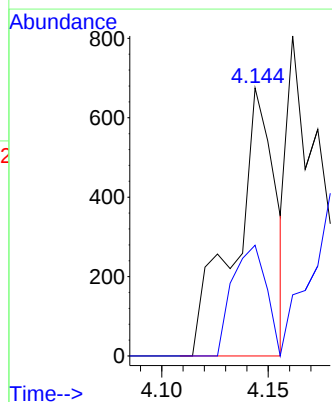
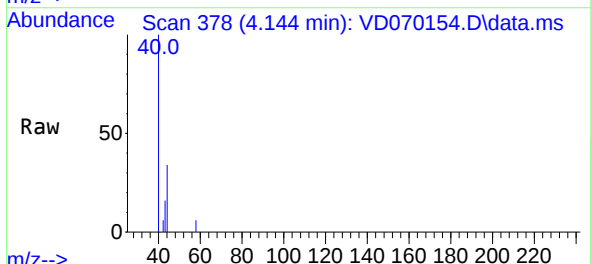
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0205

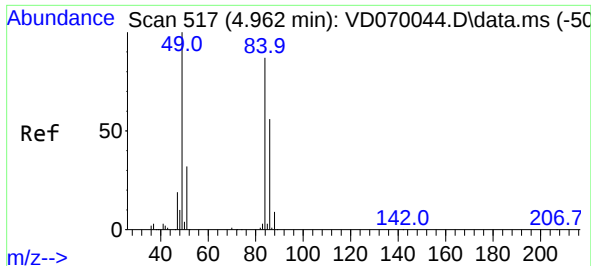
Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.129 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

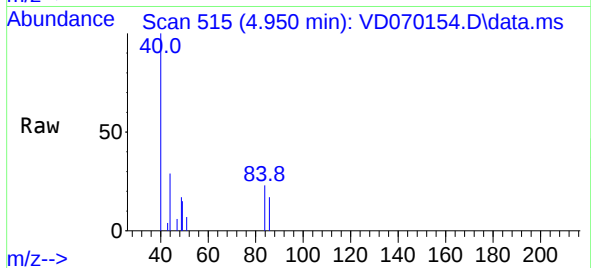
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 41.3 26.8 40.2#



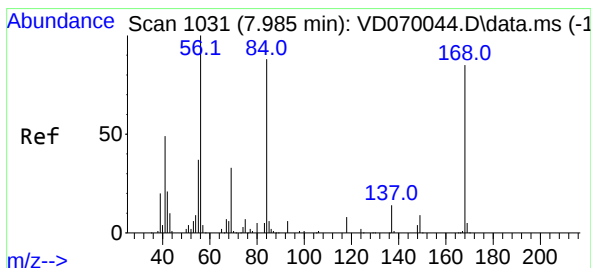
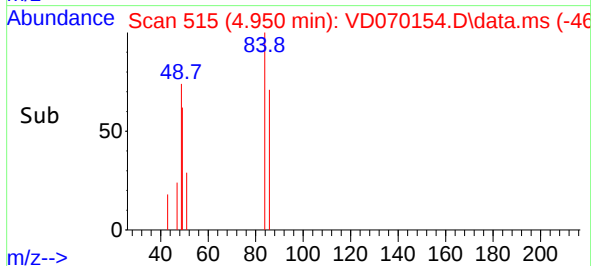
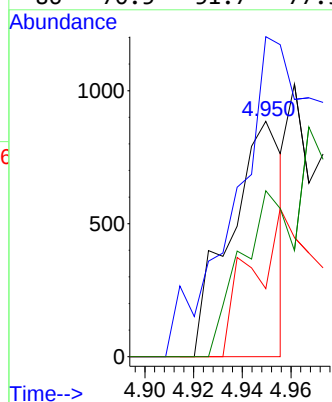


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0205

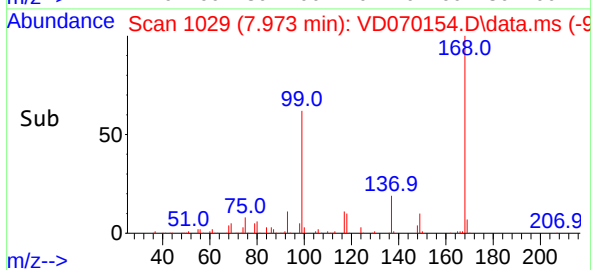
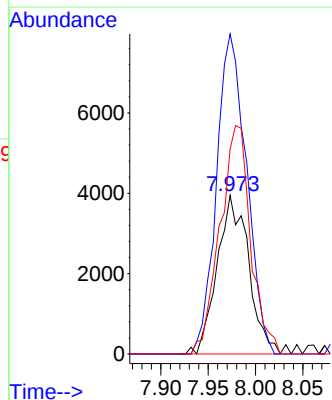
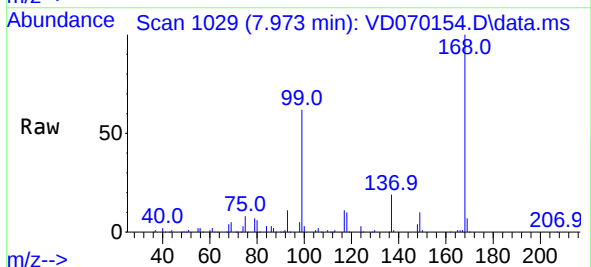


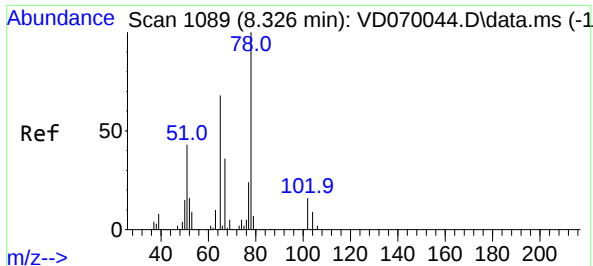
Tgt Ion: 84 Resp: 1308
Ion Ratio Lower Upper
84 100
49 105.9 92.5 138.7
51 28.9 29.7 44.5#
86 70.5 51.7 77.5



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 56 Resp: 9114
Ion Ratio Lower Upper
56 100
69 201.8 26.7 40.1#
84 129.2 70.4 105.6#

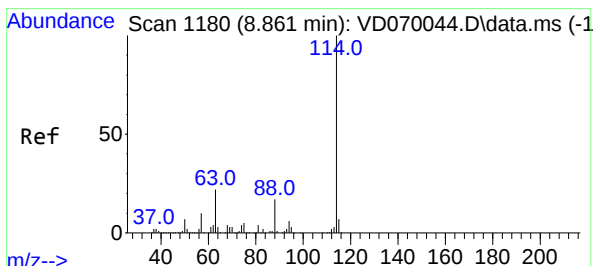
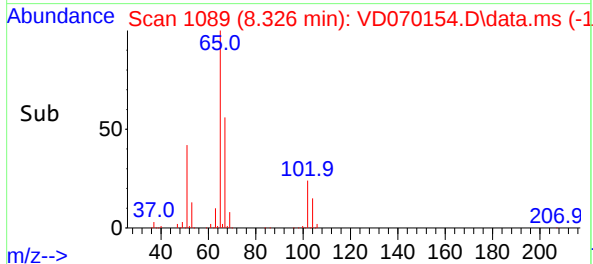
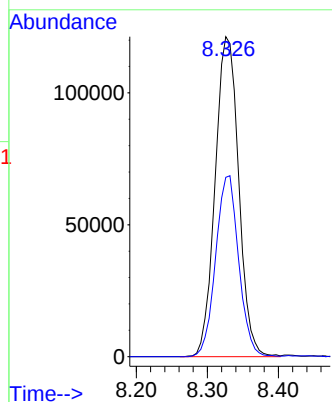
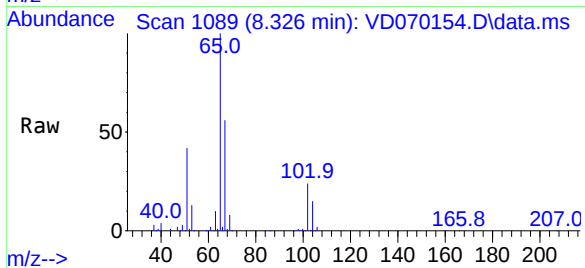




#33
1,2-Dichloroethane-d4
Concen: 64.982 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

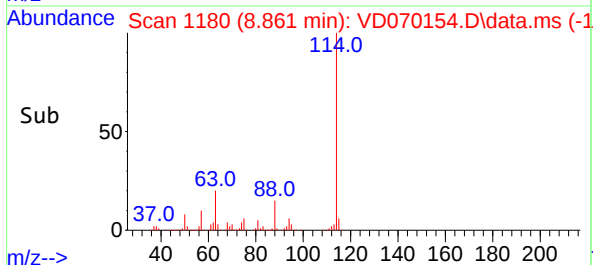
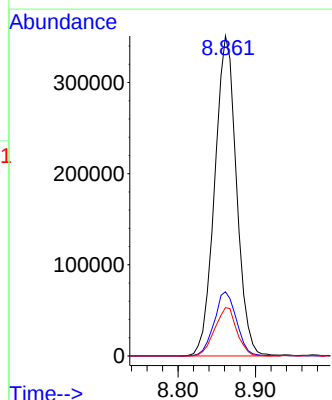
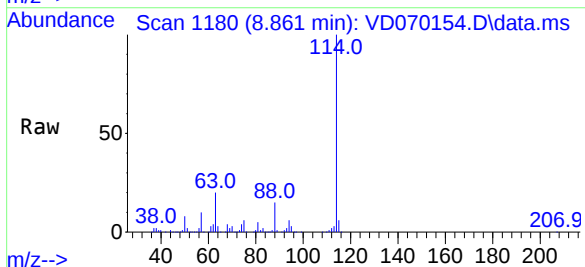
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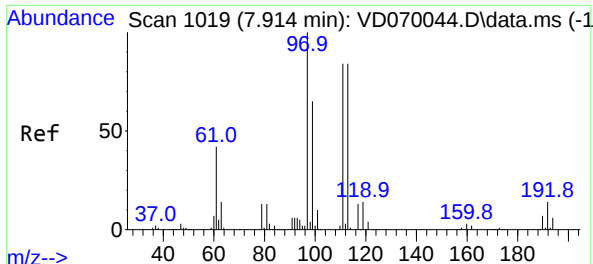
Tgt Ion: 65 Resp: 279078
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 114 Resp: 686628
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.6
88 15.1 0.0 33.4

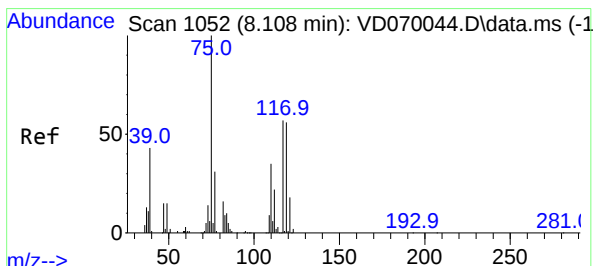
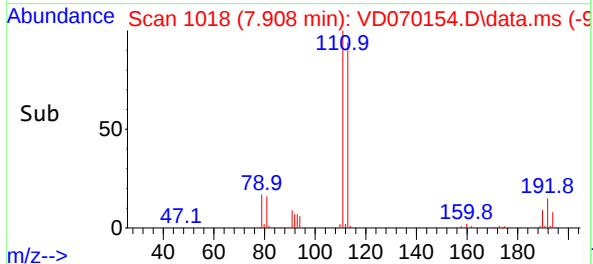
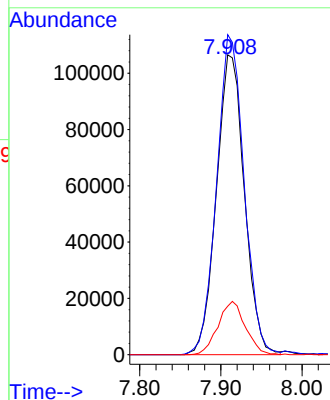
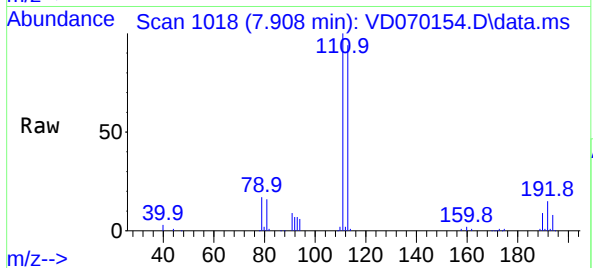




#35
Dibromofluoromethane
Concen: 57.456 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

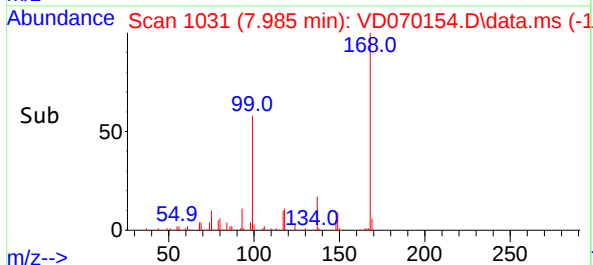
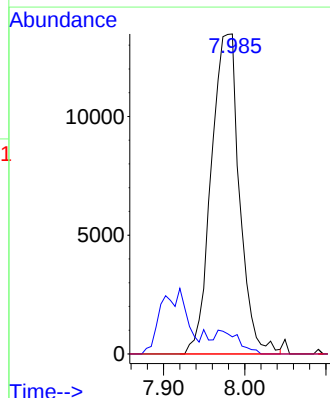
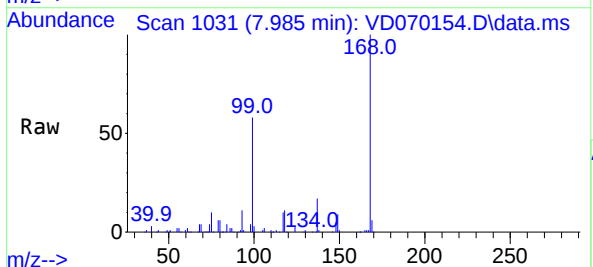
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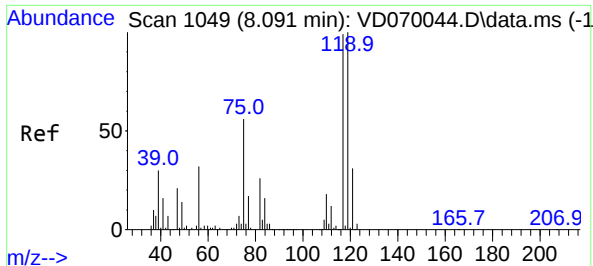
Tgt Ion:113 Resp: 254879
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 17.4 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.124 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 75 Resp: 32686
Ion Ratio Lower Upper
75 100
110 5.7 16.9 50.7#
77 0.0 25.2 37.8#

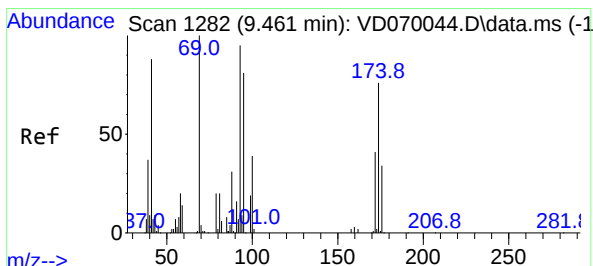
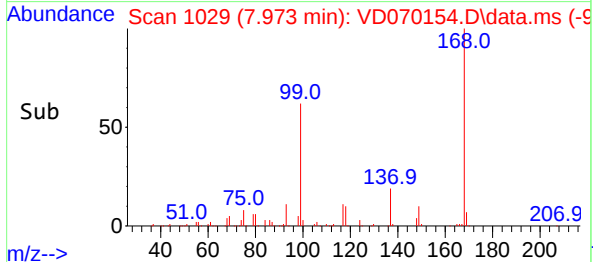
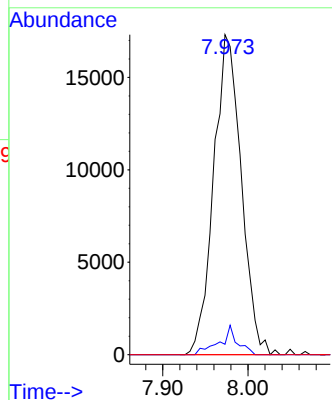
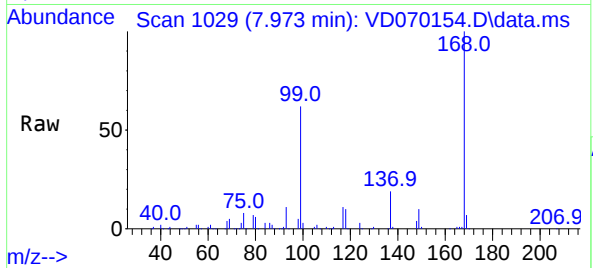




#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

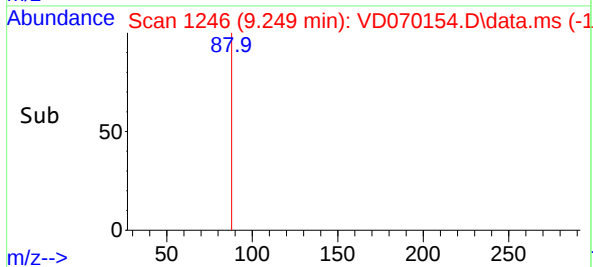
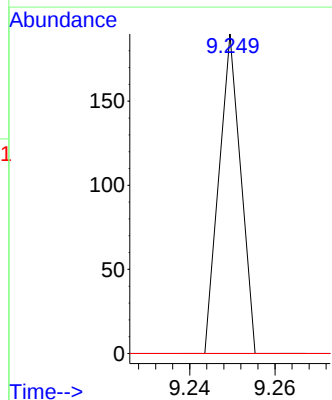
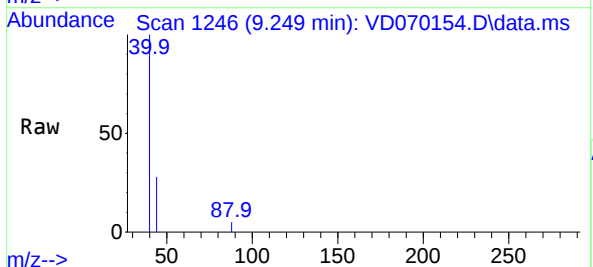
Instrument :
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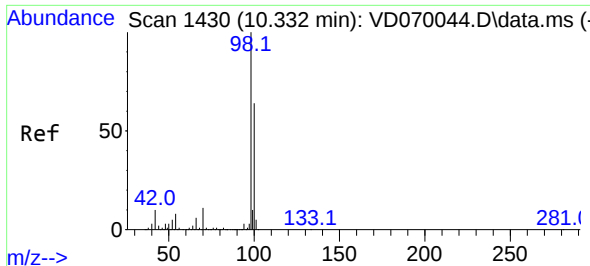
Tgt Ion:117 Resp: 38908
Ion Ratio Lower Upper
117 100
119 3.3 81.0 121.6#
121 0.0 25.0 37.6#



#49
1,4-Dioxane
Concen: 2.278 ug/l
RT: 9.249 min Scan# 1246
Delta R.T. -0.212 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 57.4 86.2#

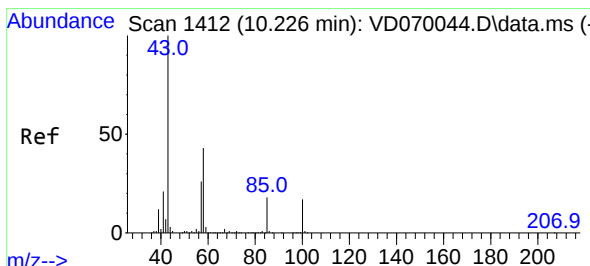
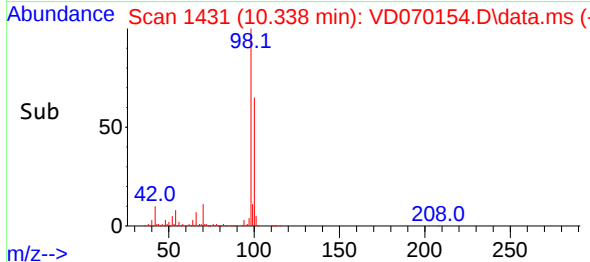
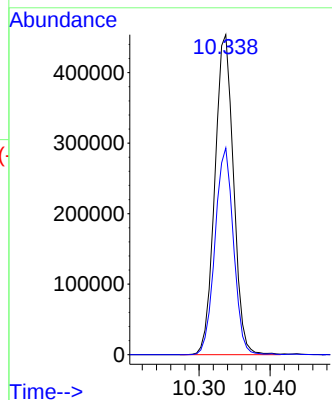
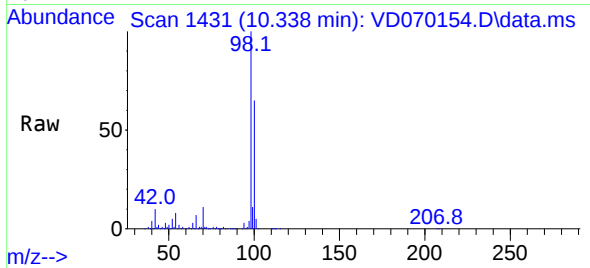




#50
Toluene-d8
Concen: 47.867 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

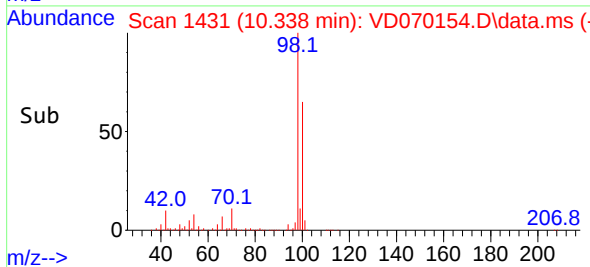
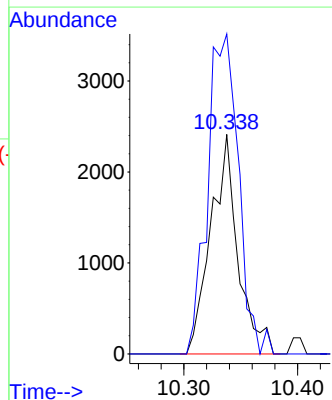
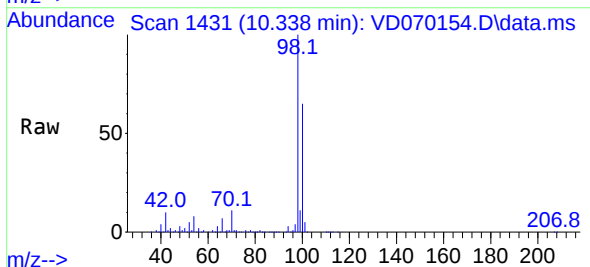
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0205

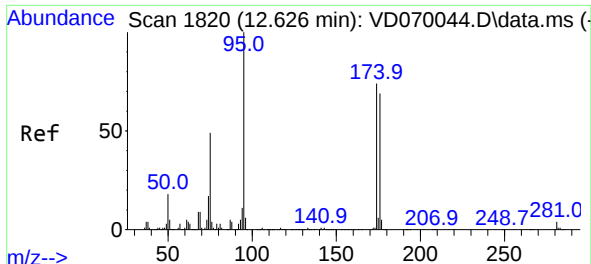
Tgt Ion: 98 Resp: 825891
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.538 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 43 Resp: 4006
Ion Ratio Lower Upper
43 100
58 165.8 33.9 50.9#

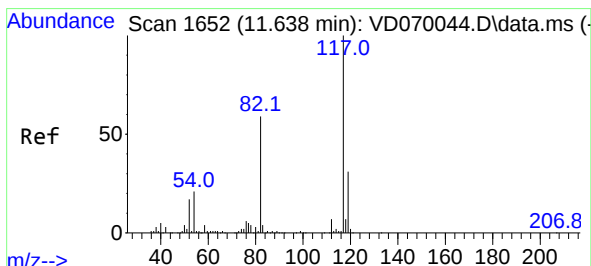
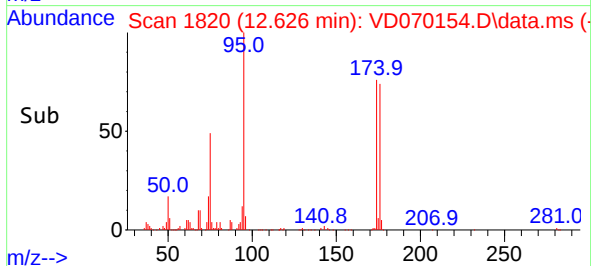
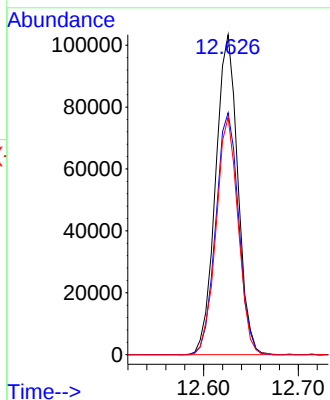
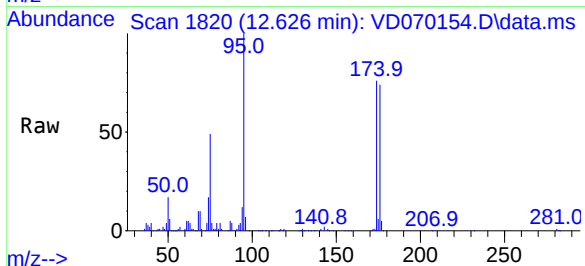




#62
4-Bromofluorobenzene
Concen: 29.644 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

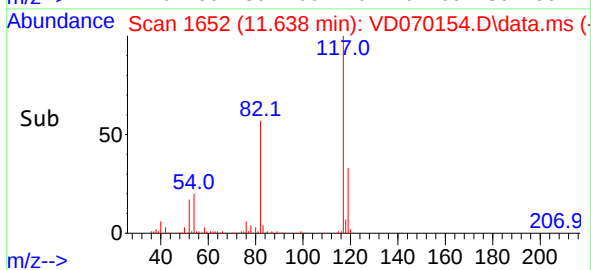
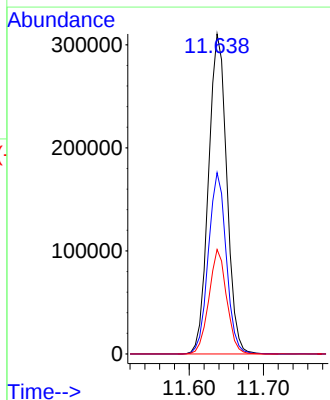
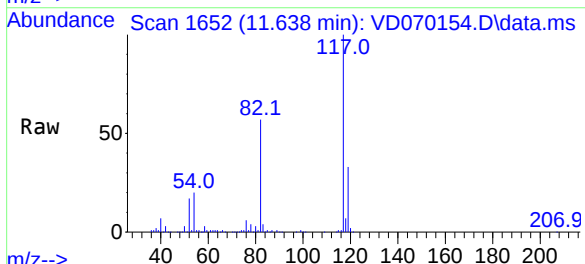
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0205

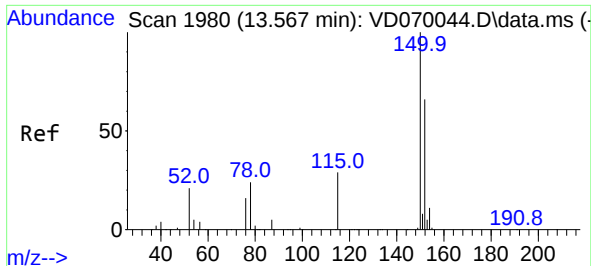
Tgt Ion: 95 Resp: 168466
Ion Ratio Lower Upper
95 100
174 77.7 0.0 141.6
176 73.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

Tgt Ion: 117 Resp: 532191
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.6 25.1 37.7

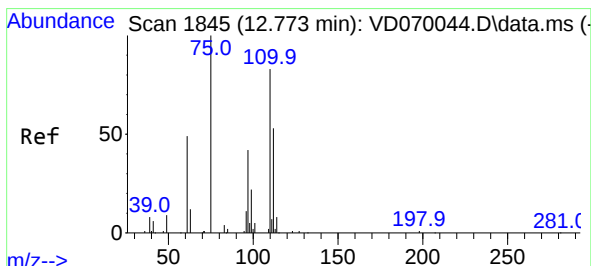
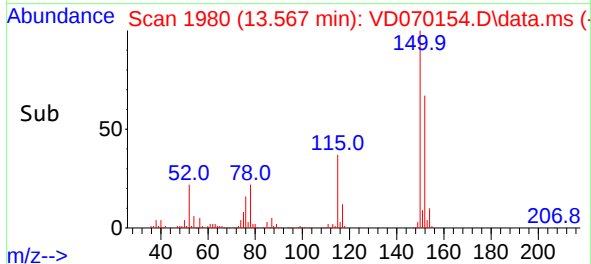
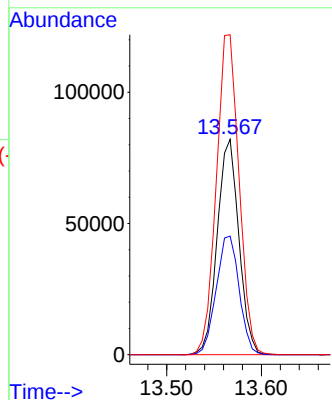
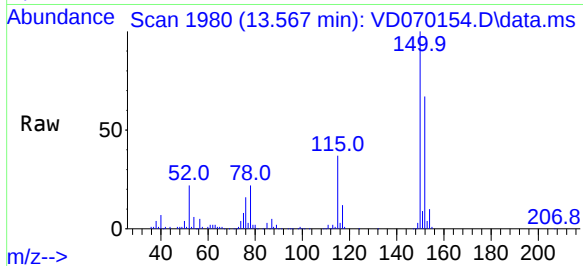




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

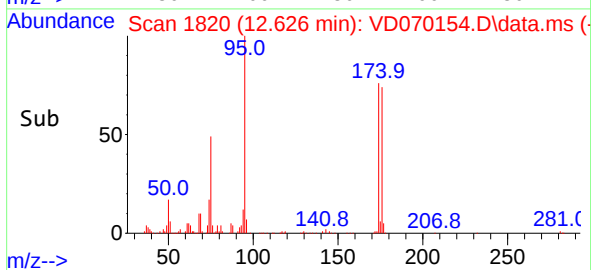
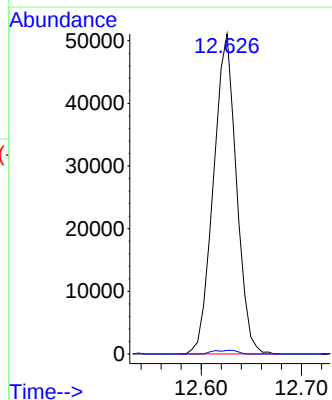
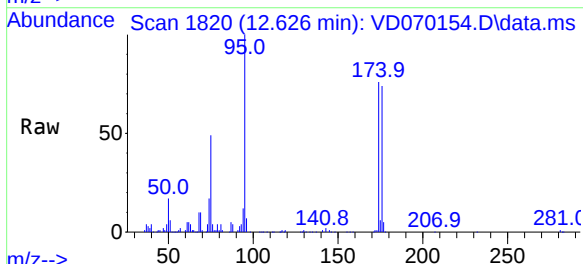
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0205

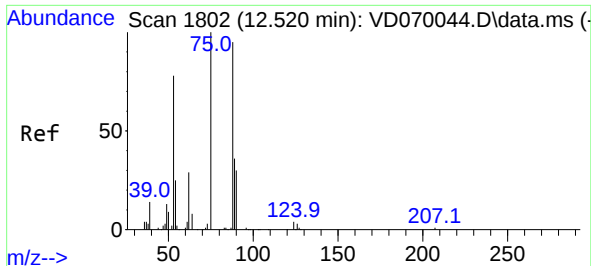
Tgt Ion:152 Resp: 130493
Ion Ratio Lower Upper
152 100
115 58.5 31.2 93.6
150 155.7 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 61.187 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070154.D
Acq: 19 Aug 2021 05:44

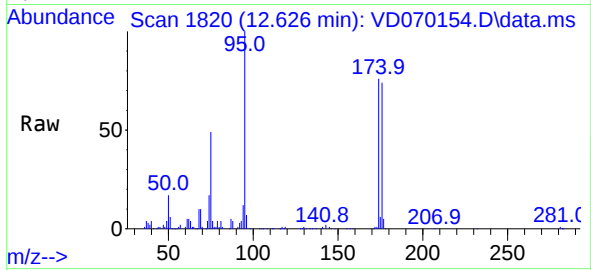
Tgt Ion: 75 Resp: 80973
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.818 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070154.D
 Acq: 19 Aug 2021 05:44

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-15-0205



Tgt Ion: 75 Resp: 80973
 Ion Ratio Lower Upper
 75 100
 53 0.4 64.5 96.7#
 89 0.0 33.7 50.5#

