

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070084.D
 Acq On : 17 Aug 2021 13:16
 Operator : VA/SY
 Sample : M3368-21RE
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-04-0205

Quant Time: Aug 18 03:06:27 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)

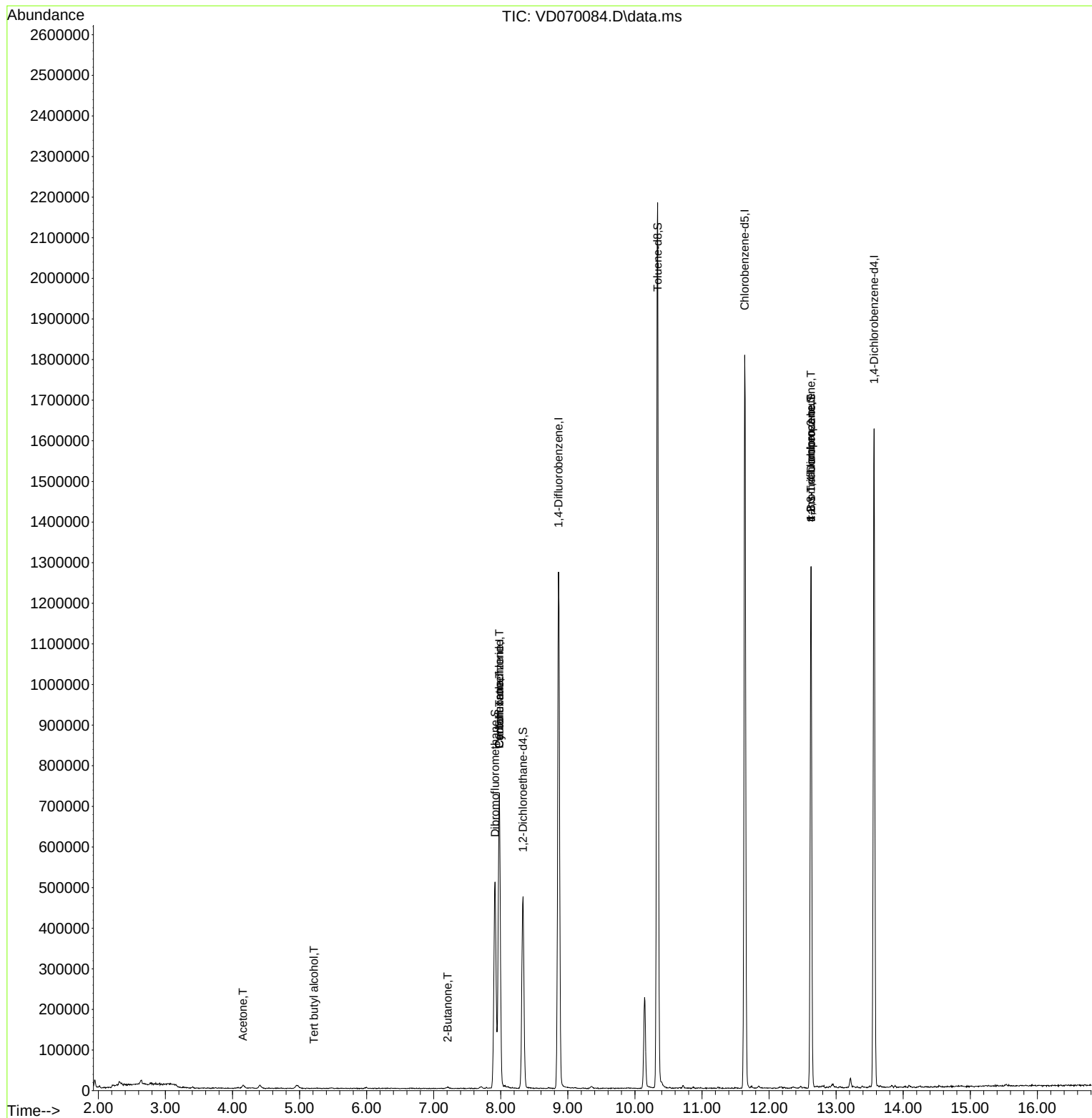
Internal Standards						
1) Pentafluorobenzene	7.979	168	505791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1050778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	426260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	370312	62.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.500%	
35) Dibromofluoromethane	7.914	113	371490	52.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.338	98	1498850	54.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.700%	
62) 4-Bromofluorobenzene	12.626	95	435024	48.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1120	Below Cal	#	64
3) Chloromethane	2.209	50	2982	Below Cal	#	77
5) Bromomethane	2.773	94	3150	Below Cal		94
11) Tert butyl alcohol	5.214	59	612	1.861	ug/l #	71
16) Acetone	4.155	43	14415	13.154	ug/l #	86
20) Methylene Chloride	4.967	84	6570	Below Cal	#	93
25) 2-Butanone	7.208	43	3153	2.106	ug/l #	44
31) Cyclohexane	7.979	56	13019	1.106	ug/l #	1
38) Carbon Tetrachloride	7.979	117	54279	5.111	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	211664	48.964	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	211664	127.092	ug/l #	18

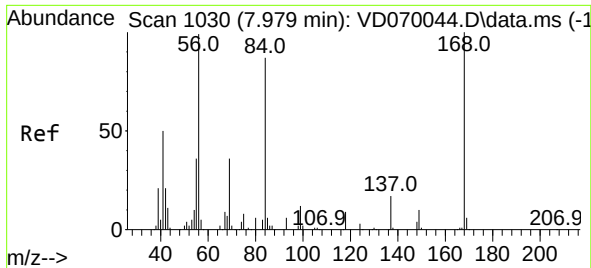
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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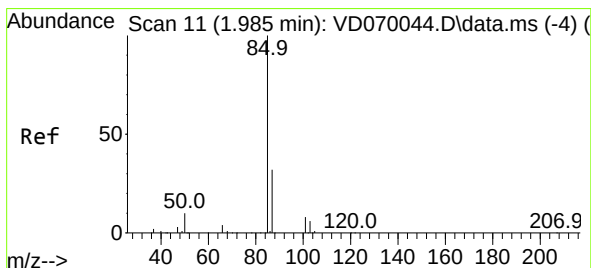
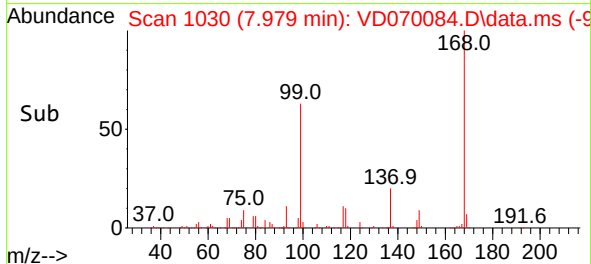
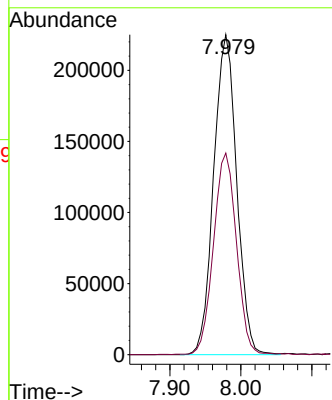
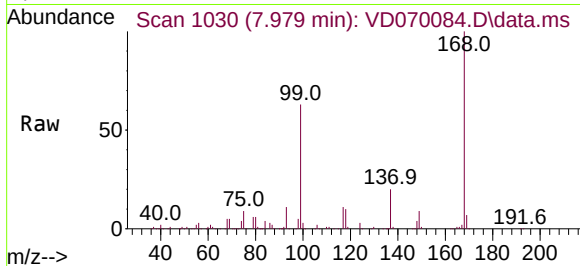




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

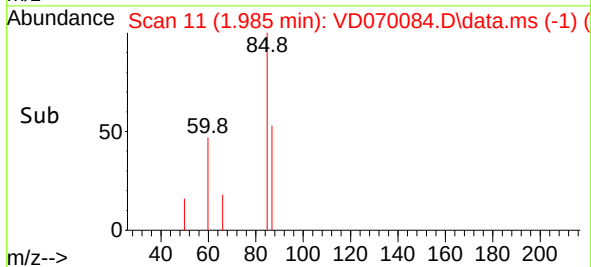
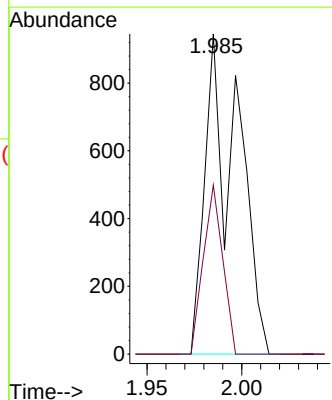
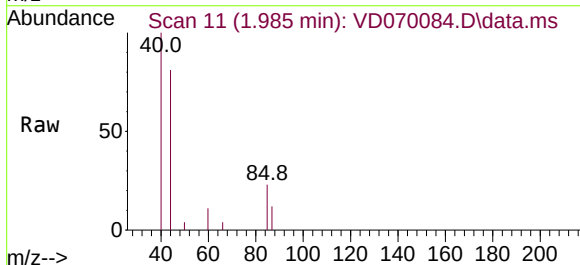
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

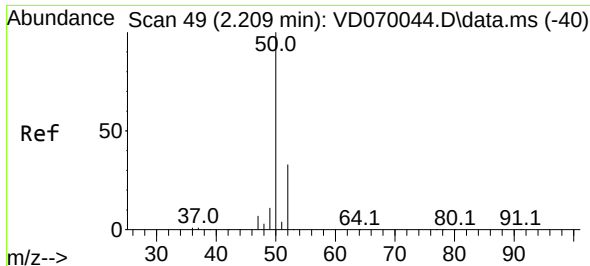
Tgt Ion:168 Resp: 505791
Ion Ratio Lower Upper
168 100
99 62.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion: 85 Resp: 1120
Ion Ratio Lower Upper
85 100
87 52.8 16.2 48.6#

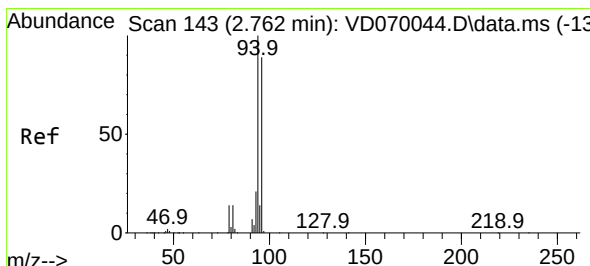
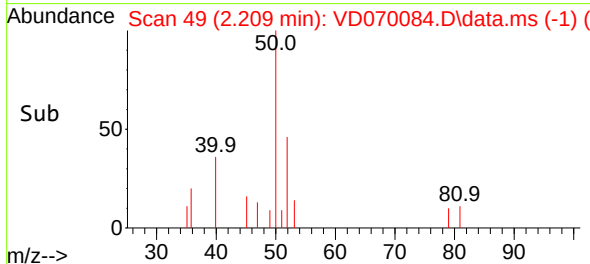
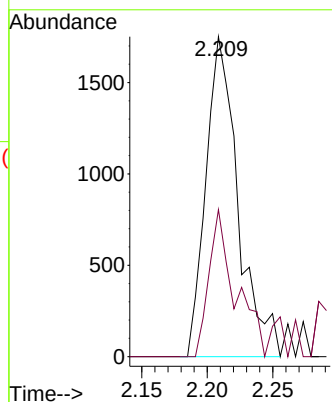
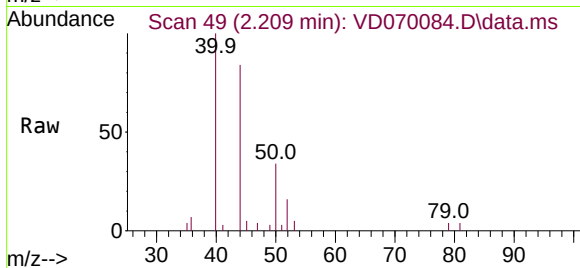




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

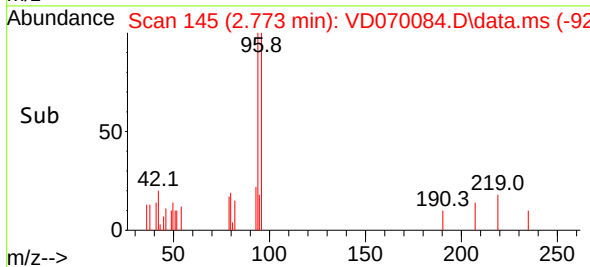
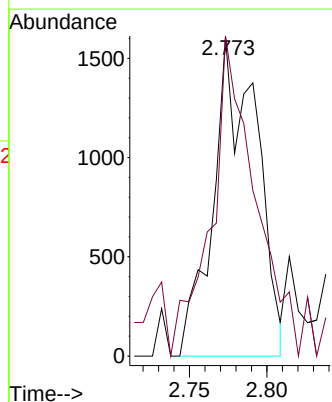
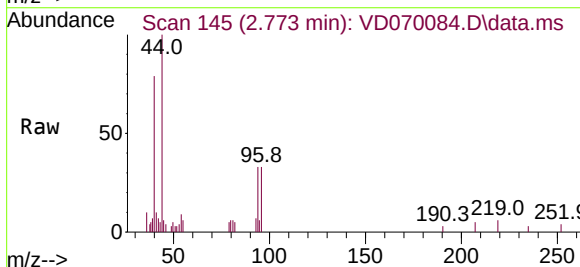
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

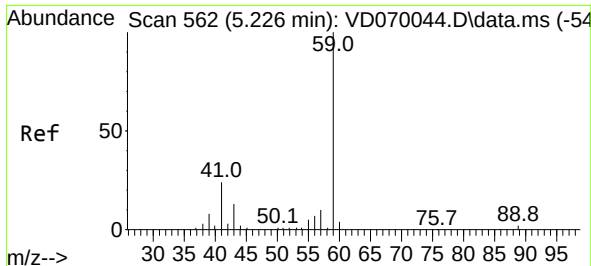
Tgt Ion: 50 Resp: 2982
Ion Ratio Lower Upper
50 100
52 45.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion: 94 Resp: 3150
Ion Ratio Lower Upper
94 100
96 83.4 70.9 106.3

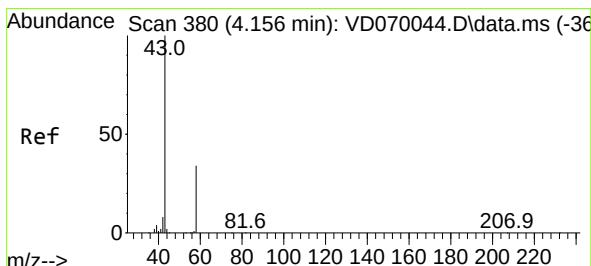
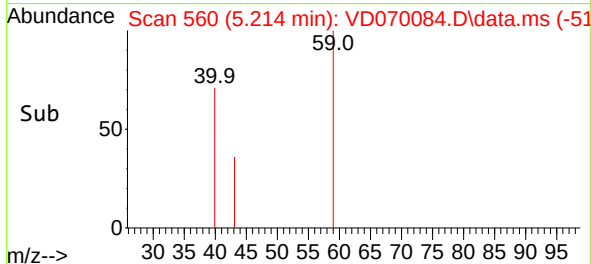
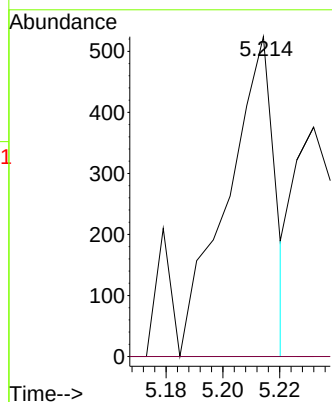
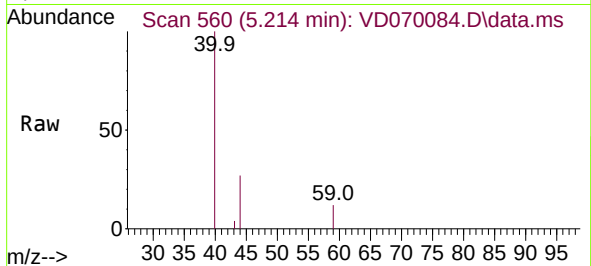




#11
Tert butyl alcohol
Concen: 1.861 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

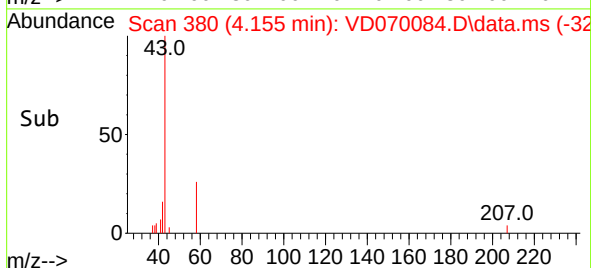
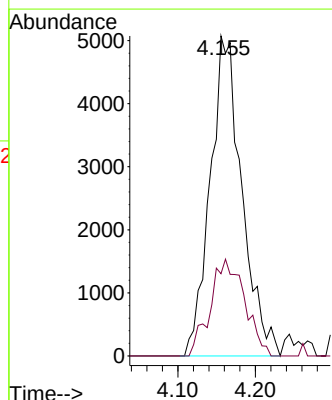
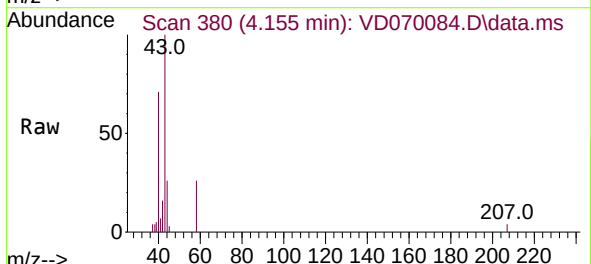
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

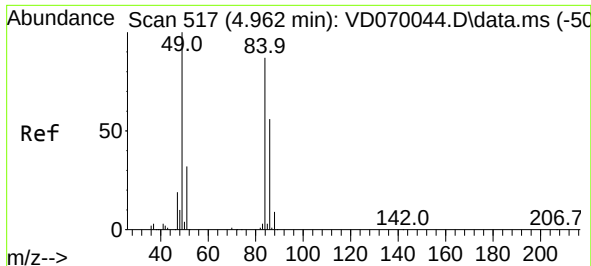
Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 13.154 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

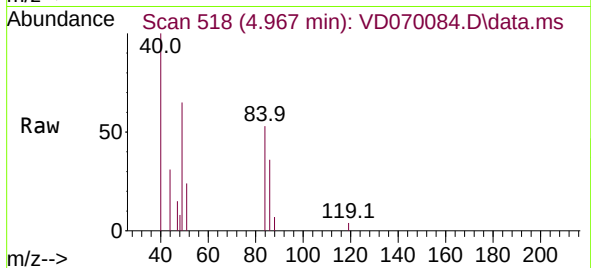
Tgt Ion: 43 Resp: 14415
Ion Ratio Lower Upper
43 100
58 25.7 26.8 40.2#



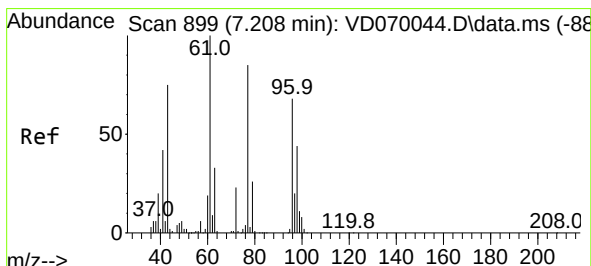
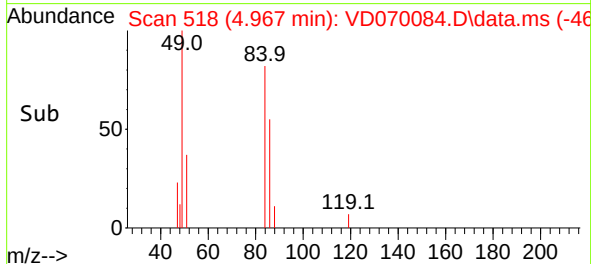
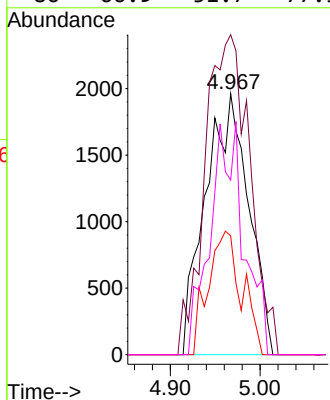


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

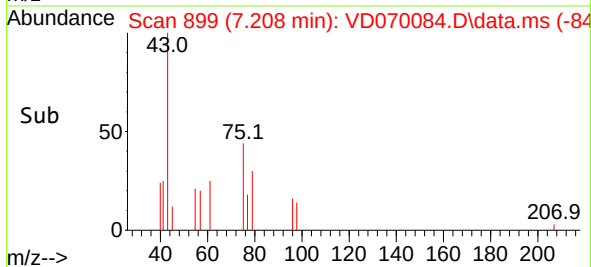
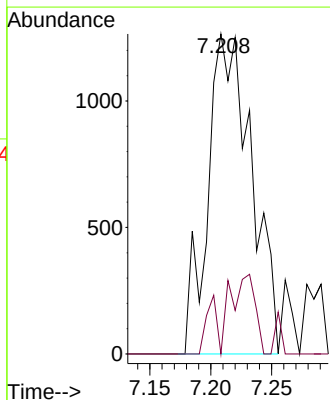
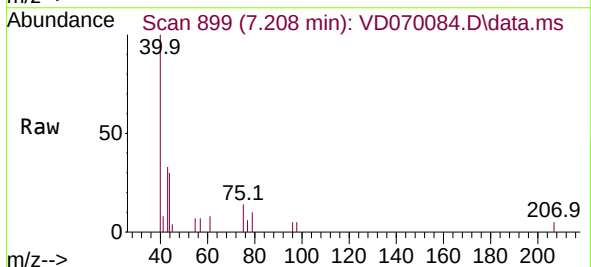


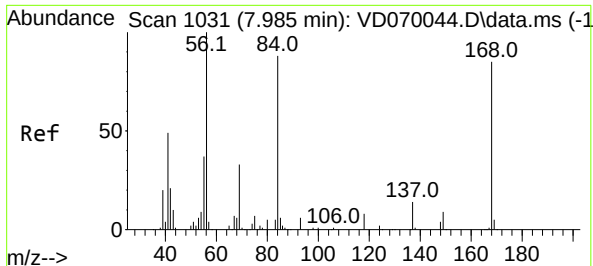
Tgt Ion:	84	Resp:	6570
Ion	Ratio	Lower	Upper
84	100		
49	122.6	92.5	138.7
51	45.5	29.7	44.5#
86	66.9	51.7	77.5



#25
2-Butanone
Concen: 2.106 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion:	43	Resp:	3153
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.4#





#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070084.D

Acq: 17 Aug 2021 13:16

Tgt Ion: 56 Resp: 13019

Ion Ratio Lower Upper

56 100

69 180.5 26.7 40.1#

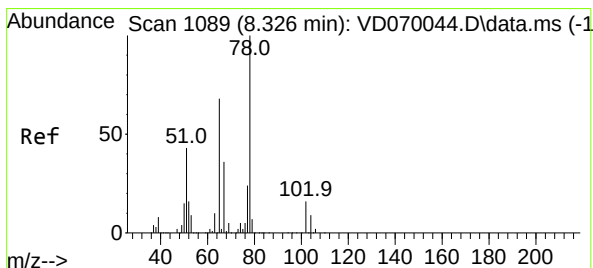
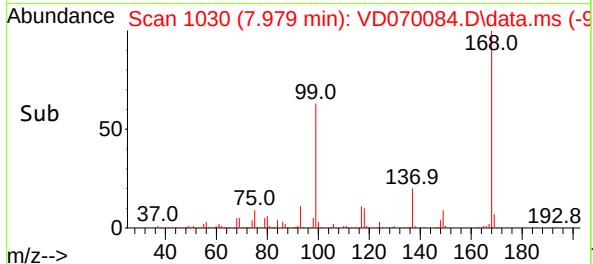
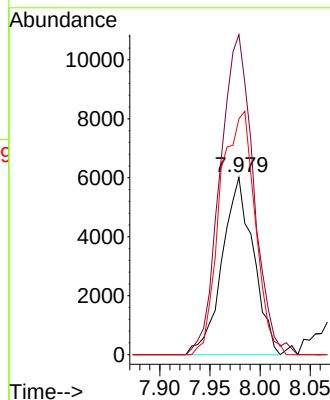
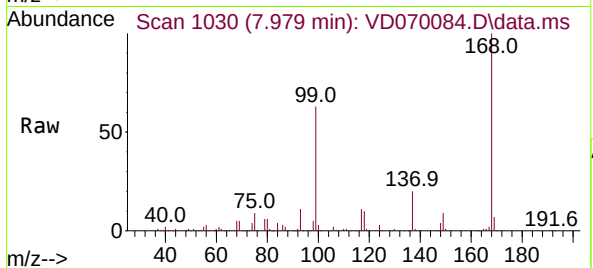
84 133.0 70.4 105.6#

Instrument :

MSVOA_D

ClientSampleId :

SWCS-04-0205



#33

1,2-Dichloroethane-d4

Concen: 62.249 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD070084.D

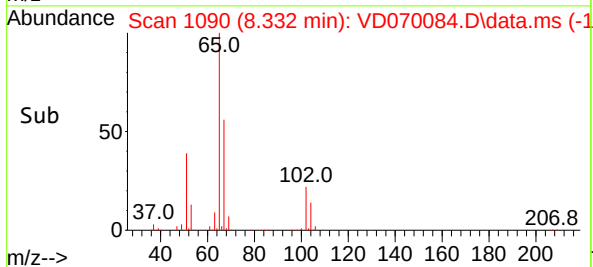
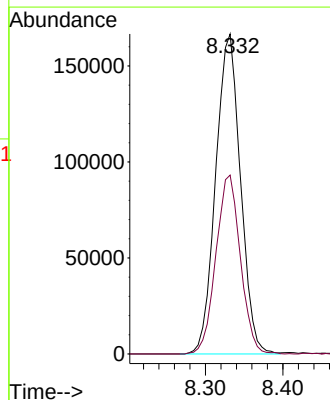
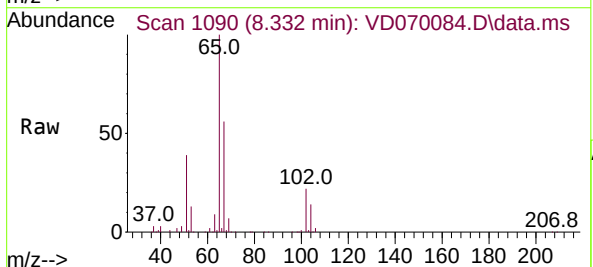
Acq: 17 Aug 2021 13:16

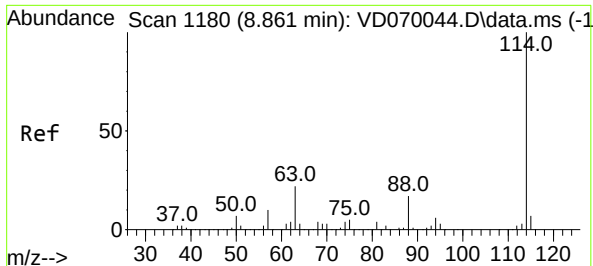
Tgt Ion: 65 Resp: 370312

Ion Ratio Lower Upper

65 100

67 55.2 0.0 107.8

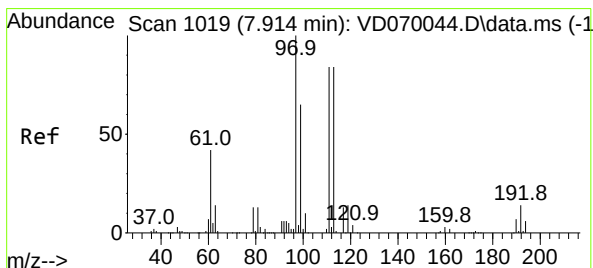
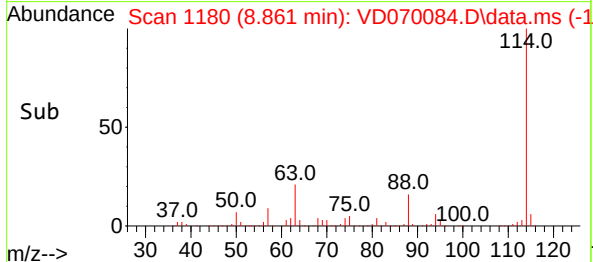
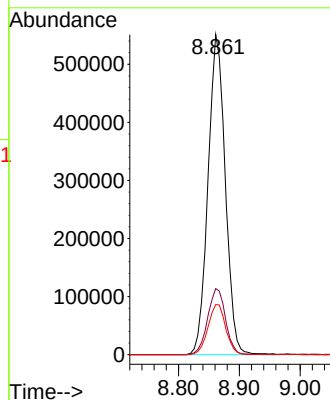
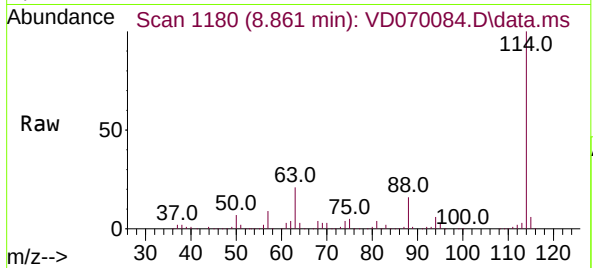




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

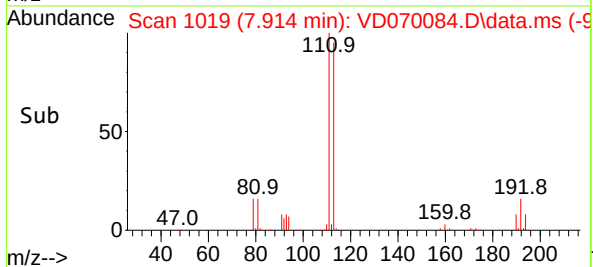
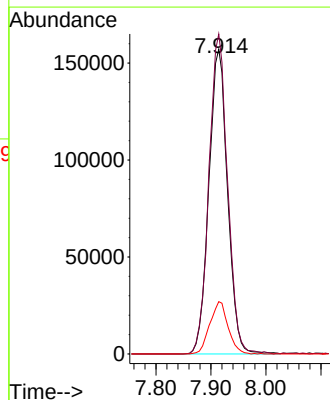
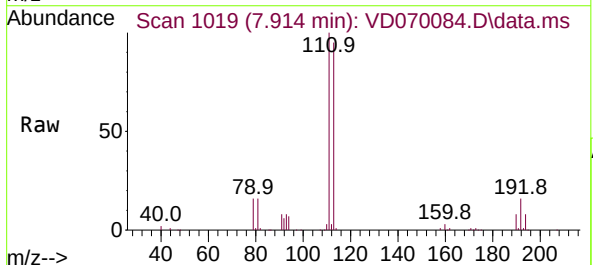
Instrument :
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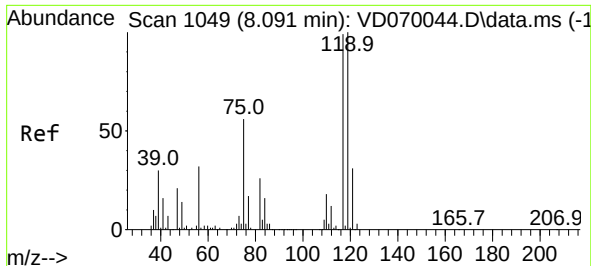
Tgt Ion:114 Resp: 1087433
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.877 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion:113 Resp: 371490
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.6
192 16.8 13.2 19.8

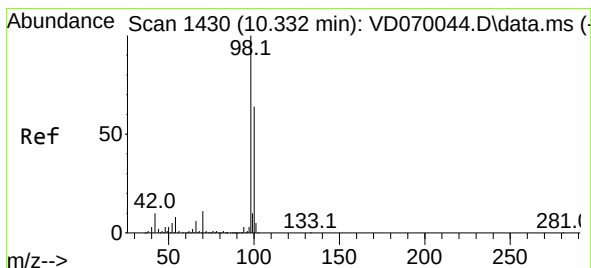
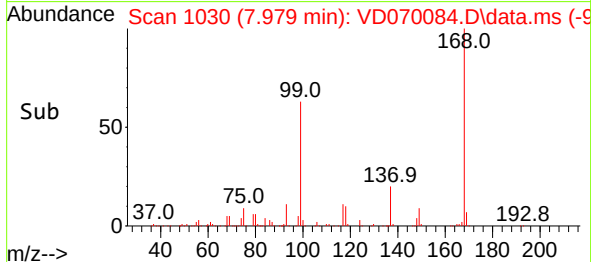
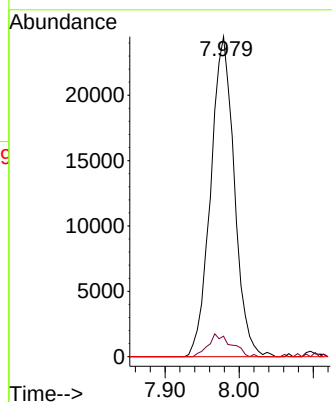
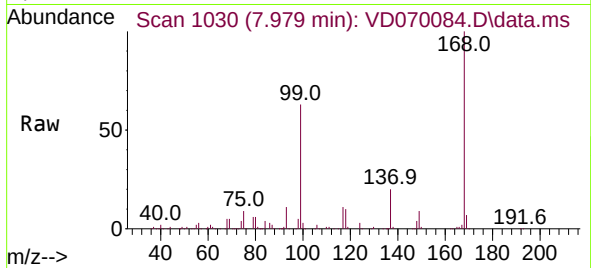




#38
Carbon Tetrachloride
Concen: 5.111 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

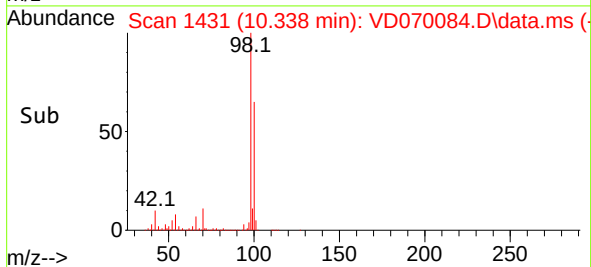
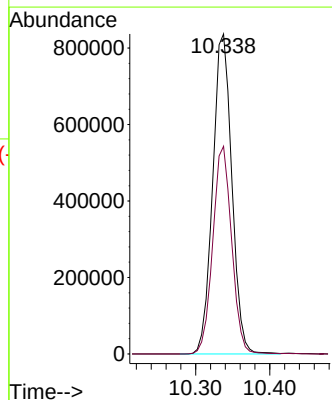
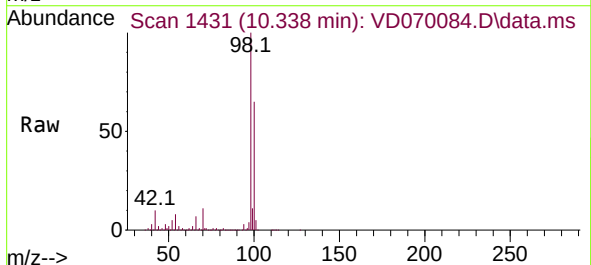
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

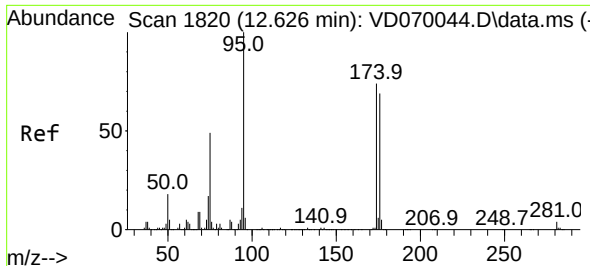
Tgt Ion:117 Resp: 54279
Ion Ratio Lower Upper
117 100
119 6.4 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 54.852 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion: 98 Resp: 1498850
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

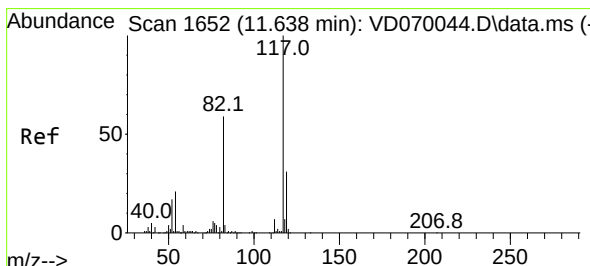
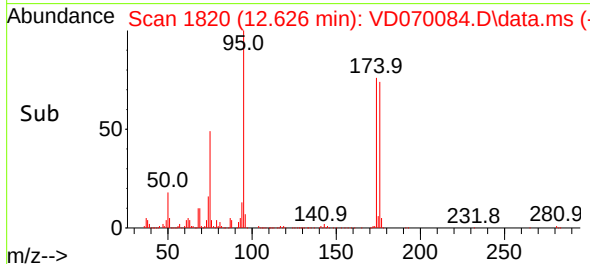
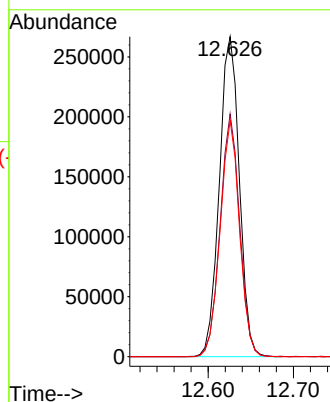
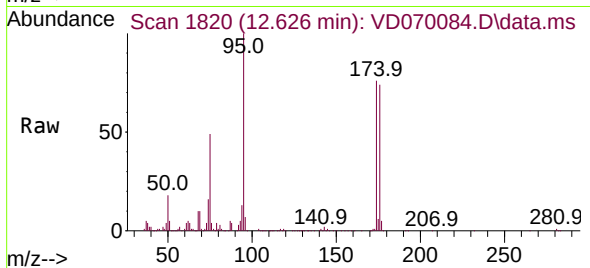




#62
4-Bromofluorobenzene
Concen: 48.335 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

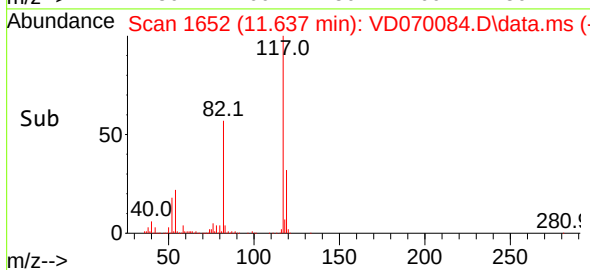
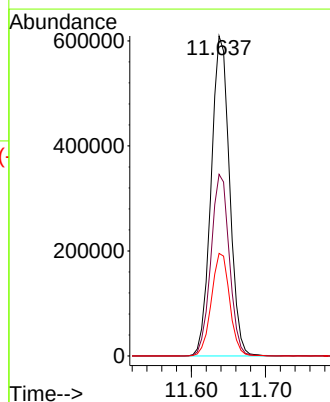
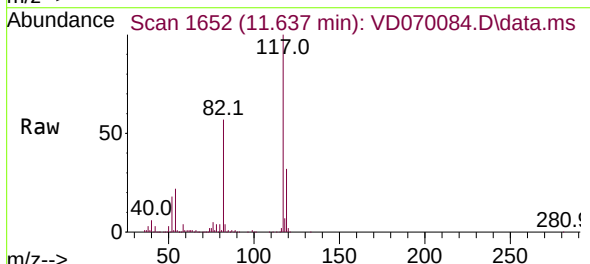
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

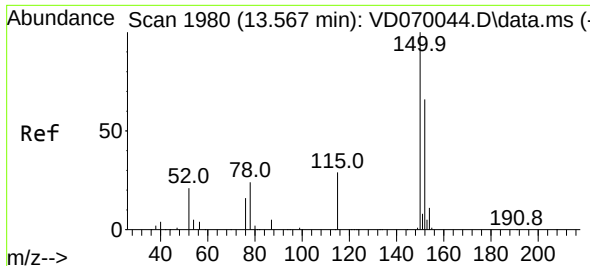
Tgt Ion: 95 Resp: 435024
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 71.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion: 117 Resp: 1050778
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.1 25.1 37.7

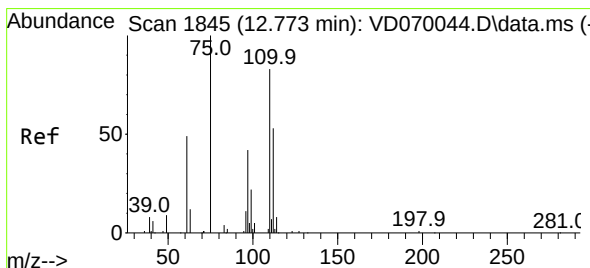
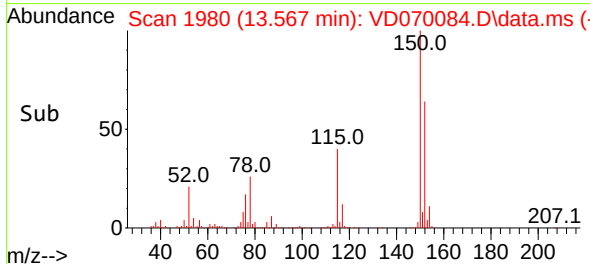
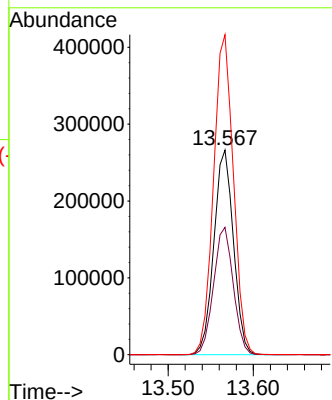
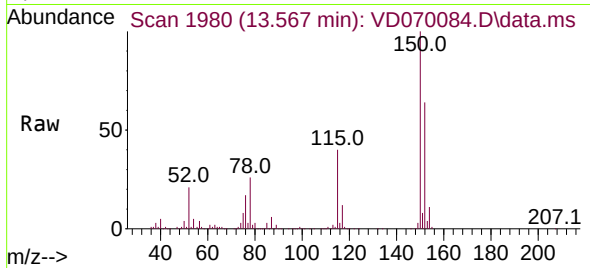




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

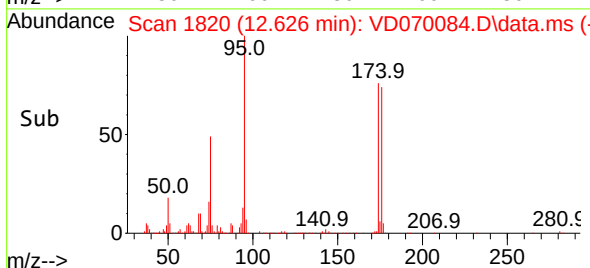
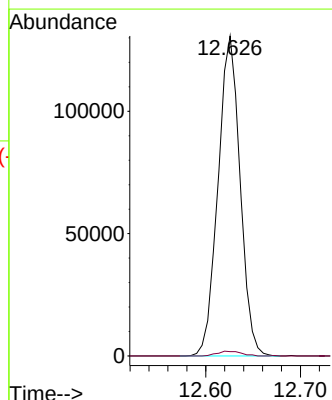
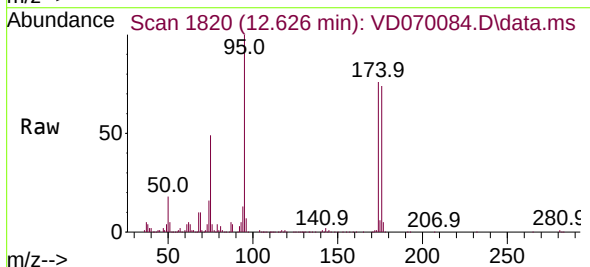
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

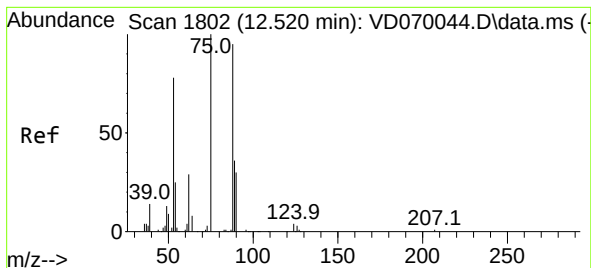
Tgt Ion:152 Resp: 426260
Ion Ratio Lower Upper
152 100
115 62.6 31.2 93.6
150 158.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.964 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Tgt Ion: 75 Resp: 211664
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.092 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070084.D
Acq: 17 Aug 2021 13:16

Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

Tgt Ion: 75 Resp: 211664
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

