

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070204.D
 Acq On : 20 Aug 2021 15:49
 Operator : VA/SY
 Sample : M3449-07RE
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 23 03:53:36 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)

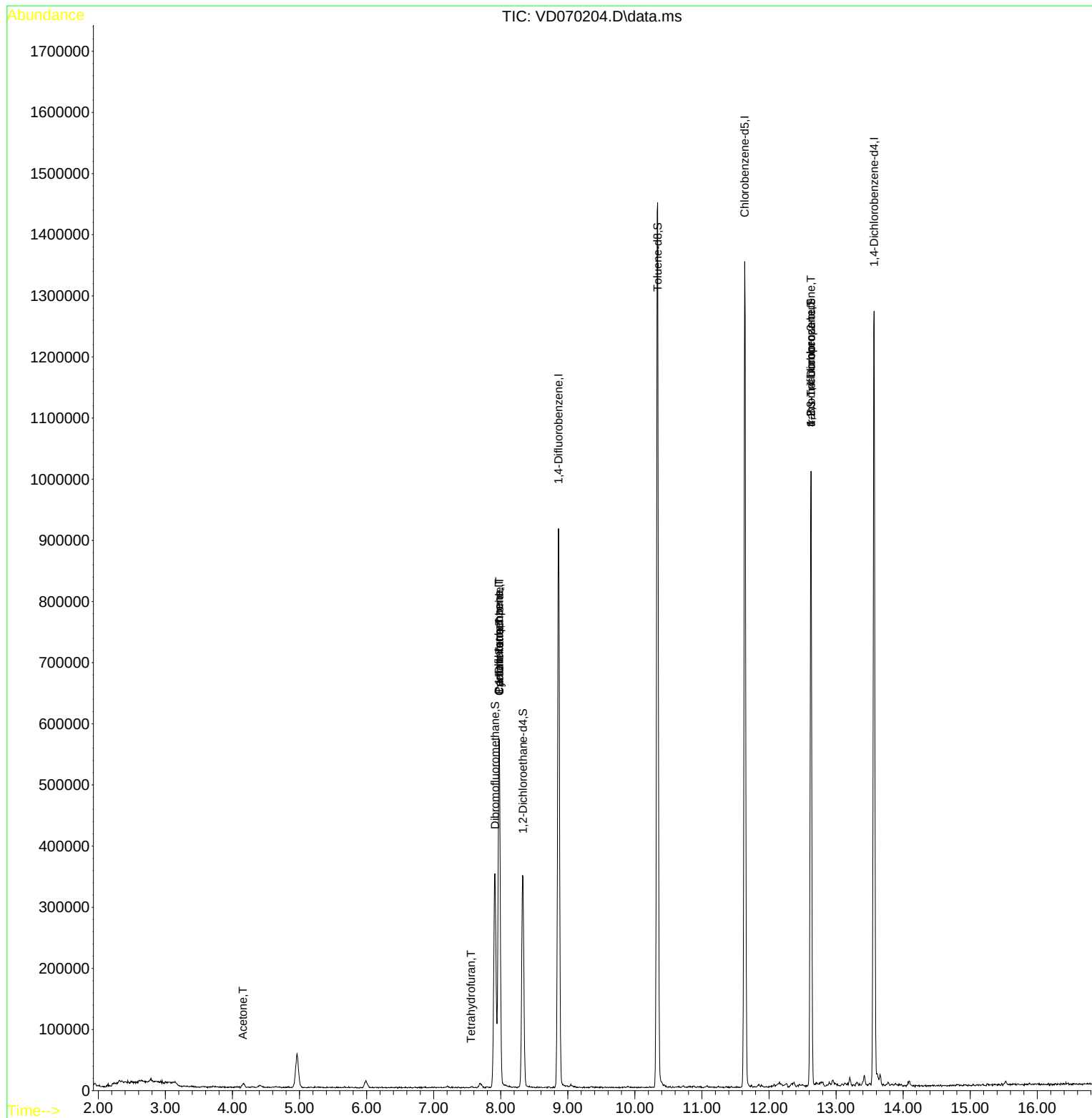
Internal Standards						
1) Pentafluorobenzene	7.973	168	409742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	788464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	340346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	276061	57.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.560%	
35) Dibromofluoromethane	7.914	113	259275	50.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.338	98	1017169	51.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.626	95	341433	52.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	713	Below Cal	#	42
3) Chloromethane	2.209	50	1574	Below Cal		92
5) Bromomethane	2.774	94	3107	Below Cal		83
16) Acetone	4.156	43	9897	11.148	ug/l	95
20) Methylene Chloride	4.962	84	40995	Below Cal		92
29) Tetrahydrofuran	7.556	42	795	1.001	ug/l #	44
31) Cyclohexane	7.979	56	10109	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36671	4.323	ug/l #	48
38) Carbon Tetrachloride	7.979	117	42897	5.571	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	164269	47.592	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	164269	123.533	ug/l #	18

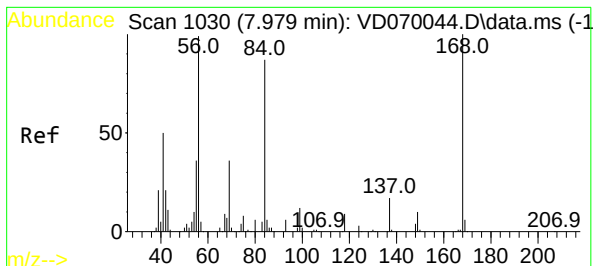
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 23 03:53:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
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QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration



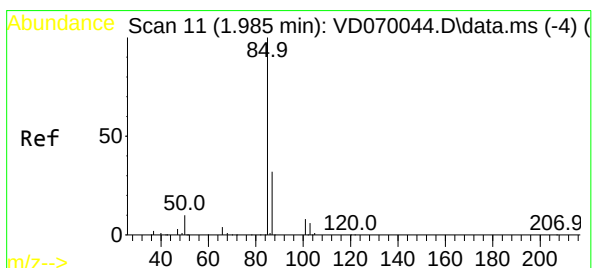
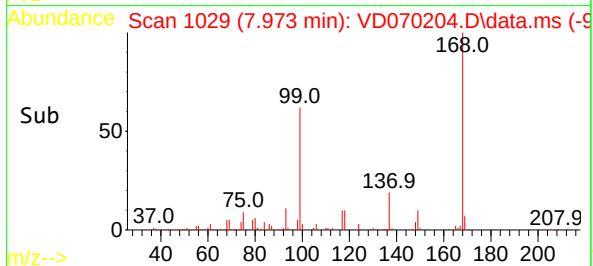
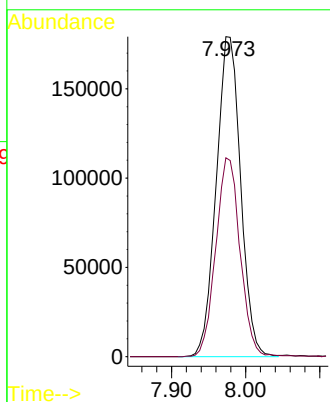
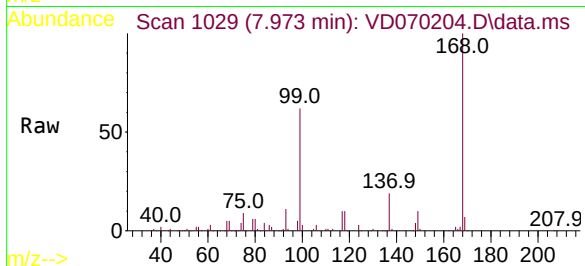


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD070204.D
 Acq: 20 Aug 2021 15:49

Instrument :
 MSVOA_D
 ClientSampled :

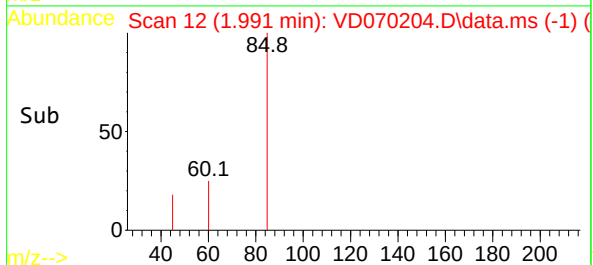
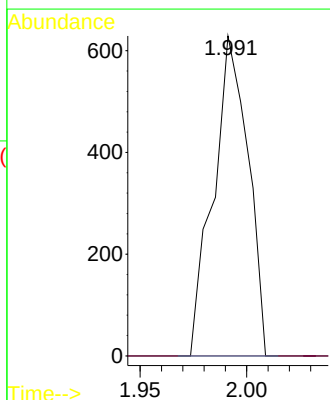
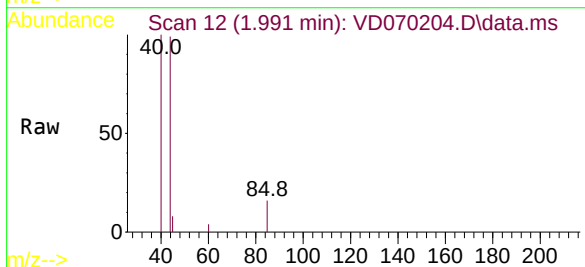
Tgt Ion:168 Resp: 409742
 Ion Ratio Lower Upper
 168 100
 99 62.1 50.3 75.5

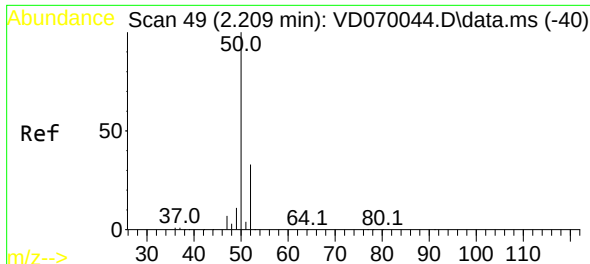


#2

Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.991 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD070204.D
 Acq: 20 Aug 2021 15:49

Tgt Ion: 85 Resp: 713
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.2 48.6#

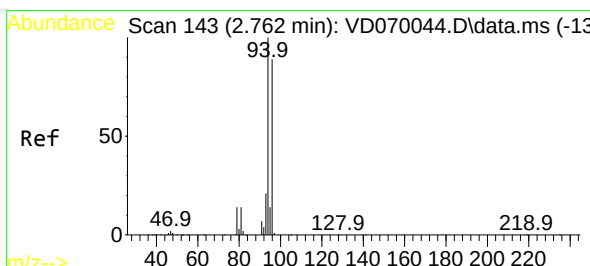
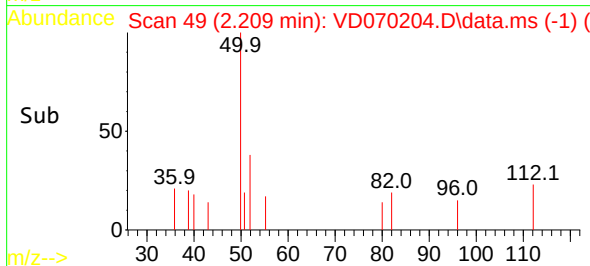
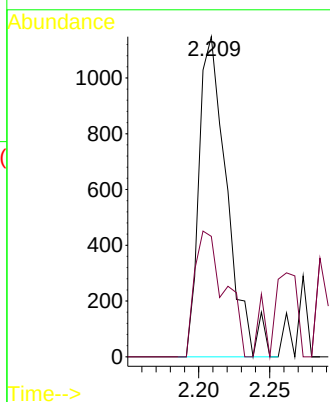
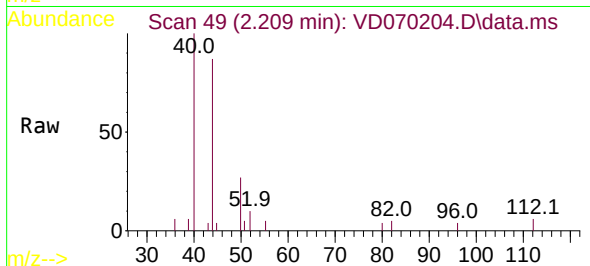




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

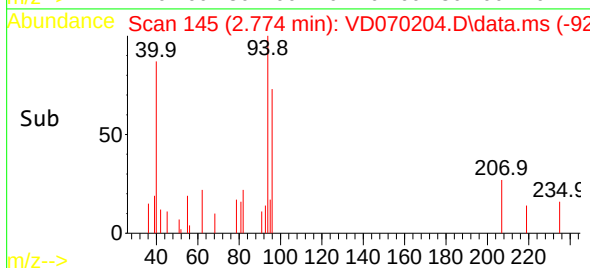
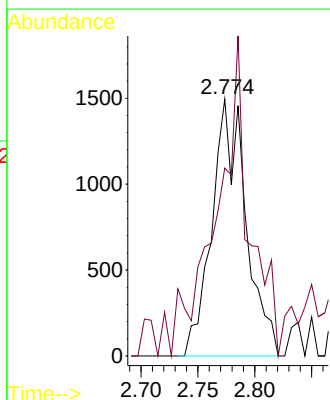
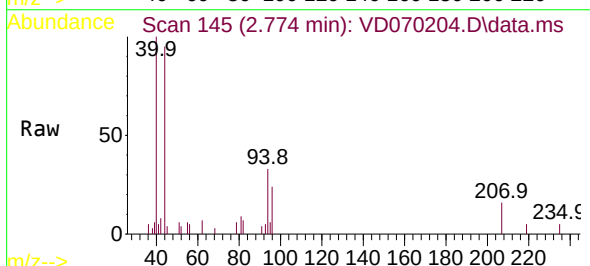
Instrument :
MSVOA_D
ClientSampleId :

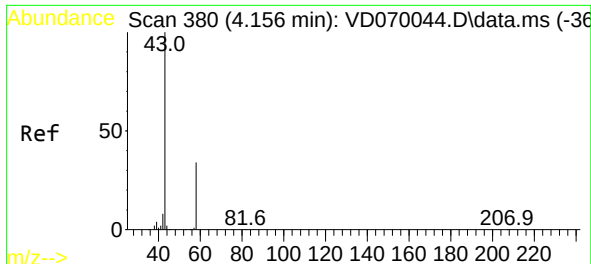
Tgt Ion: 50 Resp: 1574
Ion Ratio Lower Upper
50 100
52 37.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 94 Resp: 3107
Ion Ratio Lower Upper
94 100
96 73.2 70.9 106.3

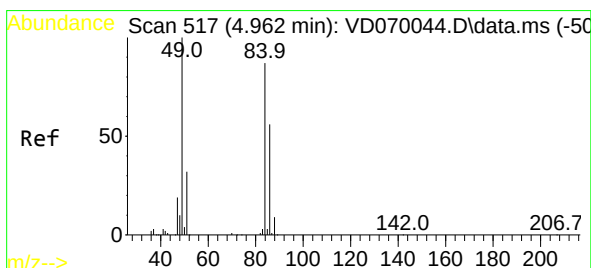
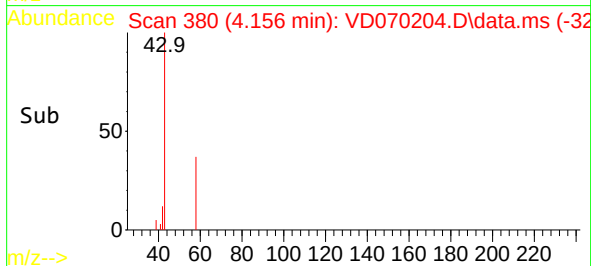
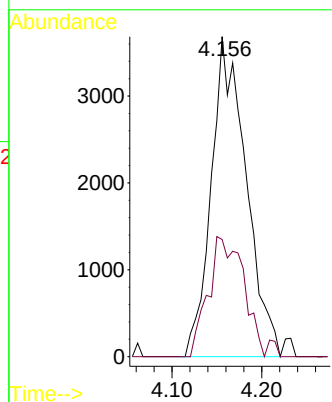
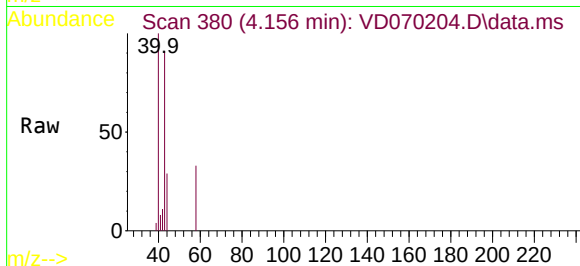




#16
Acetone
Concen: 11.148 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

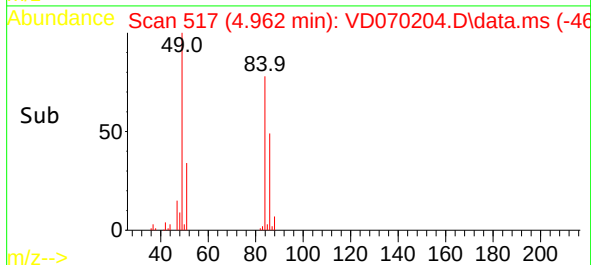
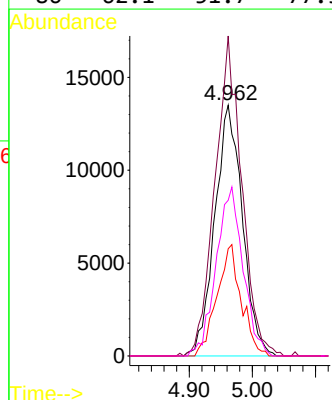
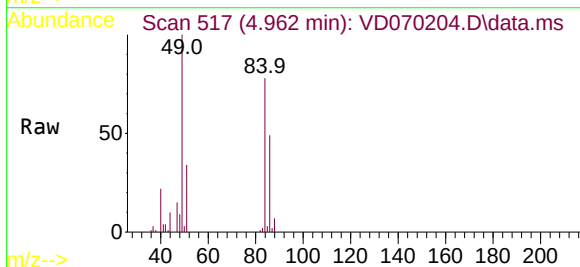
Instrument :
MSVOA_D
ClientSampled :

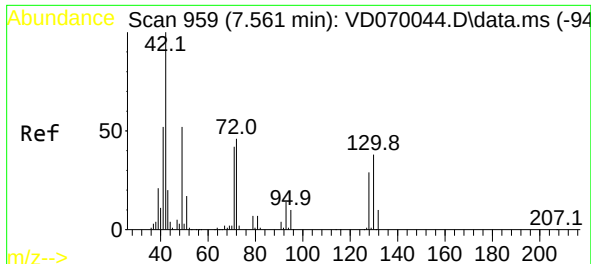
Tgt Ion: 43 Resp: 9897
Ion Ratio Lower Upper
43 100
58 36.6 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 84 Resp: 40995
Ion Ratio Lower Upper
84 100
49 126.5 92.5 138.7
51 42.8 29.7 44.5
86 62.1 51.7 77.5





#29

Tetrahydrofuran

Concen: 1.001 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070204.D

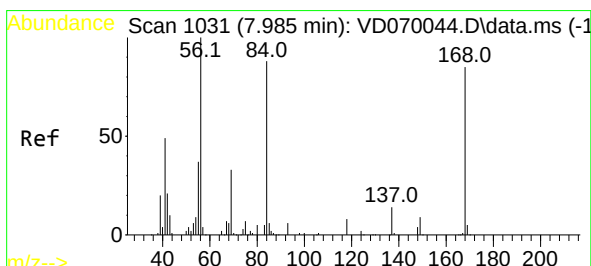
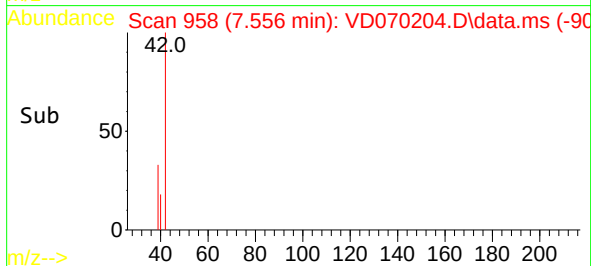
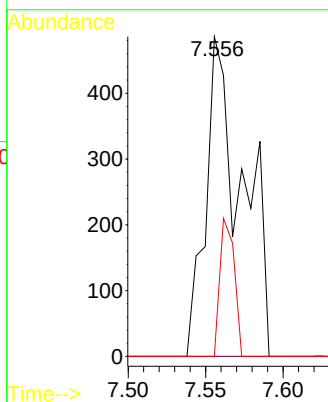
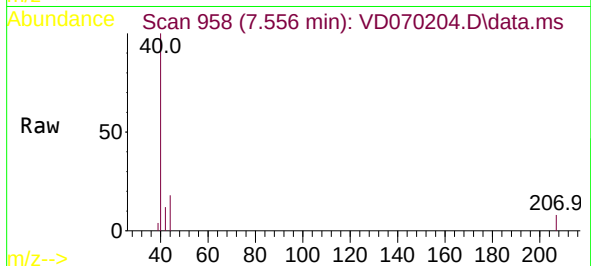
Acq: 20 Aug 2021 15:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	795
Ion Ratio	Lower	Upper	
42	100		
72	0.0	37.5	56.3#
71	17.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.060 ug/l

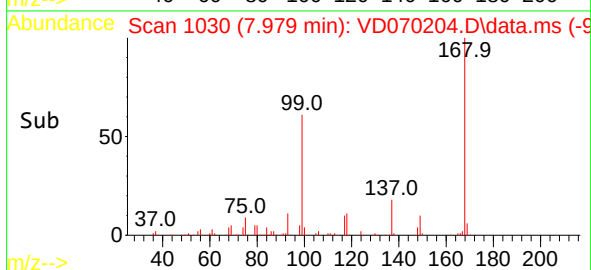
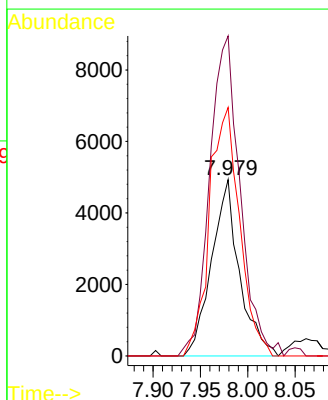
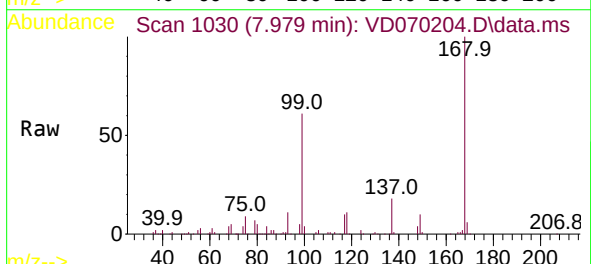
RT: 7.979 min Scan# 1030

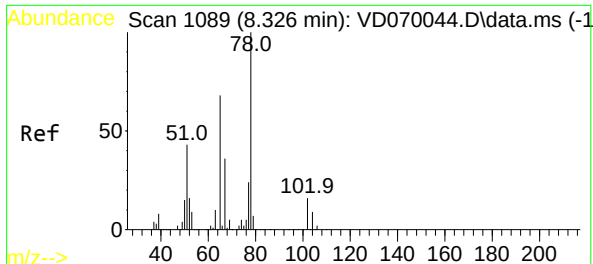
Delta R.T. -0.006 min

Lab File: VD070204.D

Acq: 20 Aug 2021 15:49

Tgt Ion:	56	Resp:	10109
Ion Ratio	Lower	Upper	
56	100		
69	181.6	26.7	40.1#
84	141.0	70.4	105.6#

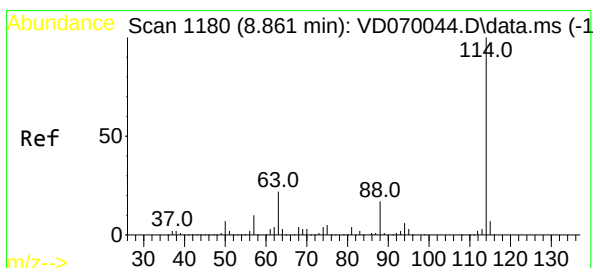
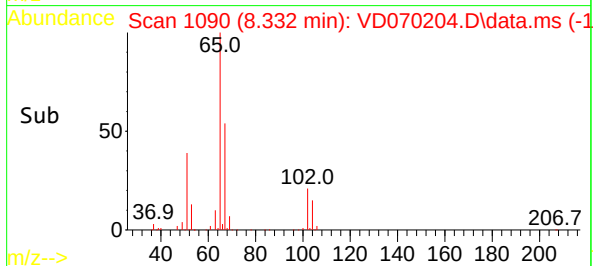
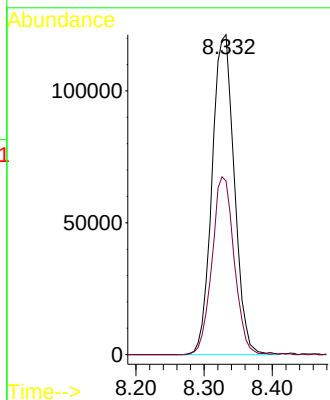
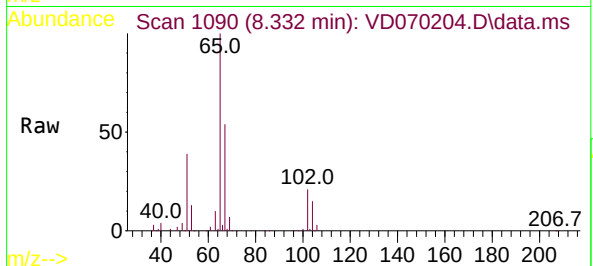




#33
1,2-Dichloroethane-d4
Concen: 57.283 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

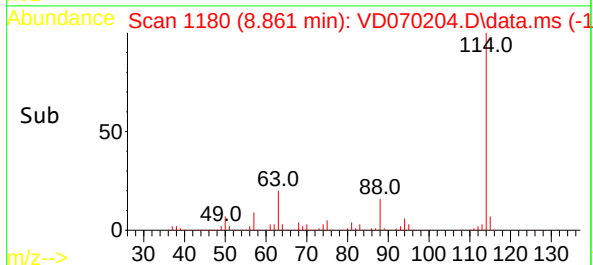
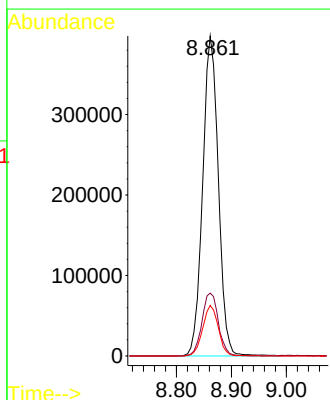
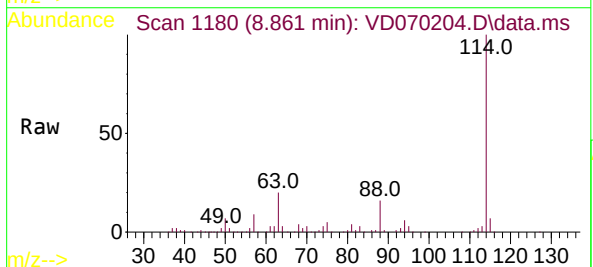
Instrument :
MSVOA_D
ClientSampled :

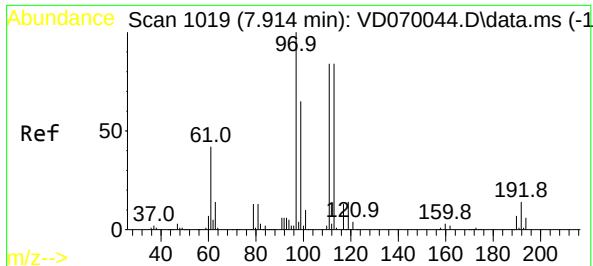
Tgt Ion: 65 Resp: 276061
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 114 Resp: 788464
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 15.8 0.0 33.4



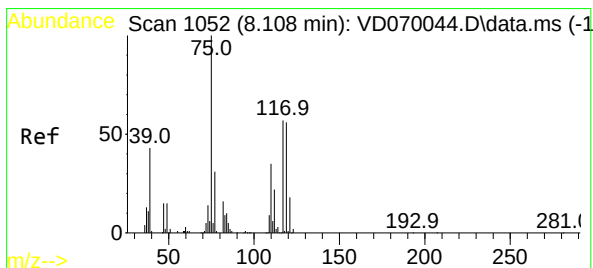
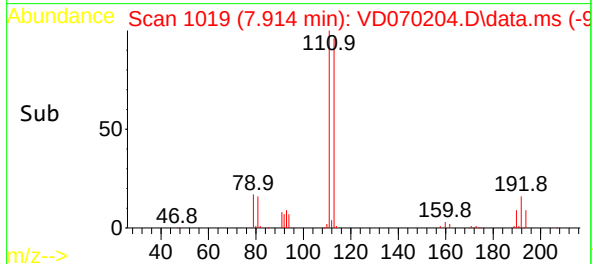
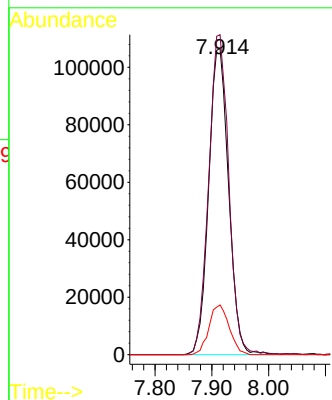
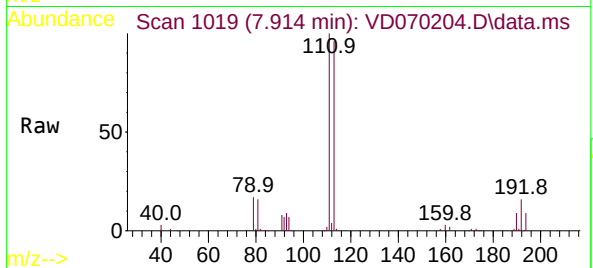


#35

Dibromofluoromethane
Concen: 50.898 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Instrument :
MSVOA_D
ClientSampled :

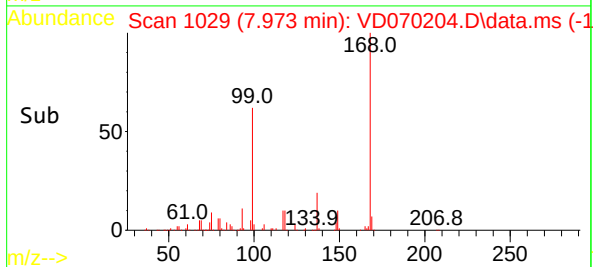
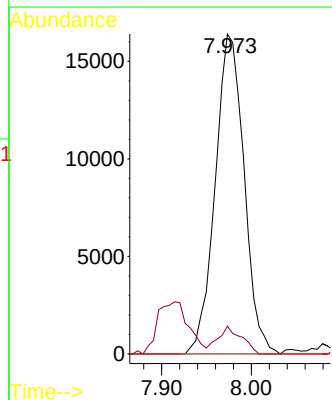
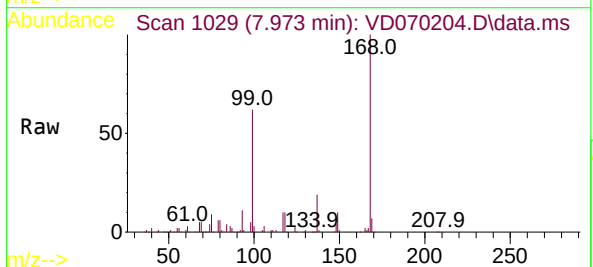
Tgt Ion:113 Resp: 259275
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 16.5 13.2 19.8

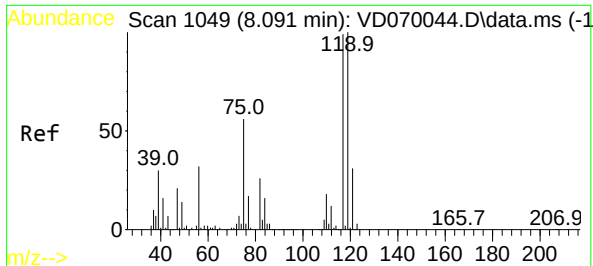


#36

1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

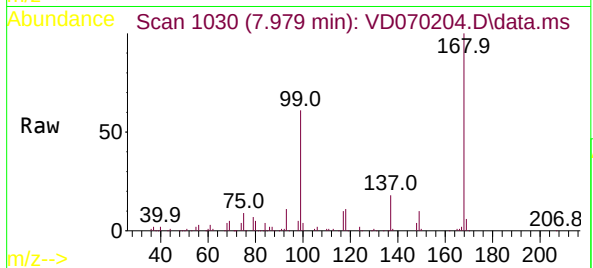
Tgt Ion: 75 Resp: 36671
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.7#
77 0.0 25.2 37.8#



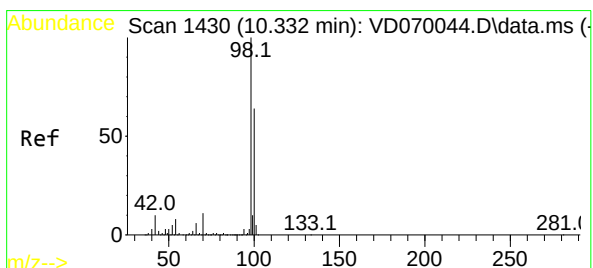
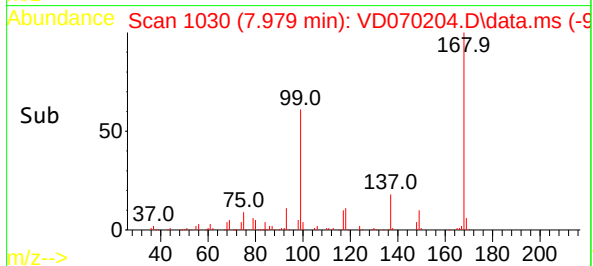
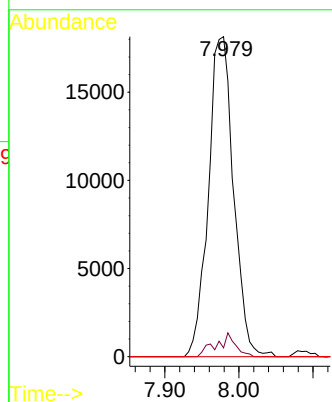


#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Instrument :
MSVOA_D
ClientSampled :

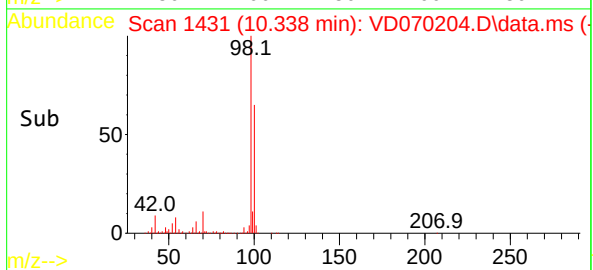
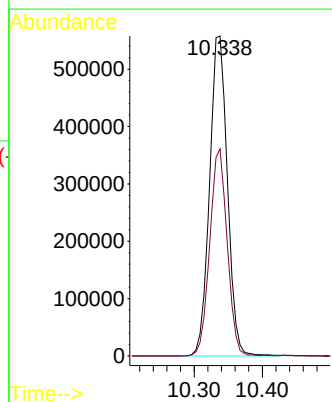
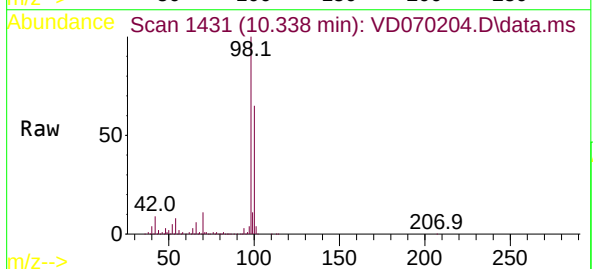


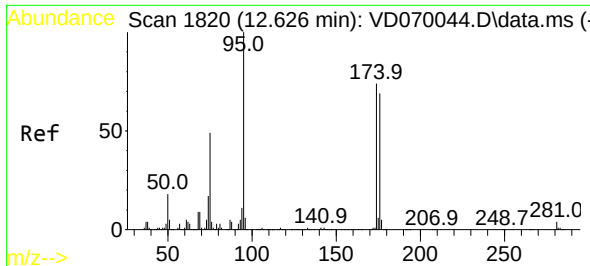
Tgt Ion:117 Resp: 42897
Ion Ratio Lower Upper
117 100
119 2.7 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.339 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 98 Resp: 1017169
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8

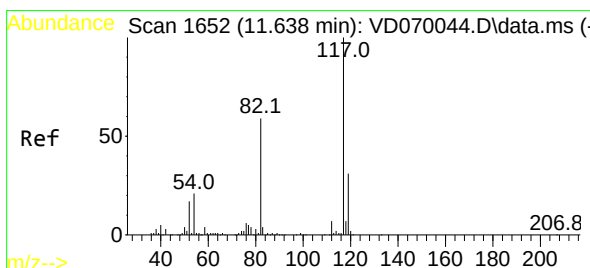
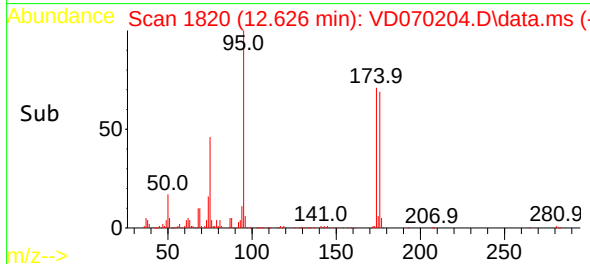
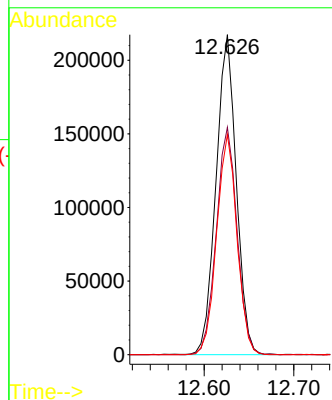
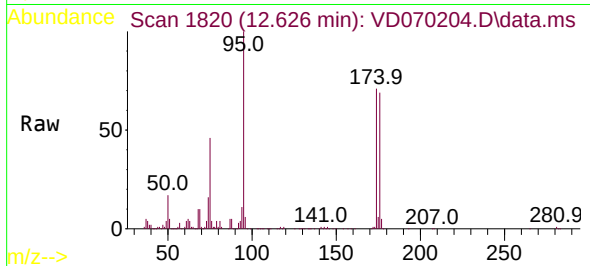




#62
4-Bromofluorobenzene
Concen: 52.320 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

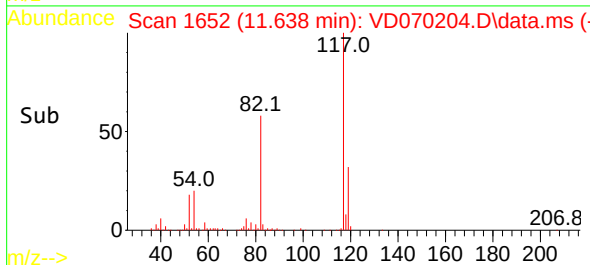
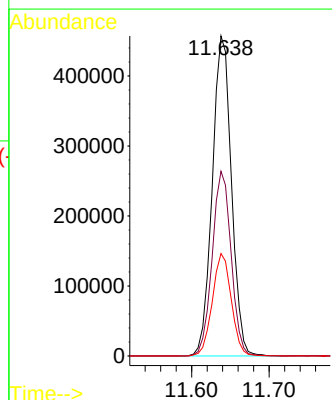
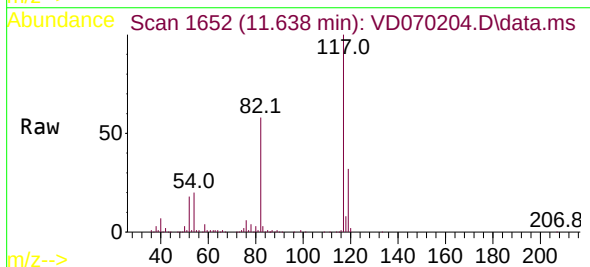
Instrument :
MSVOA_D
ClientSampleId :

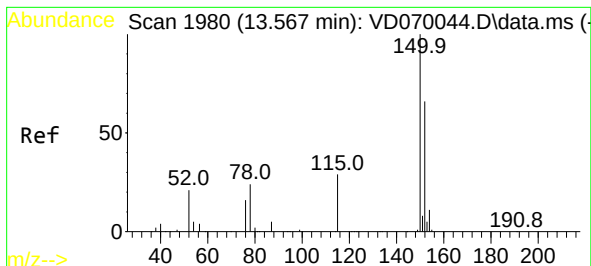
Tgt Ion: 95 Resp: 341433
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 68.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 117 Resp: 784290
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 32.0 25.1 37.7

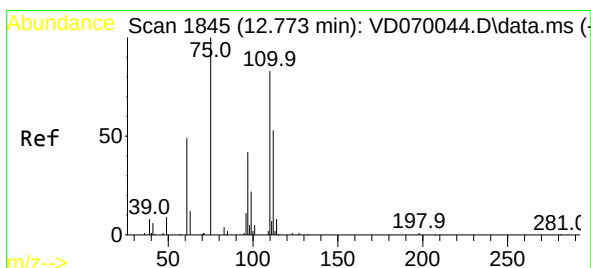
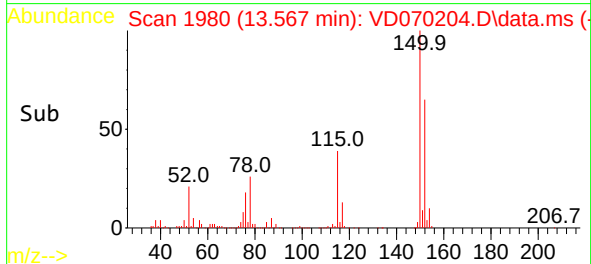
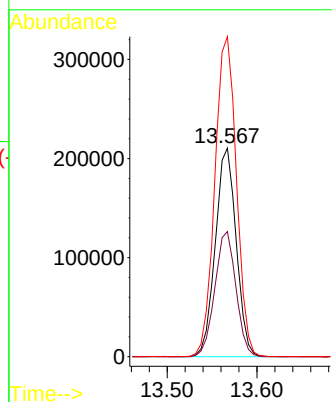
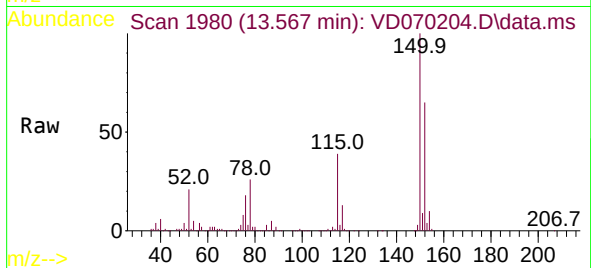




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

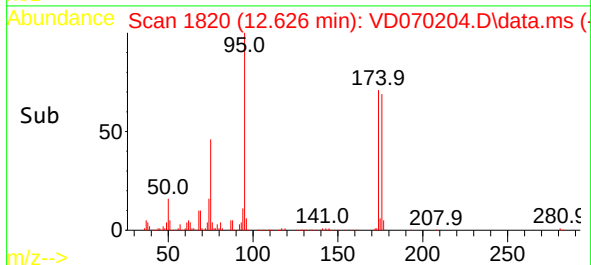
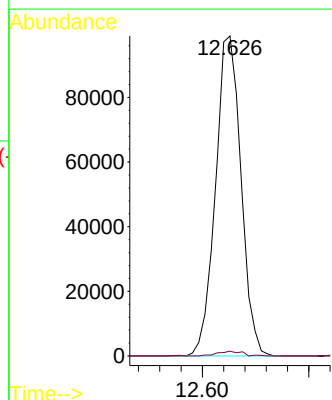
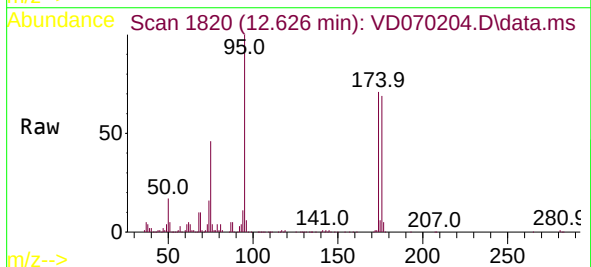
Instrument :
MSVOA_D
ClientSampled :

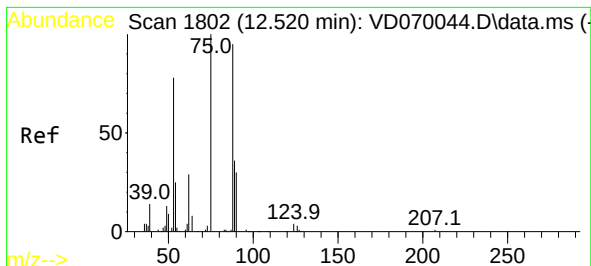
Tgt Ion:152 Resp: 340346
Ion Ratio Lower Upper
152 100
115 60.6 31.2 93.6
150 158.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.592 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070204.D
Acq: 20 Aug 2021 15:49

Tgt Ion: 75 Resp: 164269
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.533 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070204.D
 Acq: 20 Aug 2021 15:49

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 164269

Ion	Ratio	Lower	Upper
75	100		
53	0.4	64.5	96.7#
89	0.1	33.7	50.5#

