

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070249.D
 Acq On : 25 Aug 2021 14:14
 Operator : VA/SY
 Sample : M3465-05RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CON-CRE

Quant Time: Aug 25 14:46:52 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)

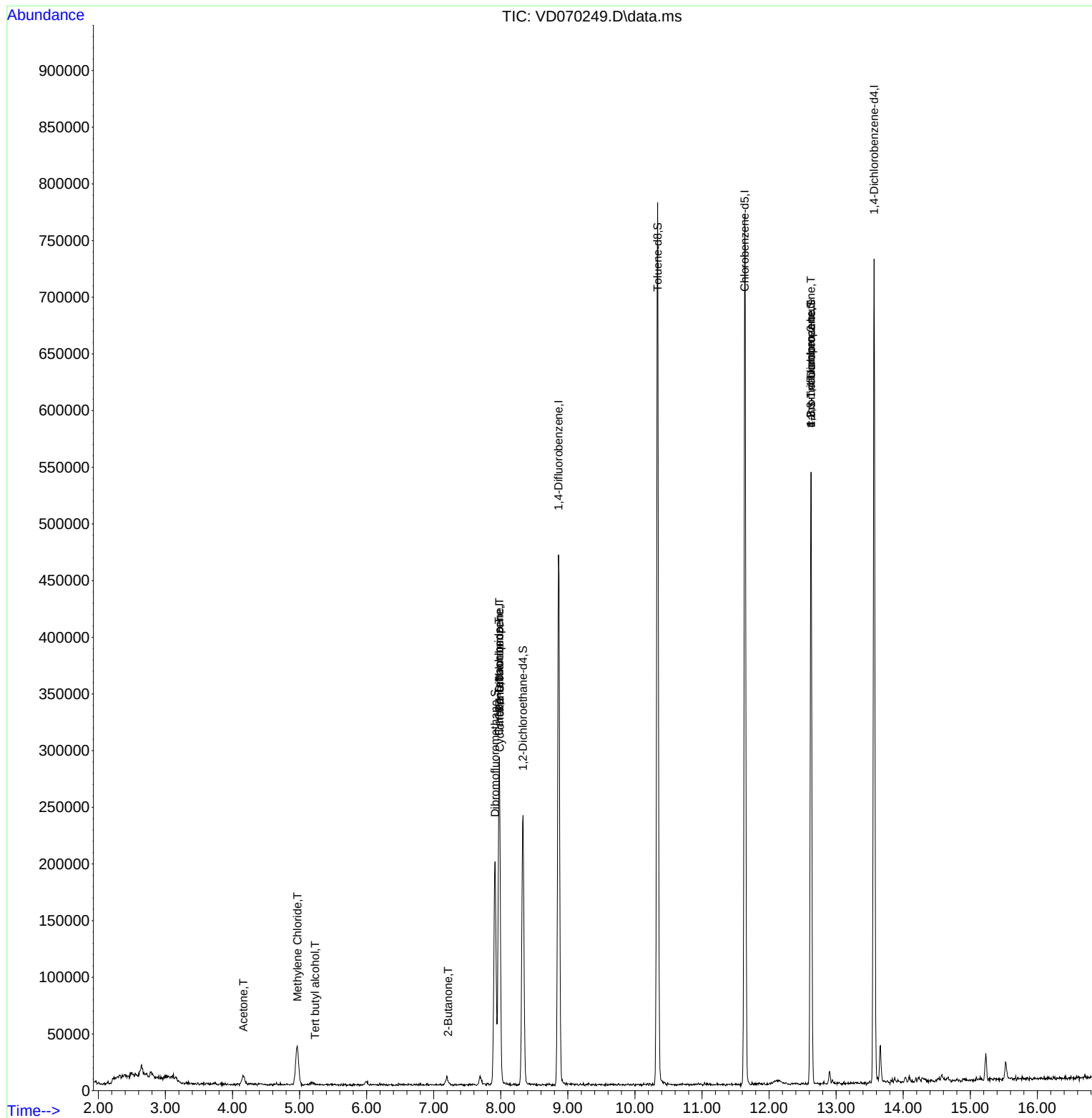
Internal Standards						
1) Pentafluorobenzene	7.979	168	202209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	399399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	443565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	190389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190602	80.142	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 160.280%			
35) Dibromofluoromethane	7.914	113	144009	55.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.620%			
50) Toluene-d8	10.337	98	532531	53.061	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.626	95	183657	55.558	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.120%			
Target Compounds						
3) Chloromethane	2.208	50	1228	Below Cal	Qvalue 98	
5) Bromomethane	2.779	94	2096	Below Cal	# 60	
11) Tert butyl alcohol	5.232	59	170	1.293	ug/l # 71	
16) Acetone	4.161	43	14478	33.046	ug/l 97	
20) Methylene Chloride	4.967	84	26986	1.059	ug/l 93	
25) 2-Butanone	7.214	43	1974	3.297	ug/l # 77	
31) Cyclohexane	7.985	56	5321	1.130	ug/l # 1	
36) 1,1-Dichloropropene	7.979	75	20263	4.716	ug/l # 50	
38) Carbon Tetrachloride	7.973	117	21634	5.546	ug/l # 15	
76) 1,2,3-Trichloropropane	12.626	75	90827	47.041	ug/l # 1	
81) trans-1,4-Dichloro-2-b...	12.626	75	90827	122.101	ug/l # 18	

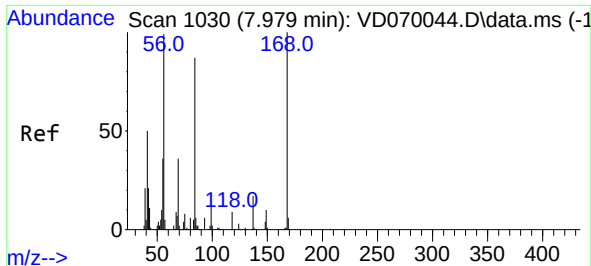
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
Data File : VD070249.D
Acq On : 25 Aug 2021 14:14
Operator : VA/SY
Sample : M3465-05RE
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

Quant Time: Aug 25 14:46:52 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

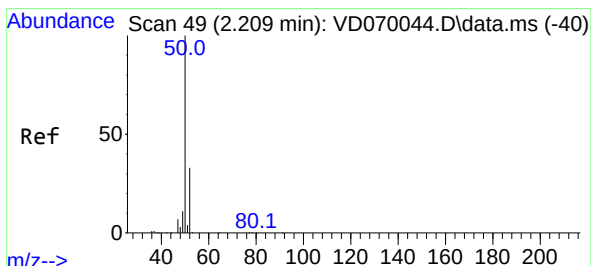
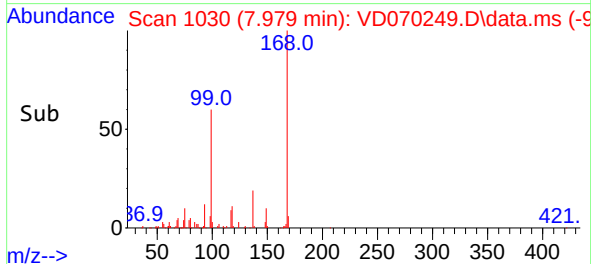
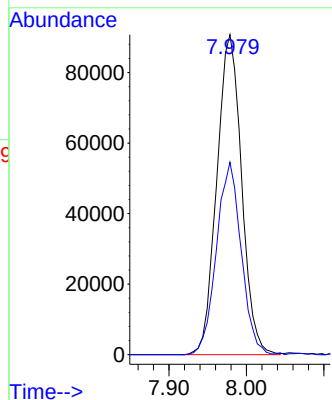
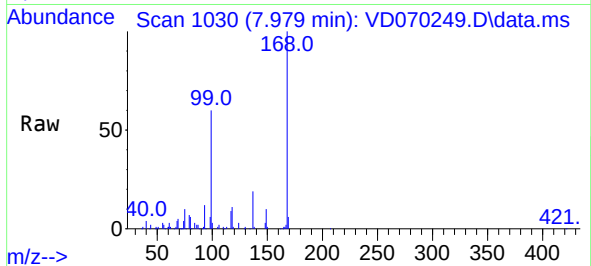




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

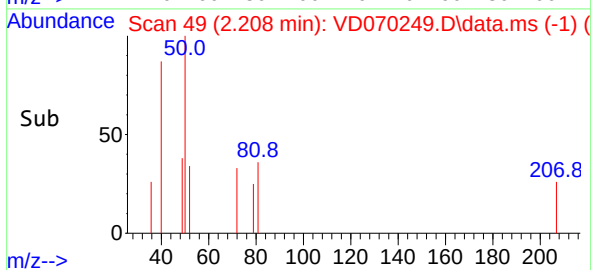
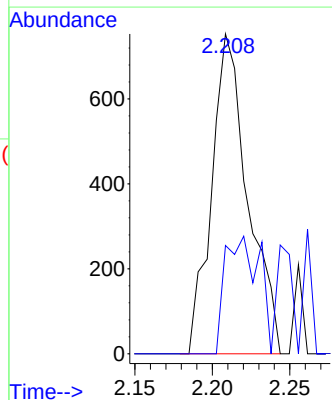
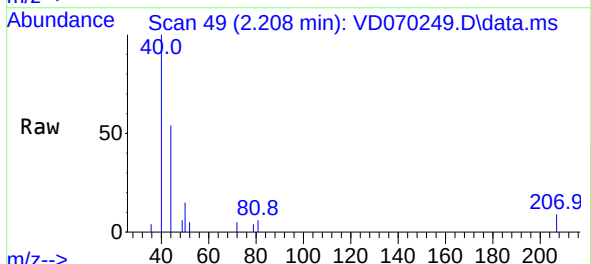
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

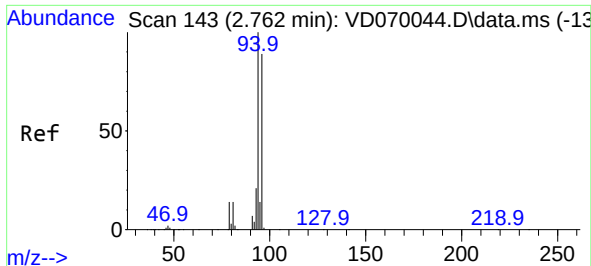
Tgt Ion:168 Resp: 202209
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 33.9 26.3 39.5

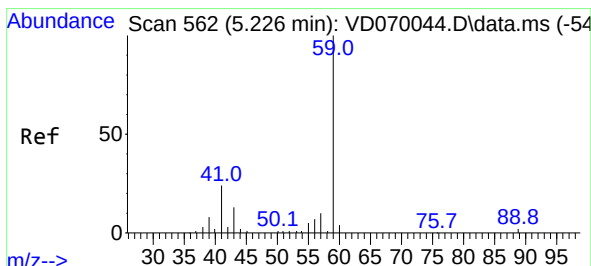
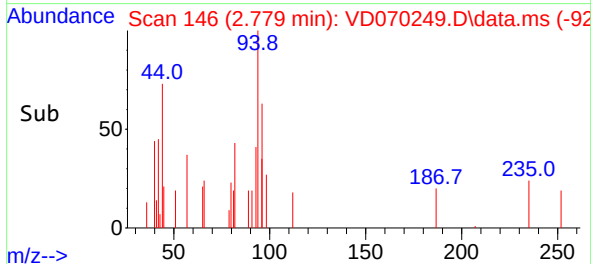
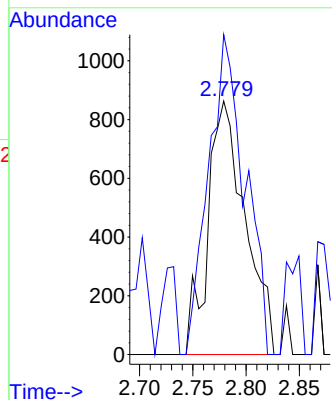
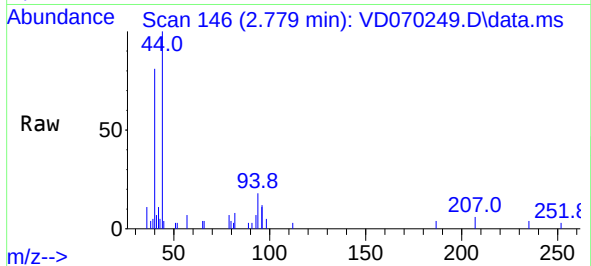




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

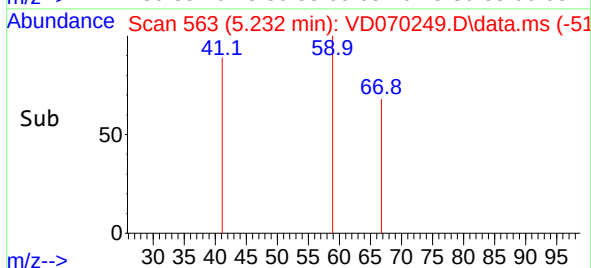
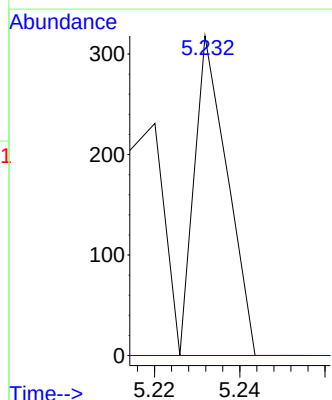
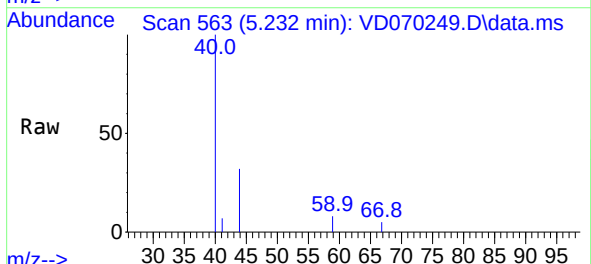
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

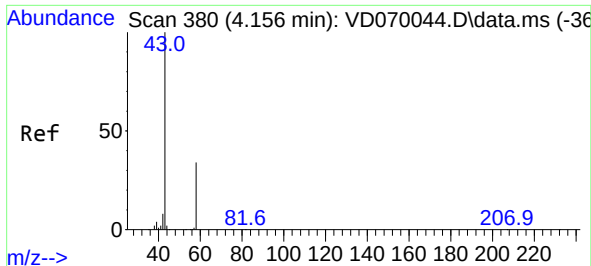
Tgt Ion: 94 Resp: 2096
Ion Ratio Lower Upper
94 100
96 126.2 70.9 106.3#



#11
Tert butyl alcohol
Concen: 1.293 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

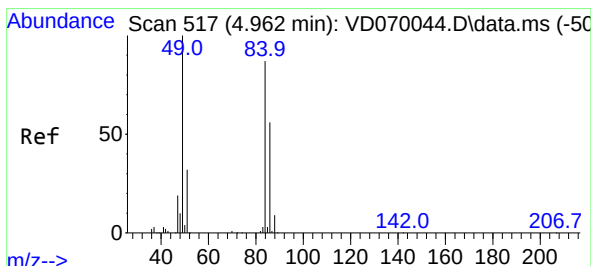
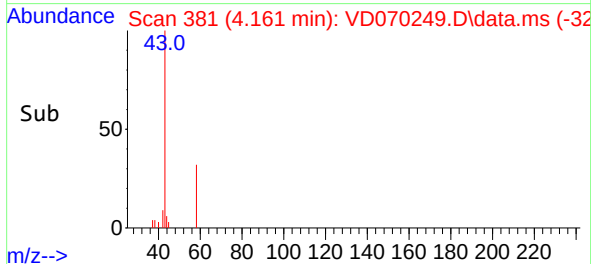
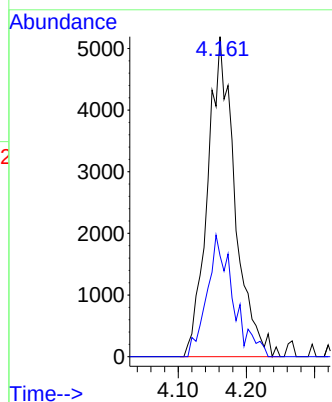
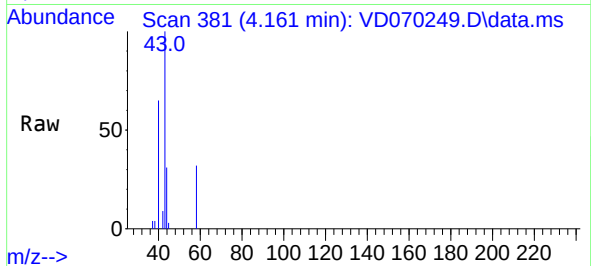




#16
Acetone
Concen: 33.046 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

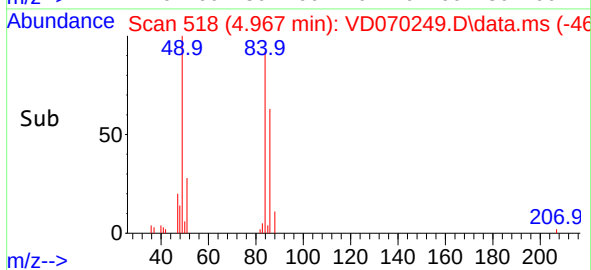
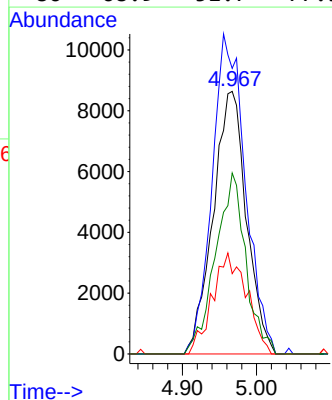
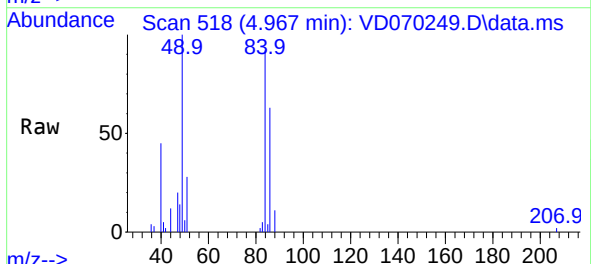
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

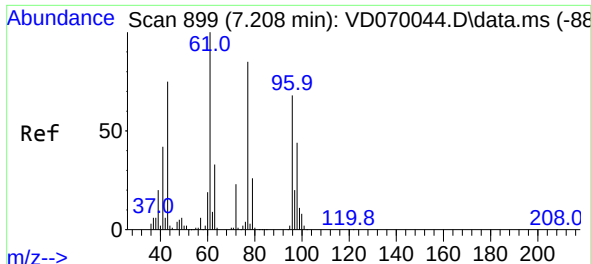
Tgt Ion: 43 Resp: 14478
Ion Ratio Lower Upper
43 100
58 31.6 26.8 40.2



#20
Methylene Chloride
Concen: 1.059 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion: 84 Resp: 26986
Ion Ratio Lower Upper
84 100
49 108.7 92.5 138.7
51 30.6 29.7 44.5
86 68.9 51.7 77.5

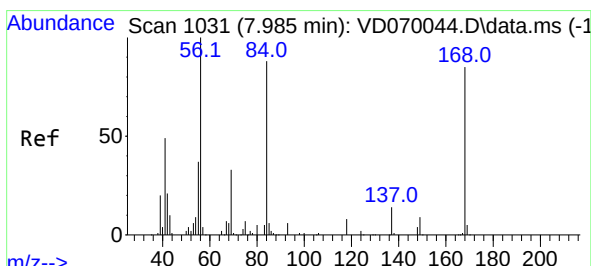
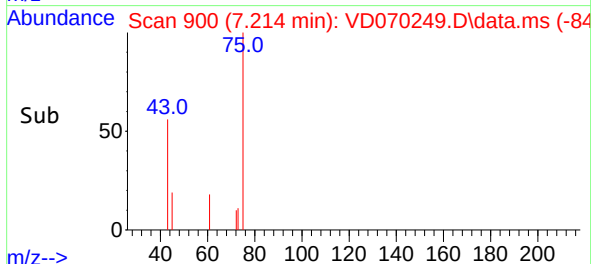
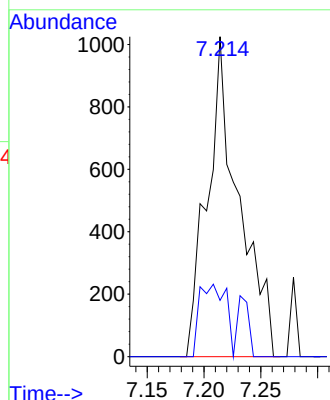
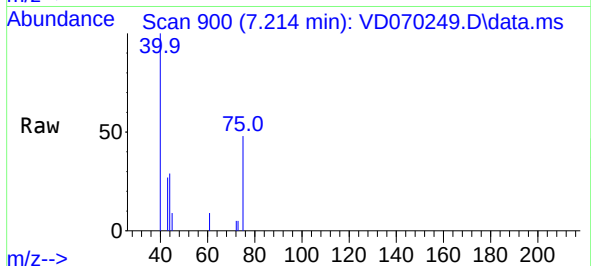




#25
2-Butanone
Concen: 3.297 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

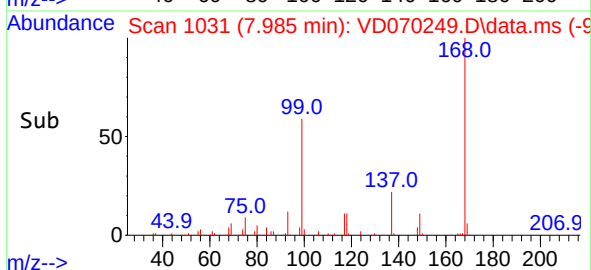
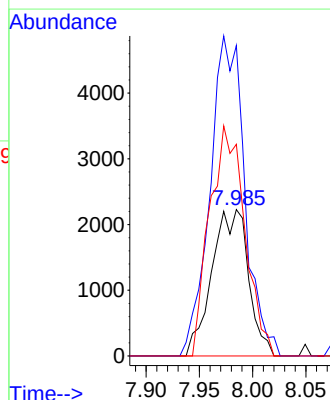
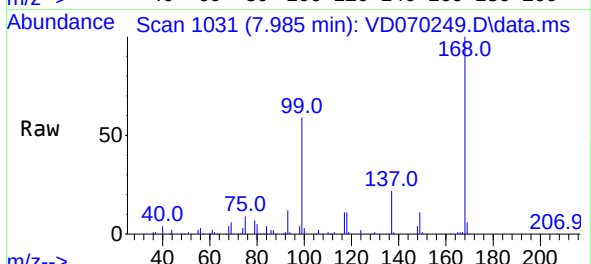
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

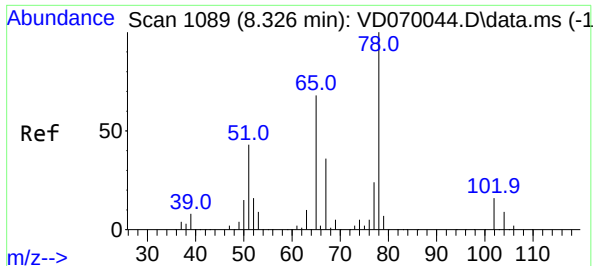
Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
72 17.6 24.2 36.4#



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion: 56 Resp: 5321
Ion Ratio Lower Upper
56 100
69 212.1 26.7 40.1#
84 144.6 70.4 105.6#



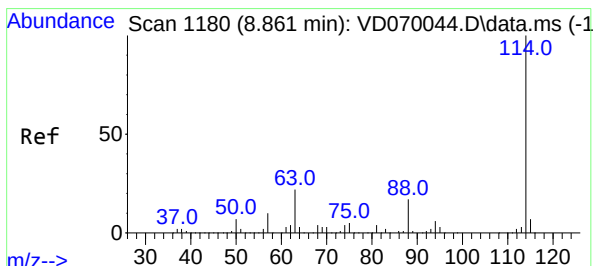
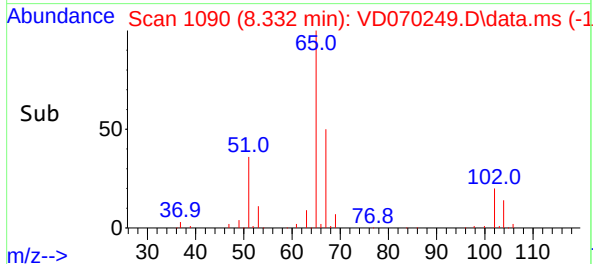
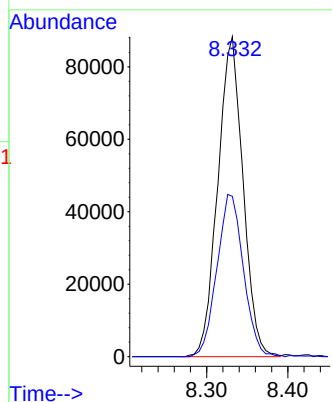
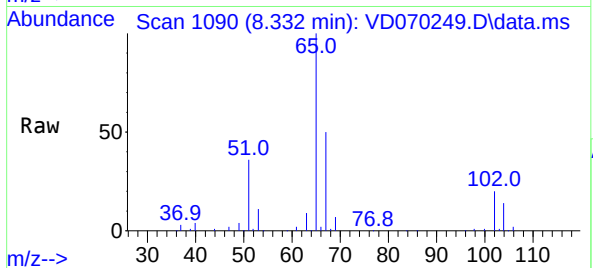


#33

1,2-Dichloroethane-d4
Concen: 80.142 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

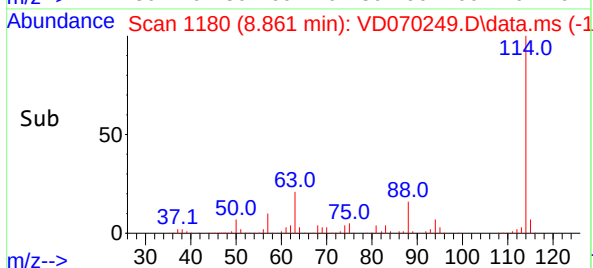
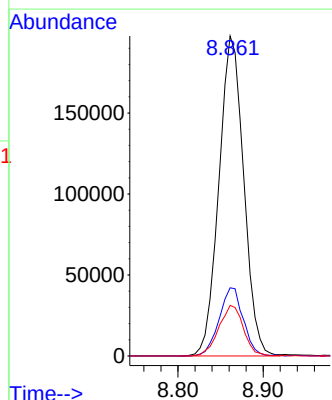
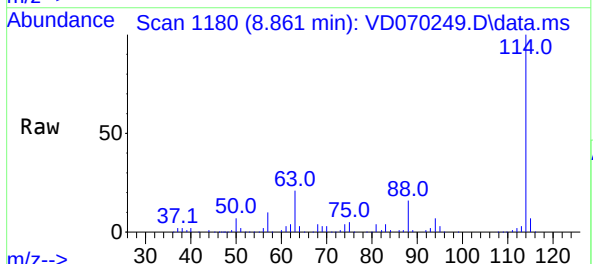
Tgt Ion: 65 Resp: 190602
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

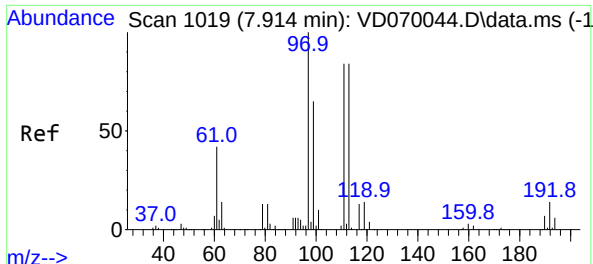


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion:114 Resp: 399399
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 15.8 0.0 33.4

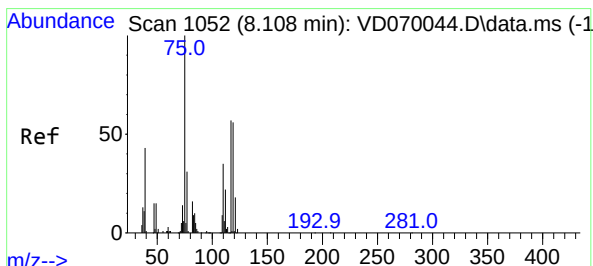
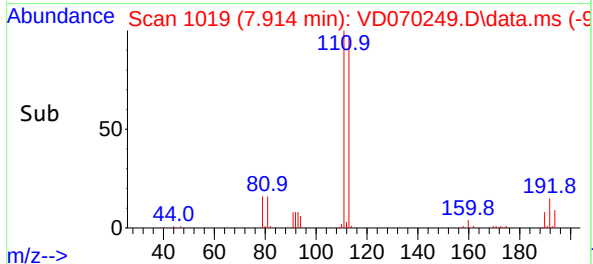
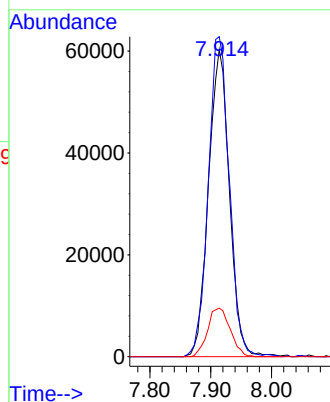
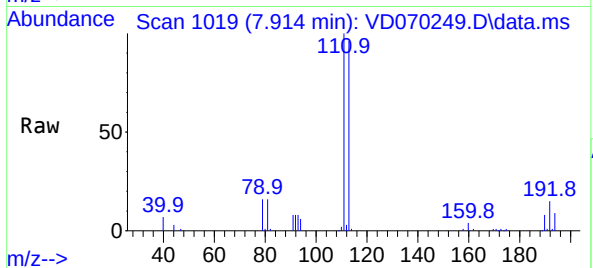




#35
Dibromofluoromethane
Concen: 55.809 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

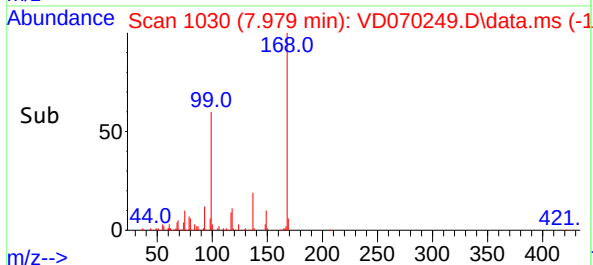
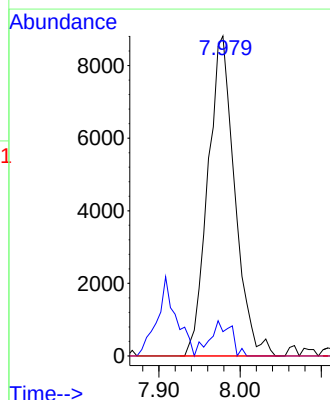
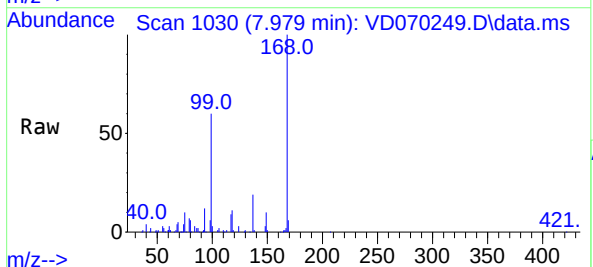
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

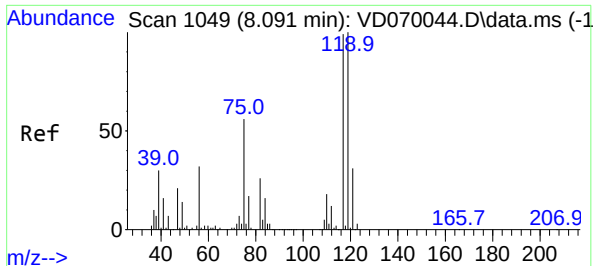
Tgt Ion:113 Resp: 144009
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.1 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

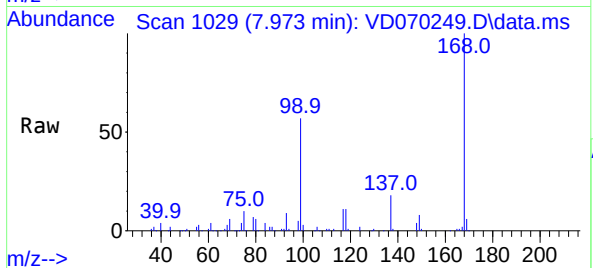
Tgt Ion: 75 Resp: 20263
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.7#
77 0.0 25.2 37.8#



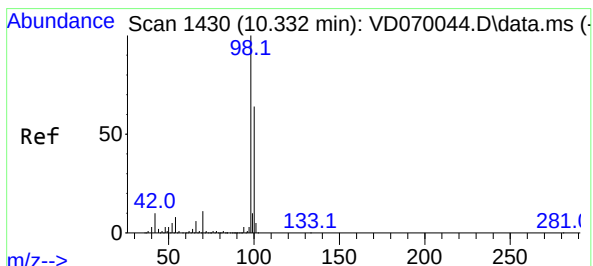
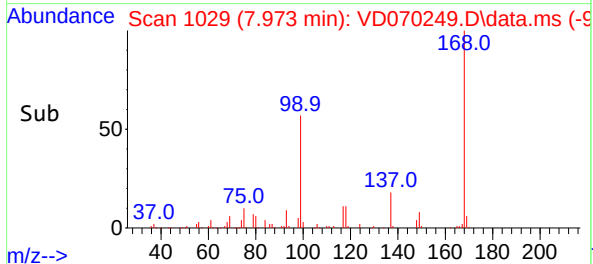
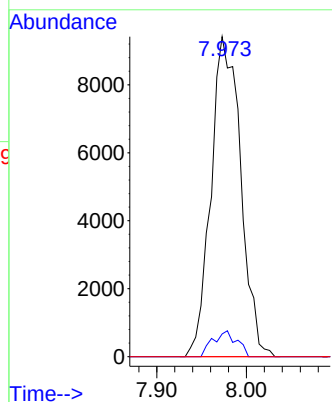


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

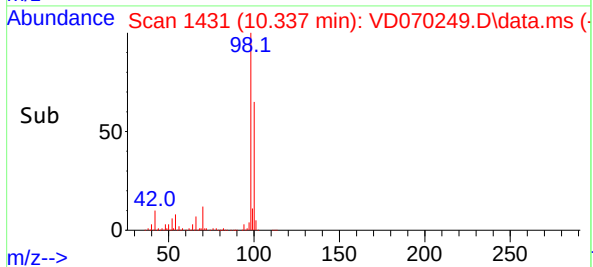
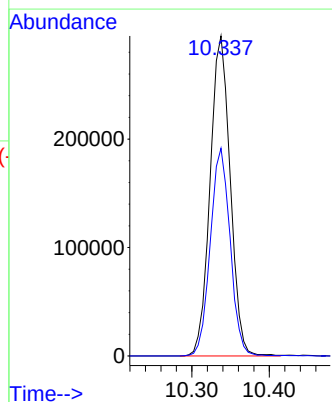
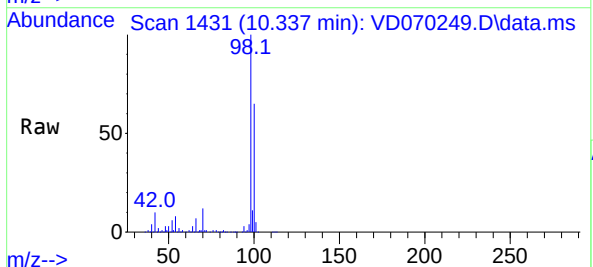


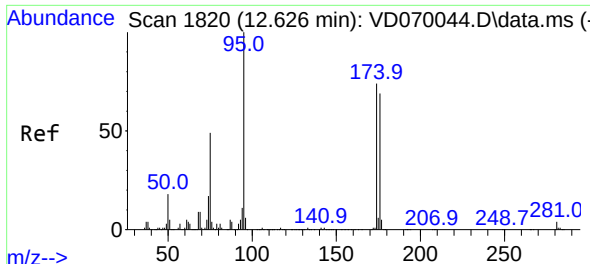
Tgt Ion:117 Resp: 21634
Ion Ratio Lower Upper
117 100
119 7.1 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.061 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion: 98 Resp: 532531
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

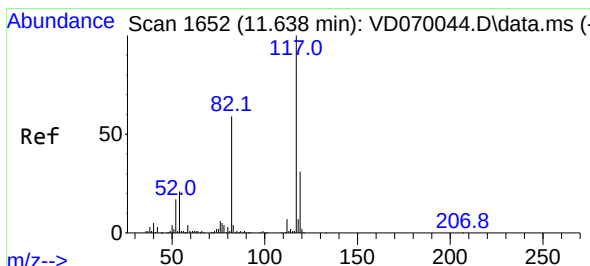
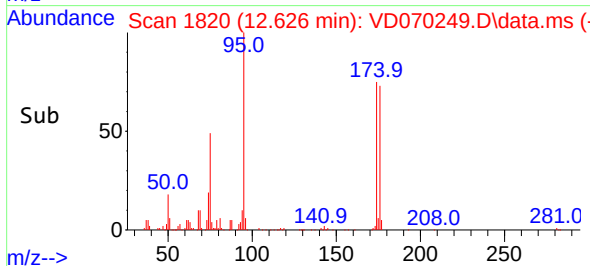
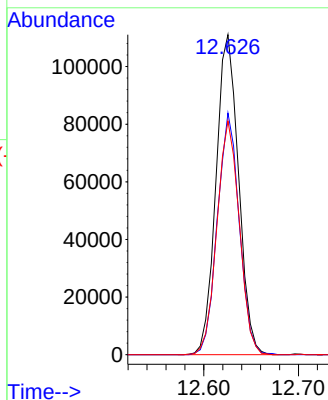
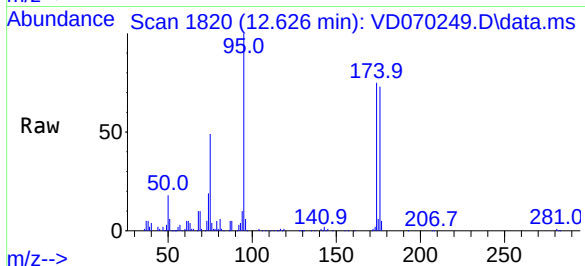




#62
4-Bromofluorobenzene
Concen: 55.558 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

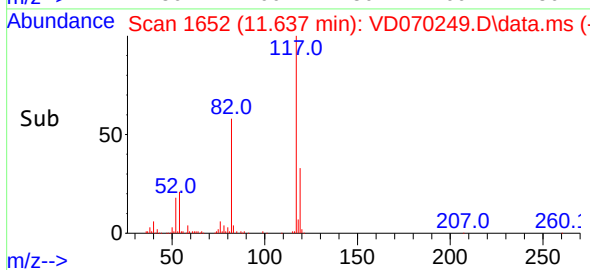
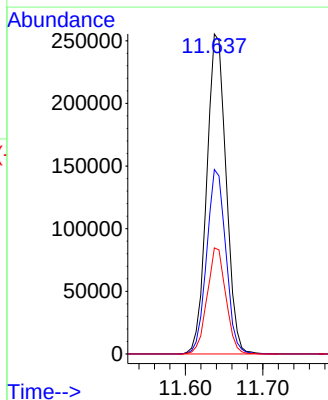
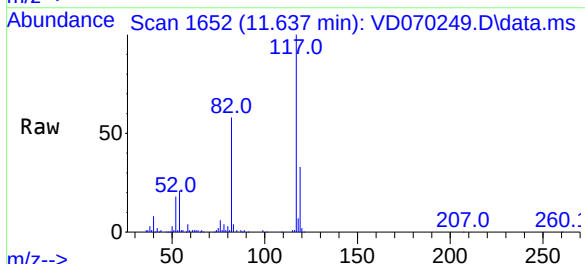
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

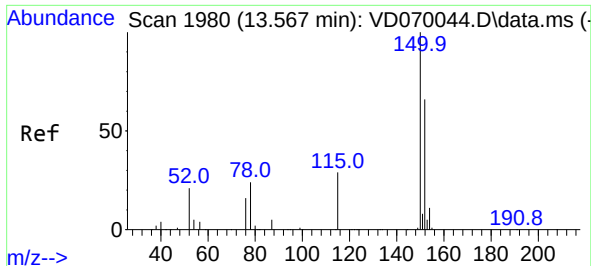
Tgt Ion:	95	Resp:	183657
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	72.4	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Tgt Ion:	117	Resp:	443565
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.5	71.3
119	33.1	25.1	37.7

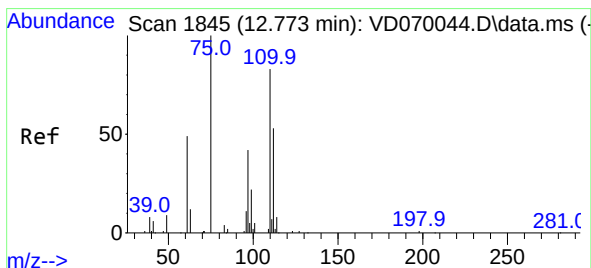
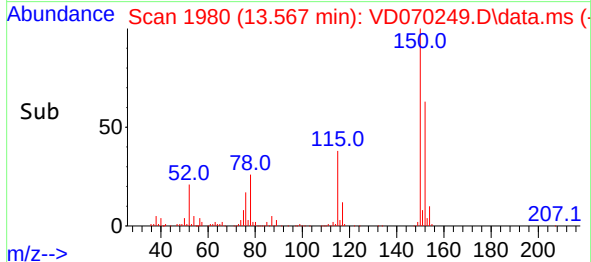
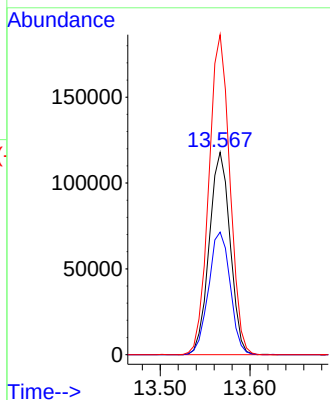
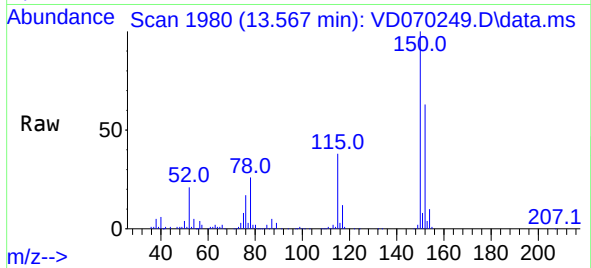




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

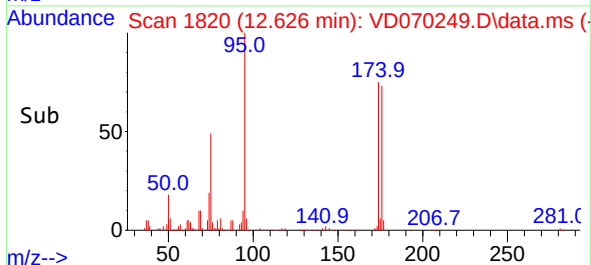
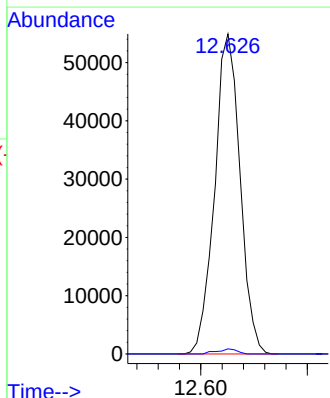
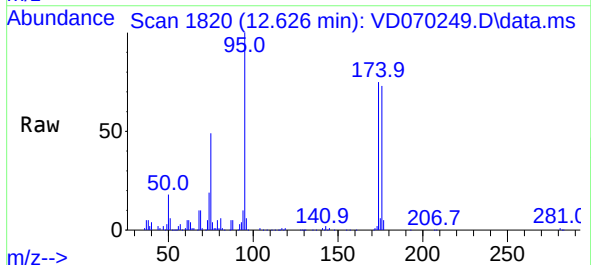
Instrument :
MSVOA_D
ClientSampleId :
CON-CRE

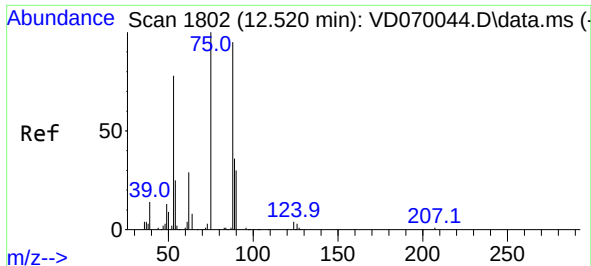
Tgt Ion:152 Resp: 190389
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 158.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.041 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

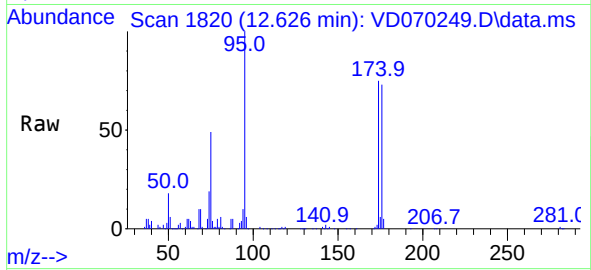
Tgt Ion: 75 Resp: 90827
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.101 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070249.D
Acq: 25 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
CON-CRE



Tgt Ion: 75 Resp: 90827
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

