

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070147.D
 Acq On : 19 Aug 2021 02:23
 Operator : VA/SY
 Sample : M3418-01
 Misc : 3.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0510

Quant Time: Aug 19 07:37:50 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

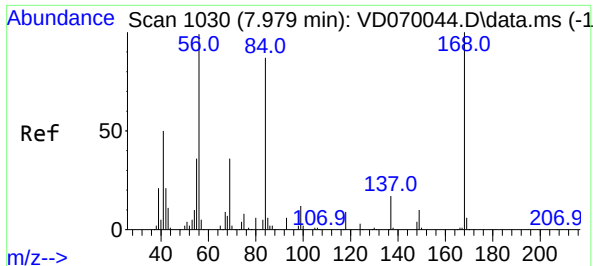
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	540596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1050584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	989929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	377317	59.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.908	113	355231	52.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.337	98	1336920	50.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.625	95	403852	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1518	Below Cal		94
3) Chloromethane	2.208	50	1994	Below Cal		92
5) Bromomethane	2.779	94	3230	Below Cal		82
11) Tert butyl alcohol	5.214	59	405	1.152 ug/l	#	71
16) Acetone	4.155	43	111408	95.115 ug/l		95
20) Methylene Chloride	4.955	84	4781	Below Cal	#	89
25) 2-Butanone	7.208	43	39359	24.592 ug/l	#	85
31) Cyclohexane	7.979	56	13958	1.109 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	49857	4.411 ug/l	#	49
37) Ethyl Acetate	7.208	43	39359	9.588 ug/l	#	79
38) Carbon Tetrachloride	7.973	117	58495	5.701 ug/l	#	15
52) Toluene	10.396	92	35643	1.786 ug/l		96
76) 1,2,3-Trichloropropane	12.625	75	199520	50.797 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.625	75	199520	131.850 ug/l	#	18

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

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

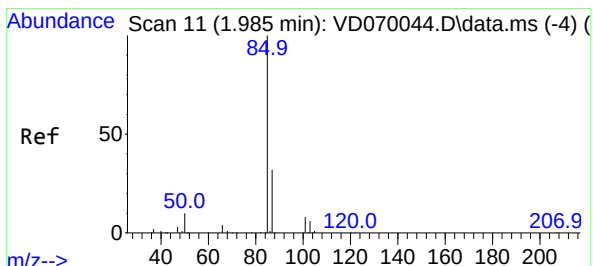
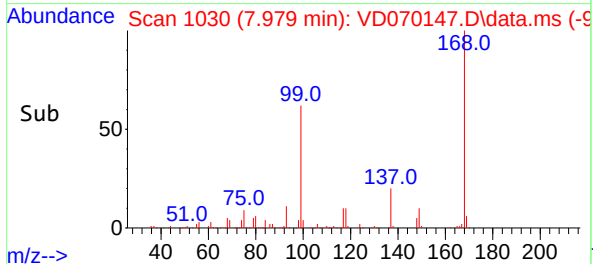
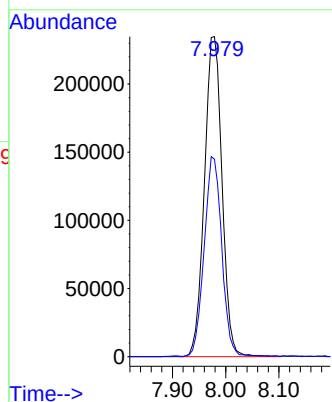
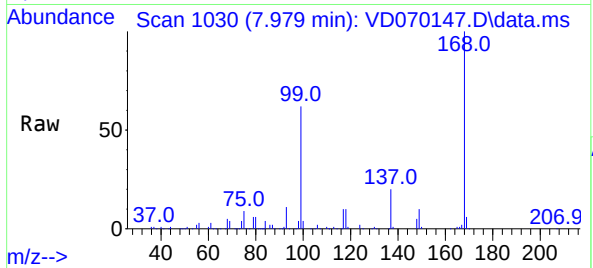




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

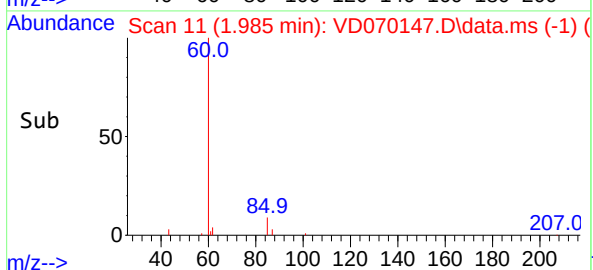
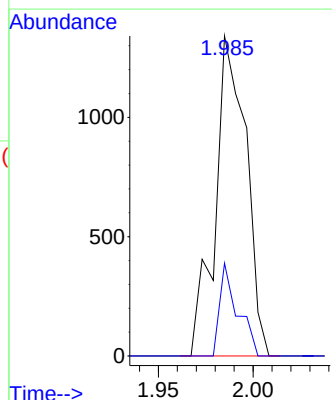
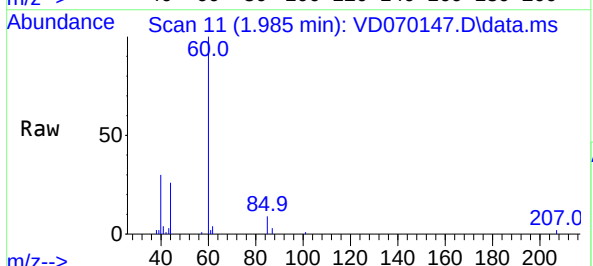
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

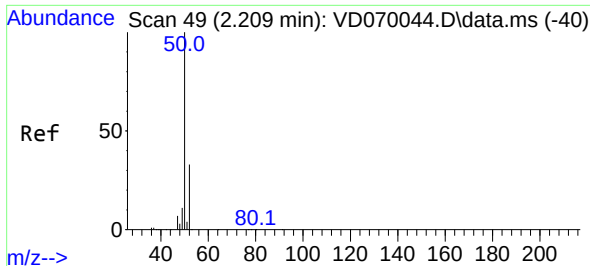
Tgt Ion:168 Resp: 540596
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 85 Resp: 1518
Ion Ratio Lower Upper
85 100
87 29.0 16.2 48.6

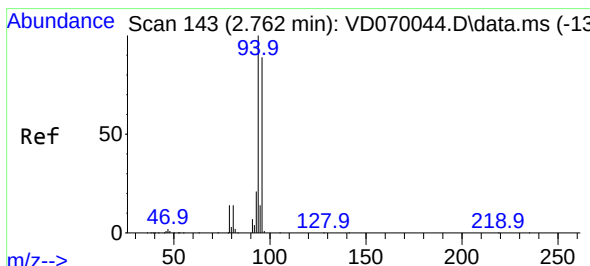
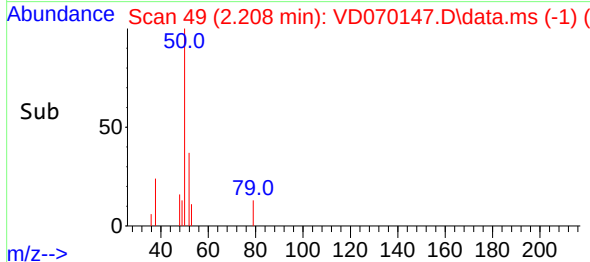
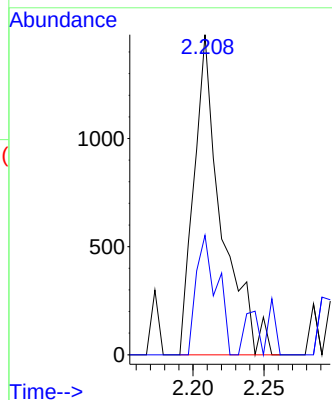
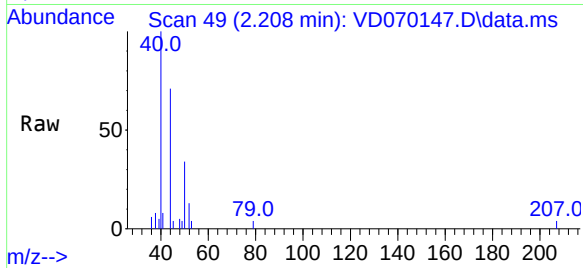




#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

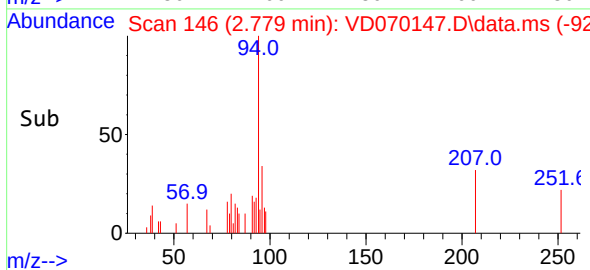
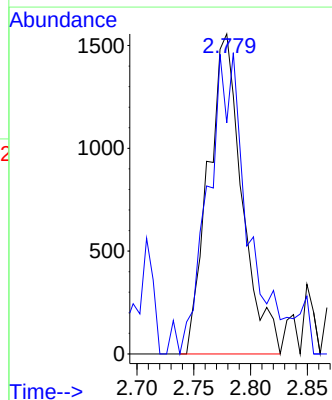
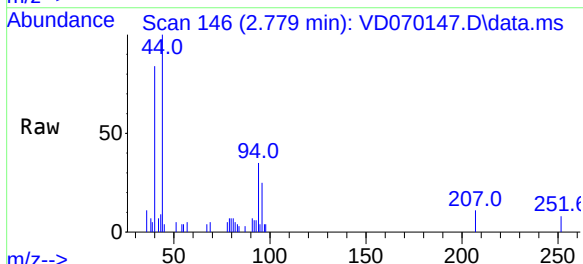
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

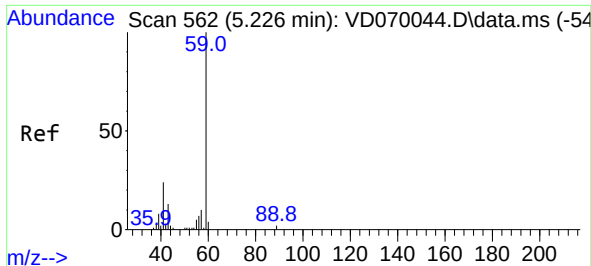
Tgt Ion: 50 Resp: 1994
Ion Ratio Lower Upper
50 100
52 37.3 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 94 Resp: 3230
Ion Ratio Lower Upper
94 100
96 72.2 70.9 106.3



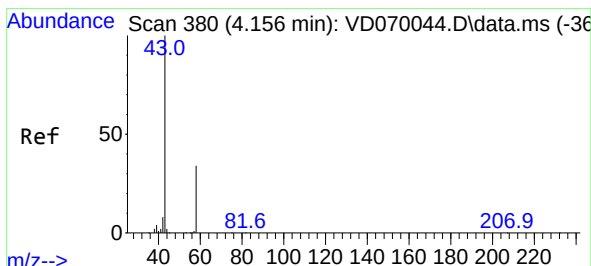
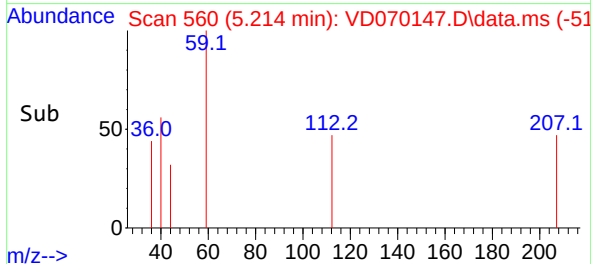
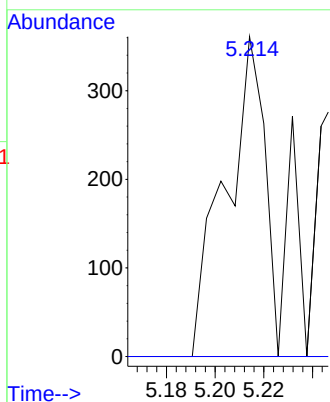
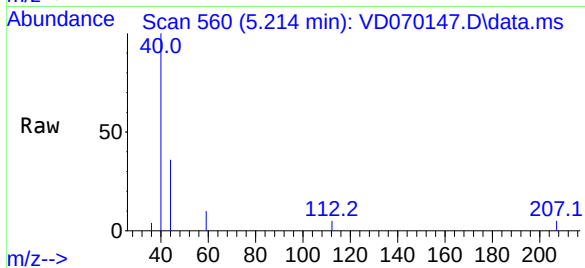


#11

Tert butyl alcohol
Concen: 1.152 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

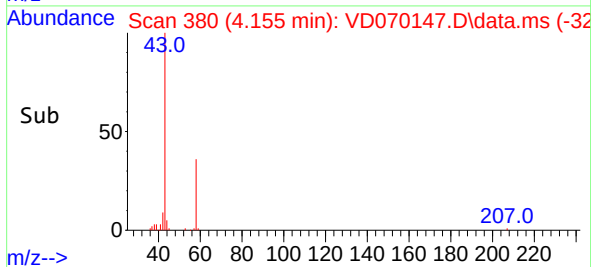
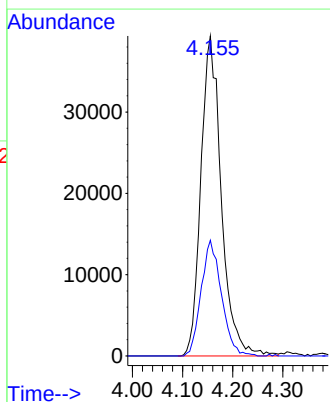
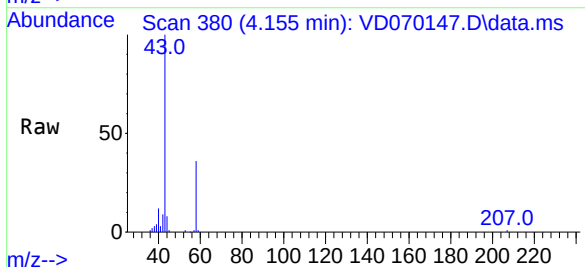
Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

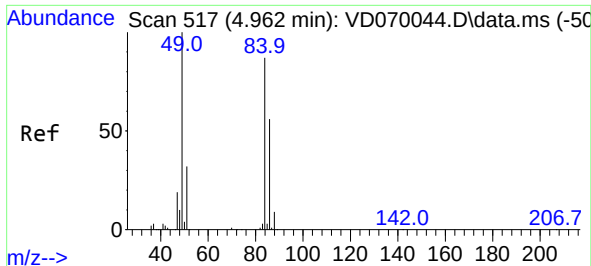


#16

Acetone
Concen: 95.115 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

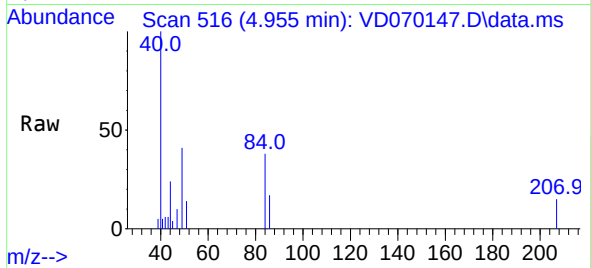
Tgt Ion: 43 Resp: 111408
Ion Ratio Lower Upper
43 100
58 36.1 26.8 40.2



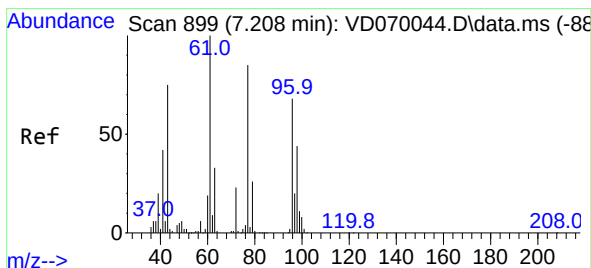
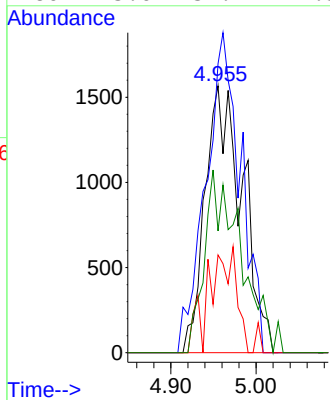
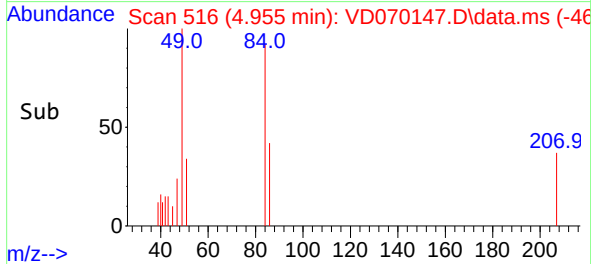


#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

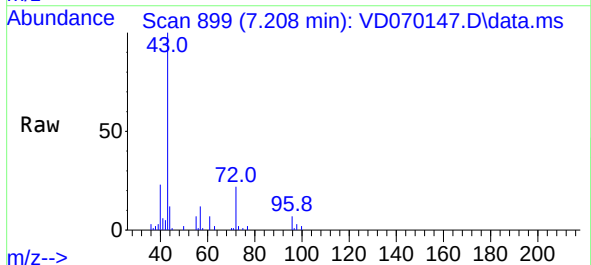
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510



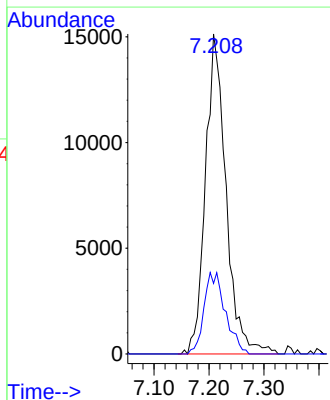
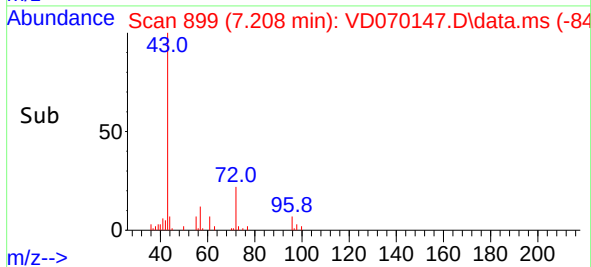
Tgt Ion: 84 Resp: 4781
Ion Ratio Lower Upper
84 100
49 108.3 92.5 138.7
51 36.6 29.7 44.5
86 45.6 51.7 77.5#

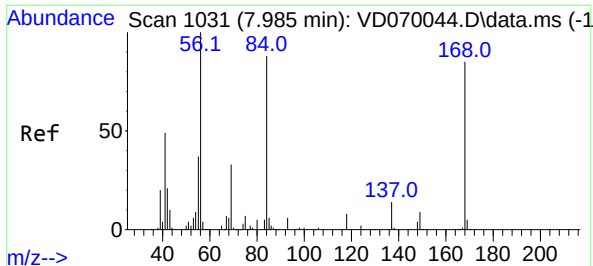


#25
2-Butanone
Concen: 24.592 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23



Tgt Ion: 43 Resp: 39359
Ion Ratio Lower Upper
43 100
72 22.1 24.2 36.4#





#31

Cyclohexane

Concen: 1.109 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070147.D

Acq: 19 Aug 2021 02:23

Instrument :

MSVOA_D

ClientSampleId :

SWCS-13-0510

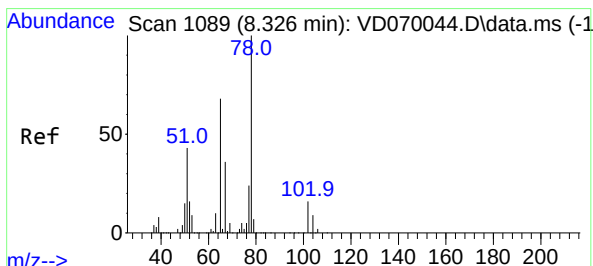
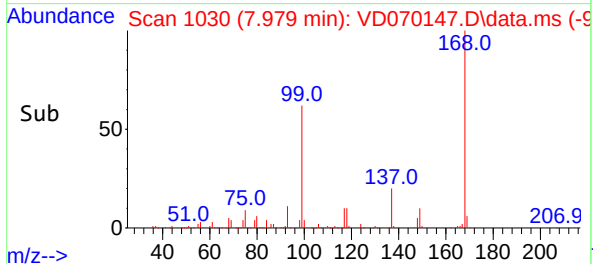
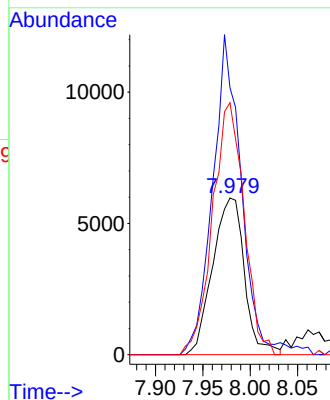
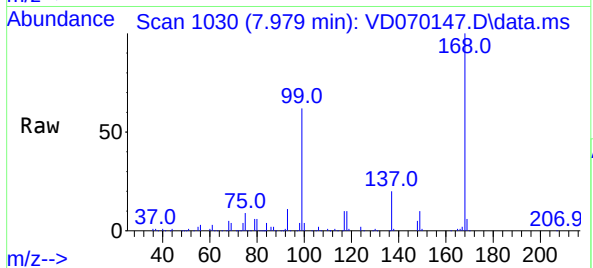
Tgt Ion: 56 Resp: 13958

Ion Ratio Lower Upper

56 100

69 170.5 26.7 40.1#

84 160.9 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 59.343 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070147.D

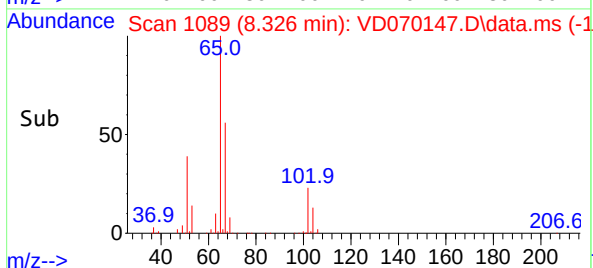
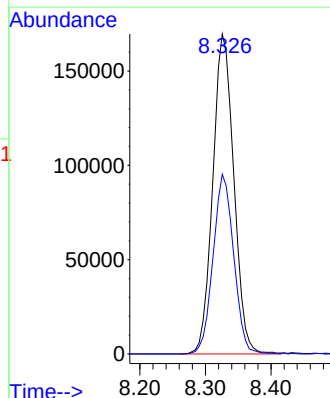
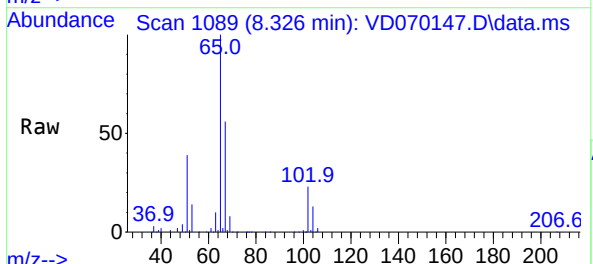
Acq: 19 Aug 2021 02:23

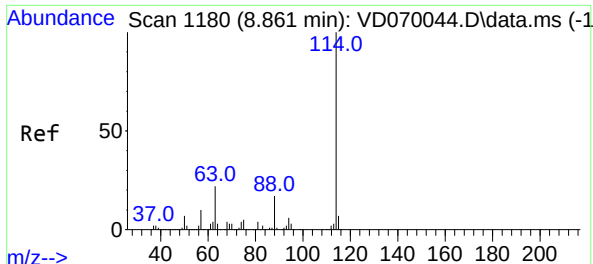
Tgt Ion: 65 Resp: 377317

Ion Ratio Lower Upper

65 100

67 55.1 0.0 107.8

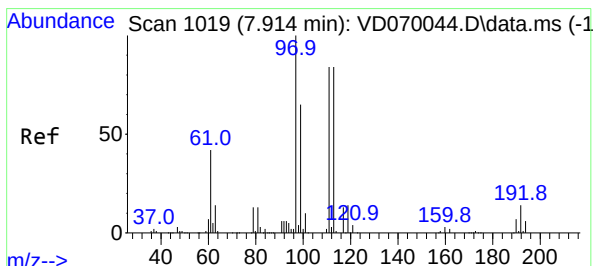
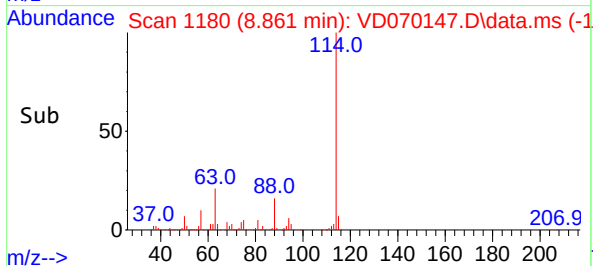
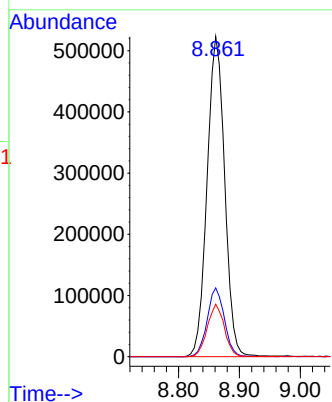
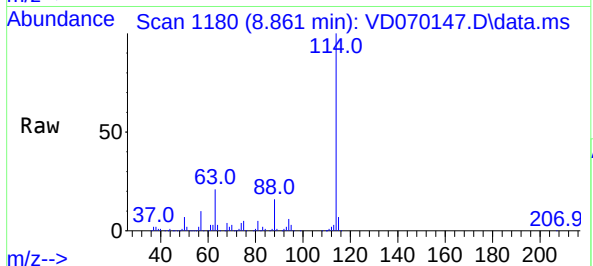




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

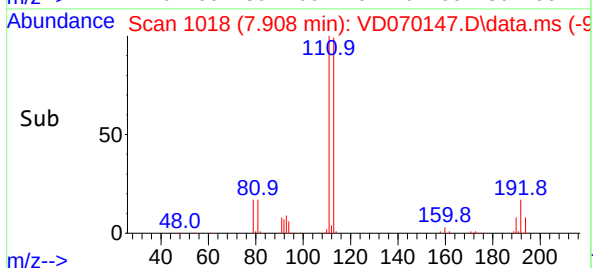
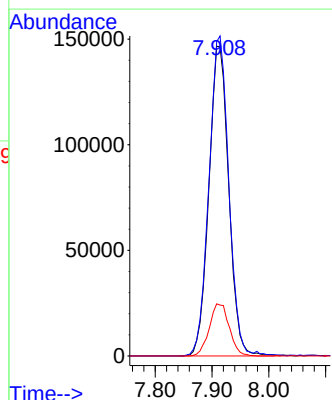
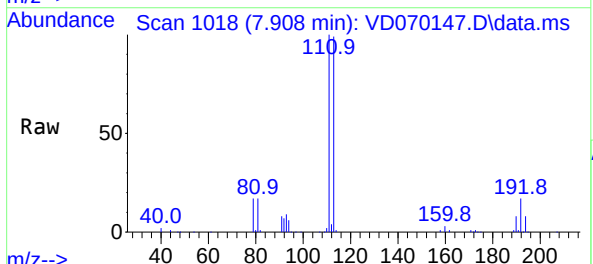
Instrument :
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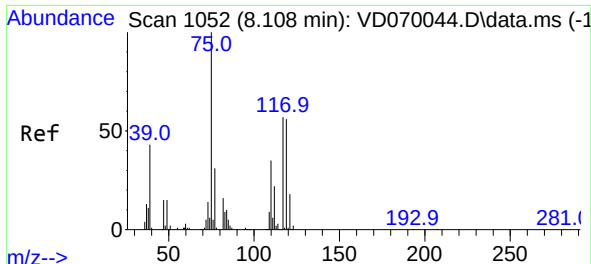
Tgt Ion:114 Resp: 1050584
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.336 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion:113 Resp: 355231
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.9 13.2 19.8

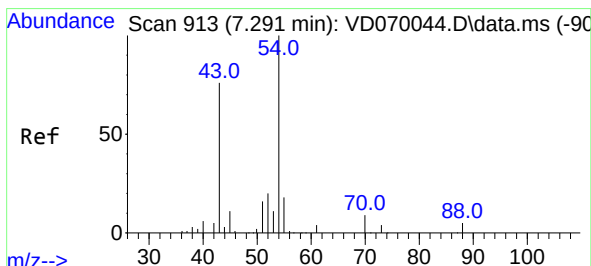
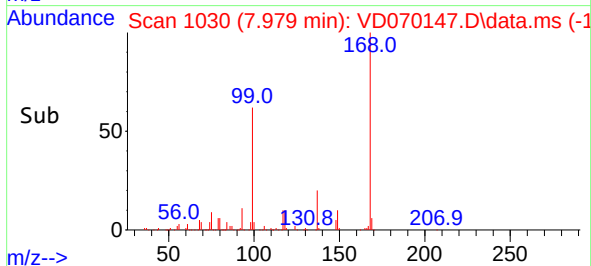
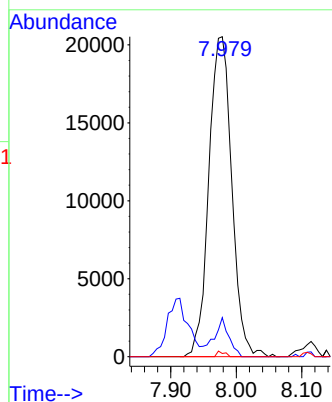
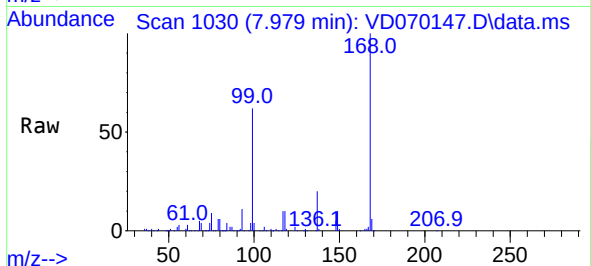




#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

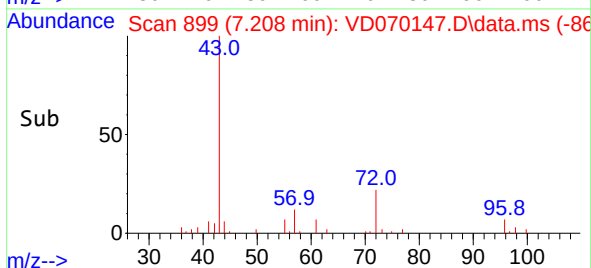
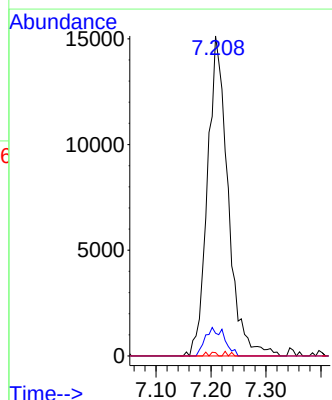
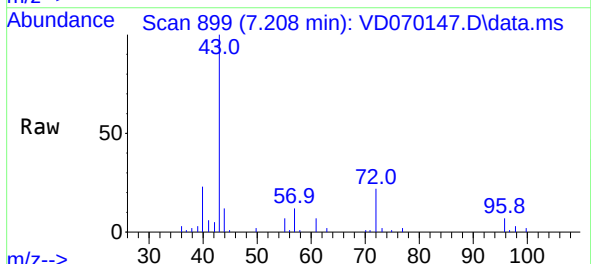
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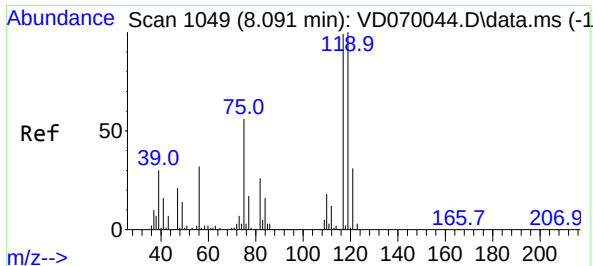
Tgt Ion: 75 Resp: 49857
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.7#
77 0.6 25.2 37.8#



#37
Ethyl Acetate
Concen: 9.588 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.083 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

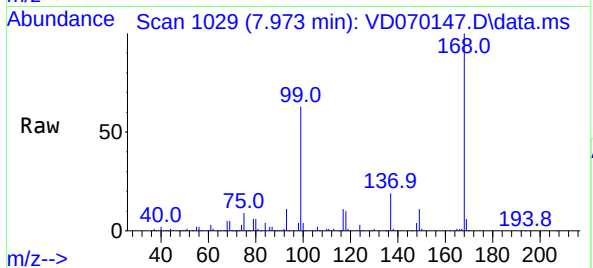
Tgt Ion: 43 Resp: 39359
Ion Ratio Lower Upper
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61 8.3 11.8 17.6#
70 0.3 9.0 13.6#



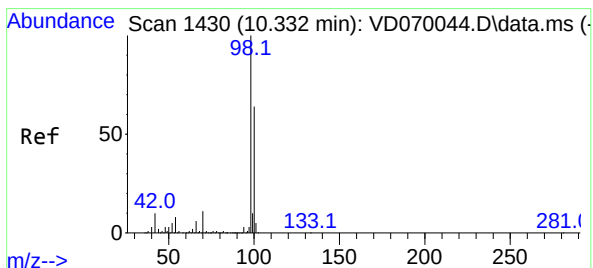
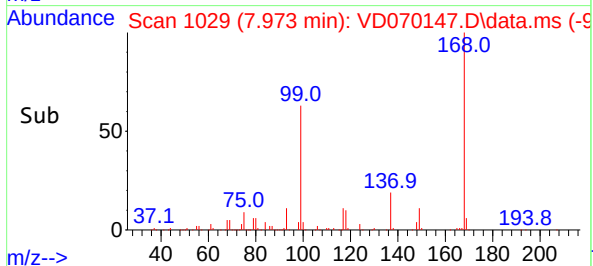
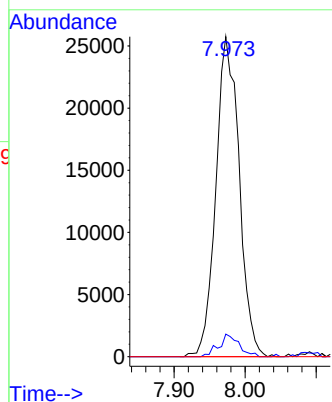


#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

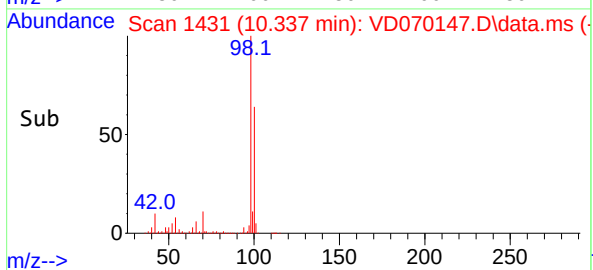
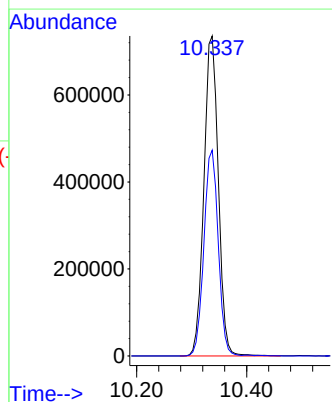
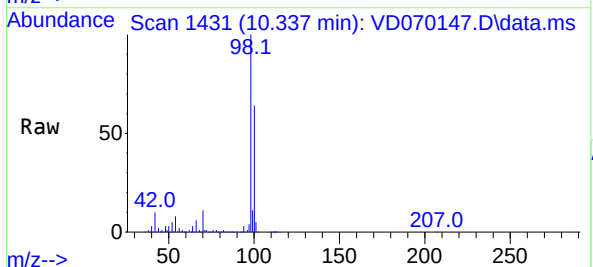


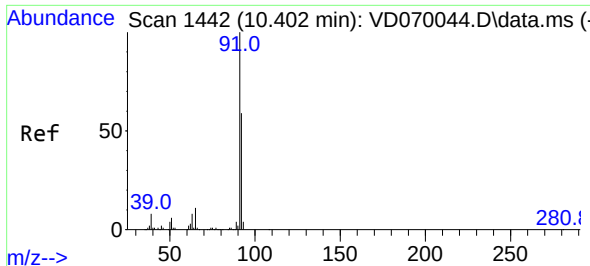
Tgt Ion:117 Resp: 58495
Ion Ratio Lower Upper
117 100
119 7.0 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 98 Resp: 1336920
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

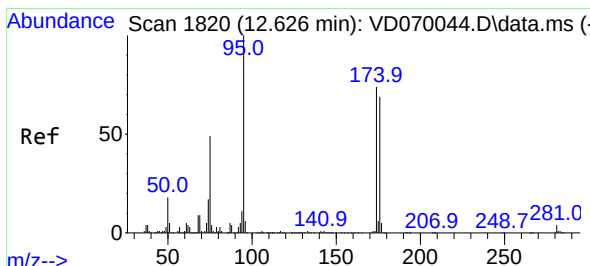
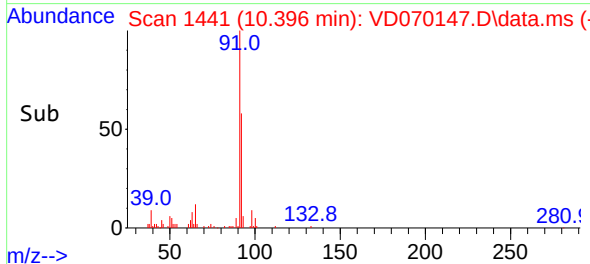
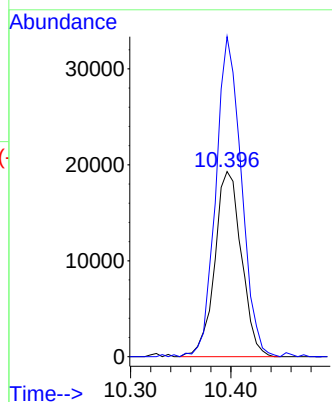
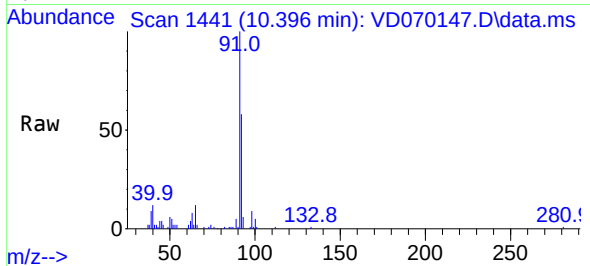




#52
Toluene
Concen: 1.786 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

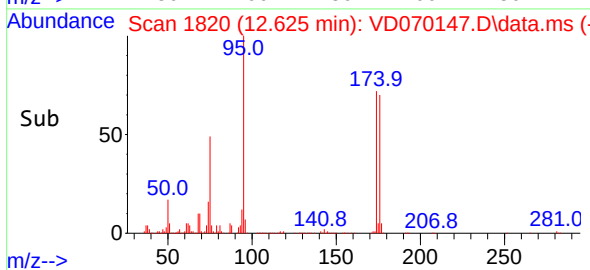
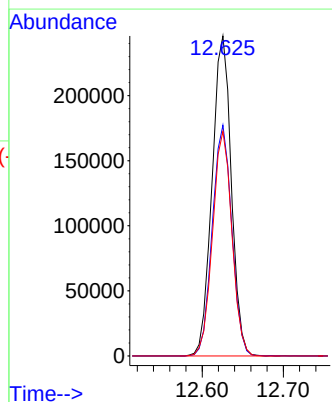
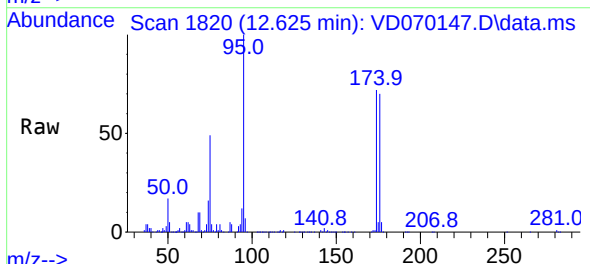
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

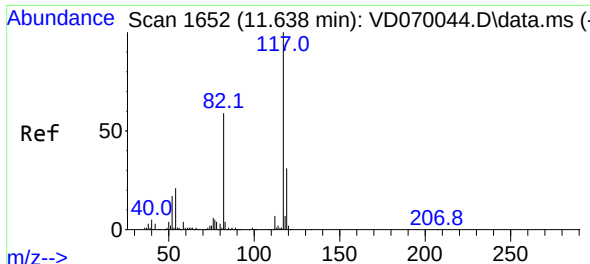
Tgt Ion: 92 Resp: 35643
Ion Ratio Lower Upper
92 100
91 166.1 137.2 205.8



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 95 Resp: 403852
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.5 0.0 138.2

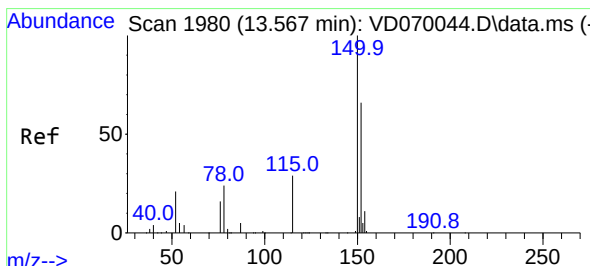
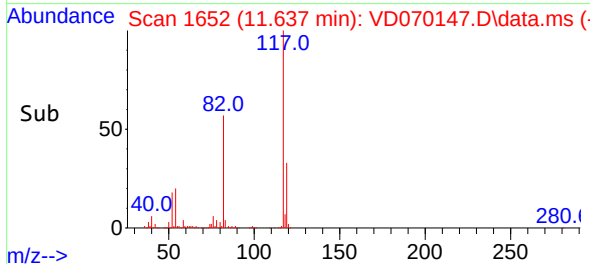
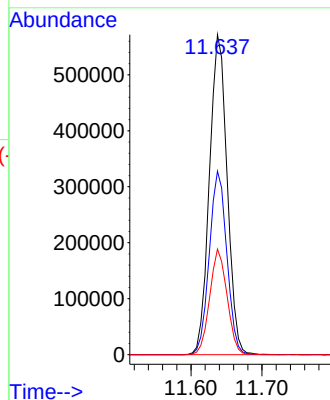
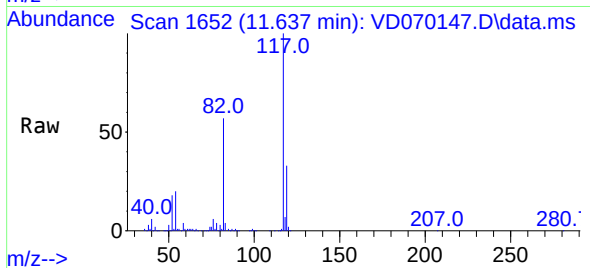




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

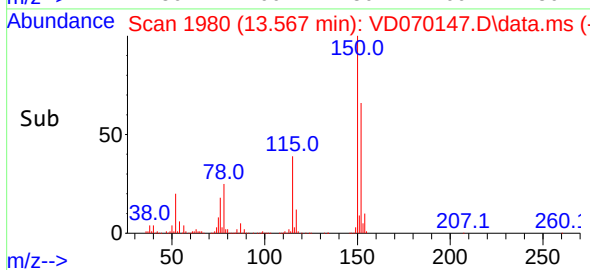
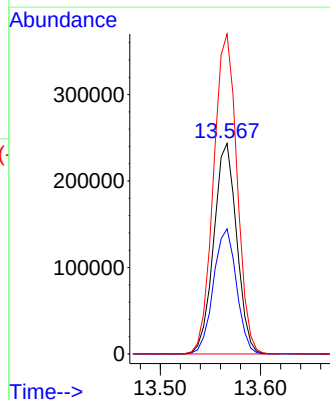
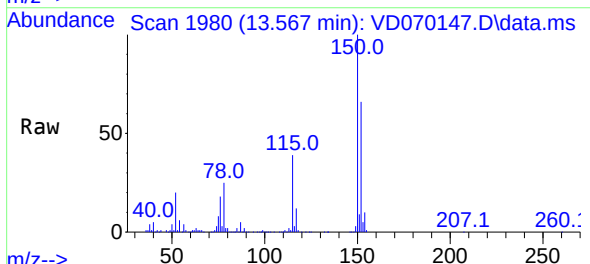
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

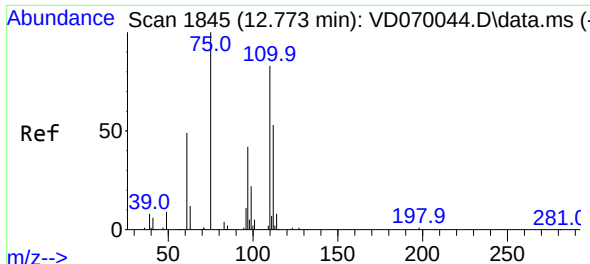
Tgt Ion:	117	Resp:	989929
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.5	71.3
119	33.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion:	152	Resp:	387304
Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.2	93.6
150	155.4	0.0	352.0

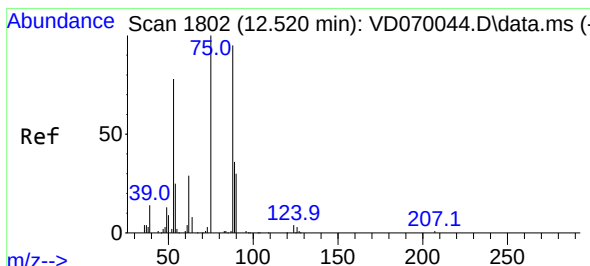
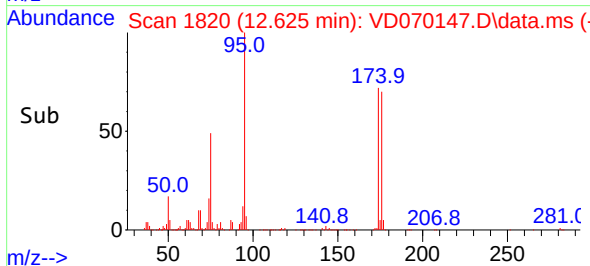
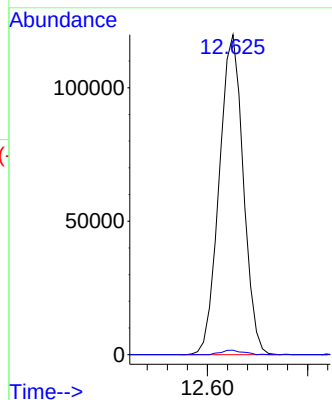
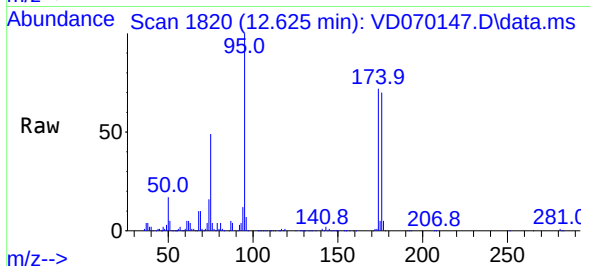




#76
1,2,3-Trichloropropane
Concen: 50.797 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0510

Tgt Ion: 75 Resp: 199520
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.850 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD070147.D
Acq: 19 Aug 2021 02:23

Tgt Ion: 75 Resp: 199520
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

