

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070207.D
 Acq On : 20 Aug 2021 17:16
 Operator : VA/SY
 Sample : M3463-01
 Misc : 2.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

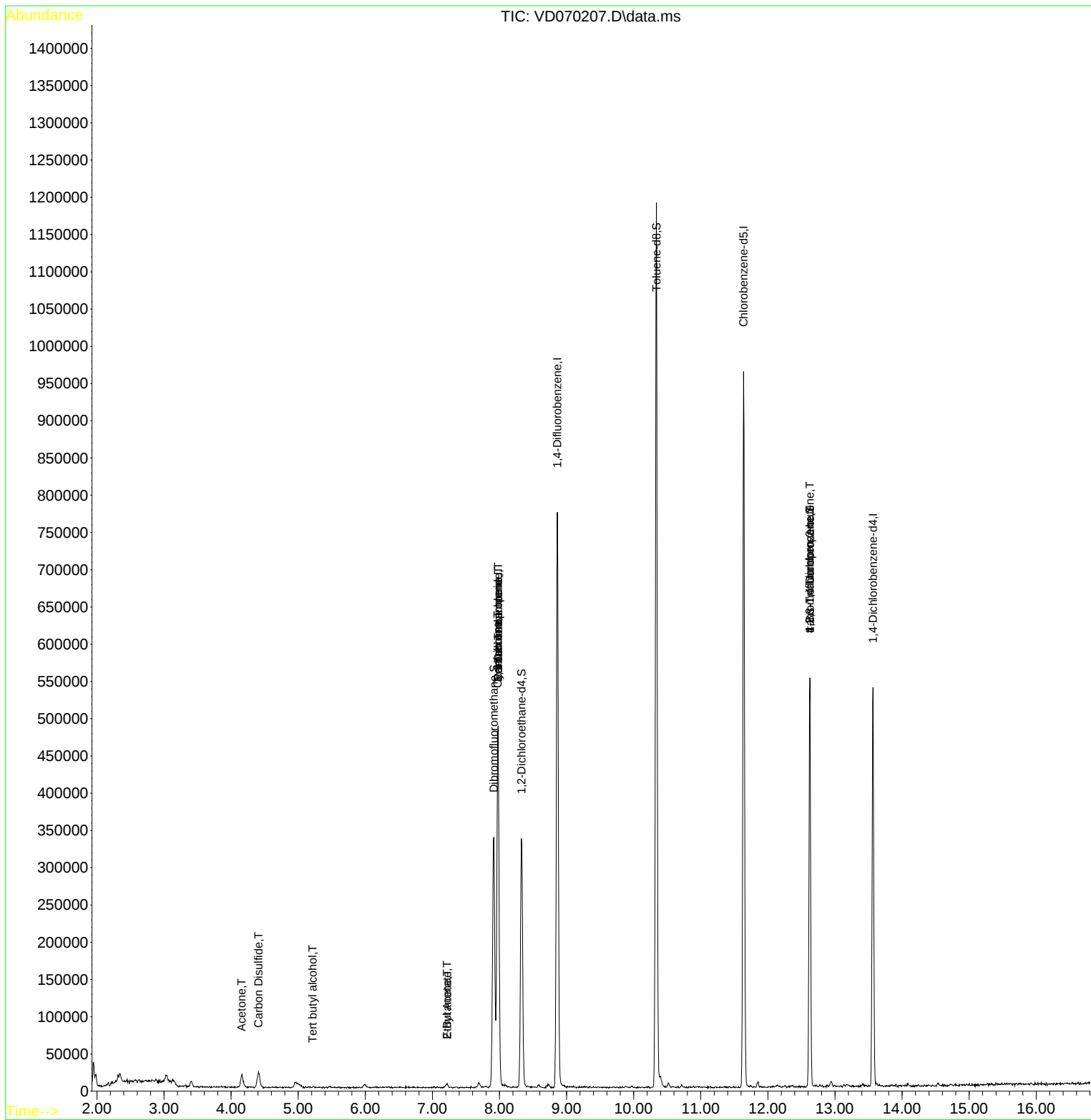
Quant Time: Aug 23 03:54:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

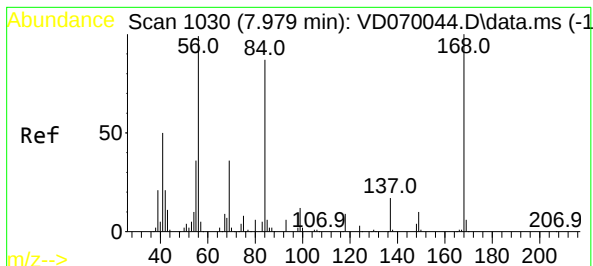
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	345445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	144791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262427	64.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.180%	
35) Dibromofluoromethane	7.914	113	247120	58.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.360%	
50) Toluene-d8	10.338	98	809648	49.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.626	95	184352	34.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.340%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	163	Below Cal	#	42
3) Chloromethane	2.209	50	927	Below Cal	#	85
5) Bromomethane	2.773	94	881	Below Cal	#	81
11) Tert butyl alcohol	5.215	59	940	4.186	ug/l #	71
16) Acetone	4.156	43	27938	37.327	ug/l	92
17) Carbon Disulfide	4.409	76	42679	2.876	ug/l	96
20) Methylene Chloride	4.967	84	5051	Below Cal		87
25) 2-Butanone	7.220	43	5674	5.548	ug/l	93
31) Cyclohexane	7.973	56	8669	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	30510	4.351	ug/l #	49
37) Ethyl Acetate	7.220	43	5674	2.228	ug/l #	83
38) Carbon Tetrachloride	7.979	117	36353	5.711	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	92635	63.087	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	92635	163.749	ug/l #	18

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

Quant Time: Aug 23 03:54:19 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

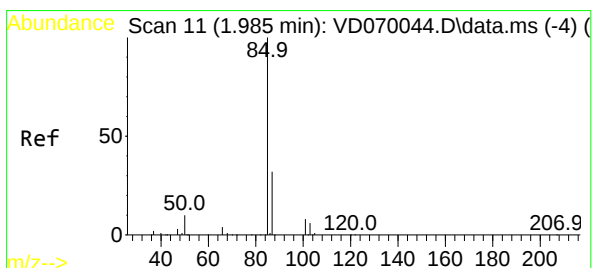
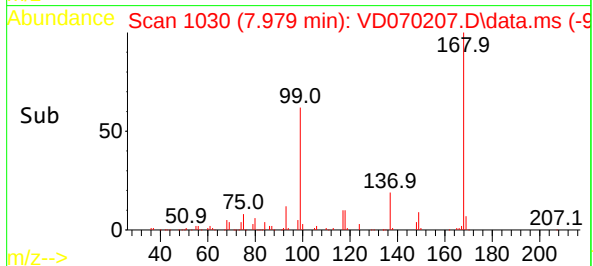
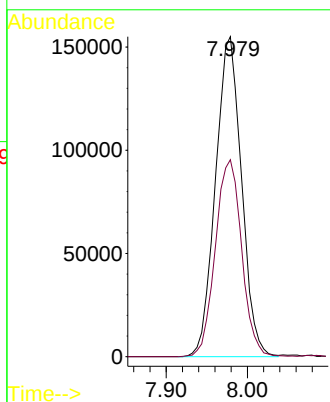
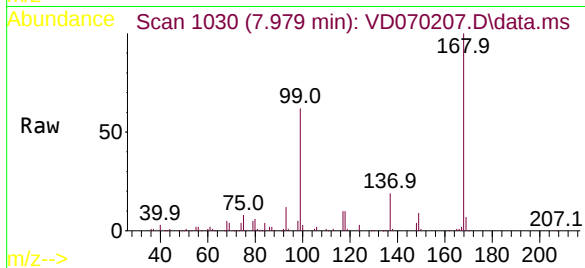




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

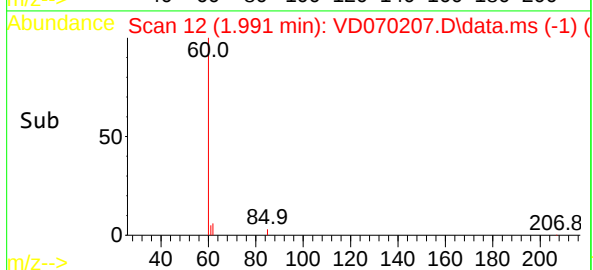
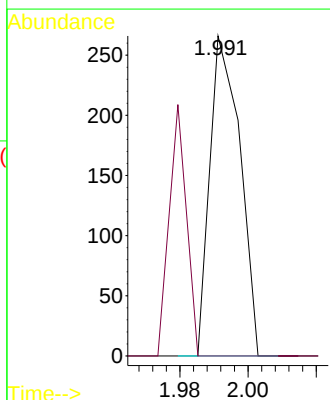
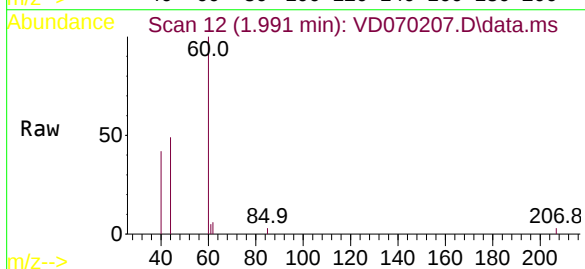
Instrument :
MSVOA_D
ClientSampleId :

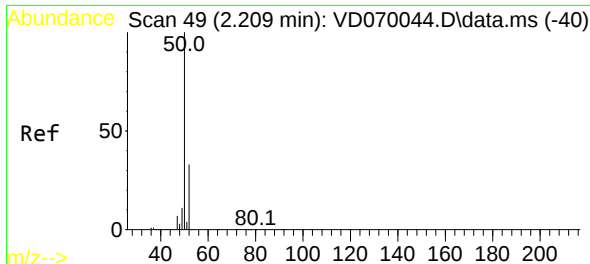
Tgt Ion:168 Resp: 345445
Ion Ratio Lower Upper
168 100
99 61.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 85 Resp: 163
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

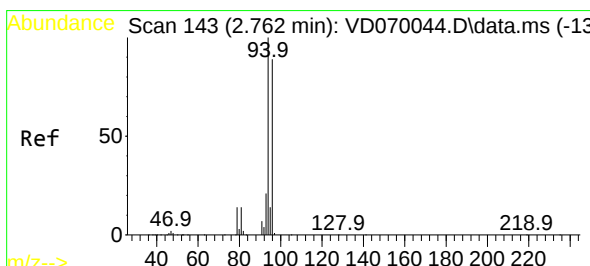
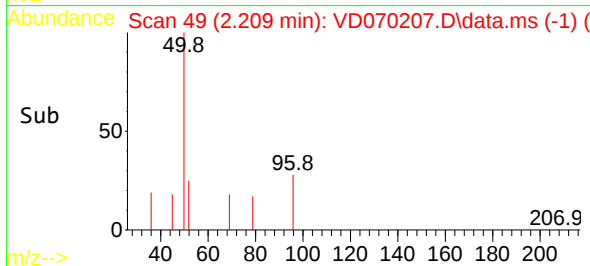
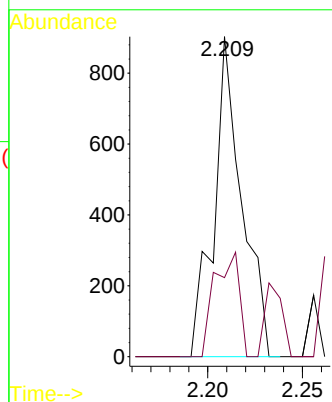
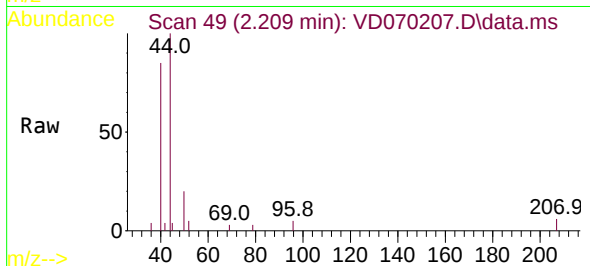




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

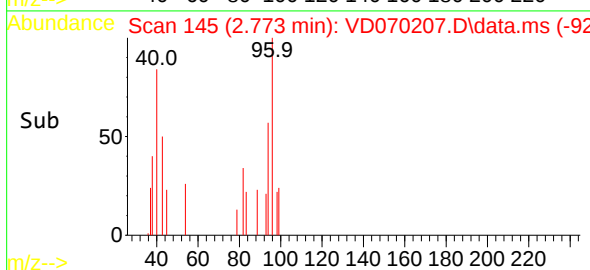
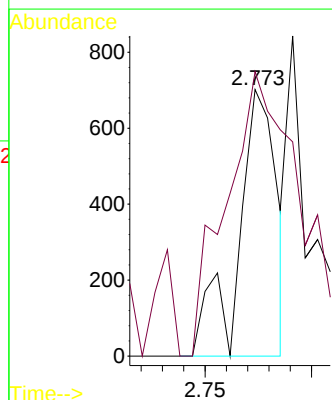
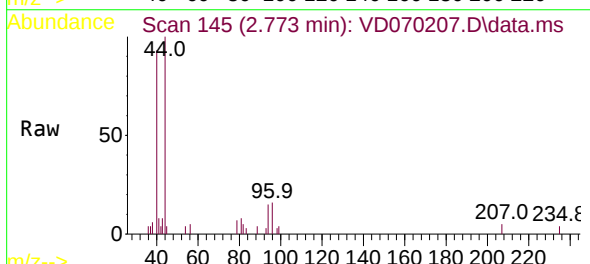
Instrument :
MSVOA_D
ClientSampled :

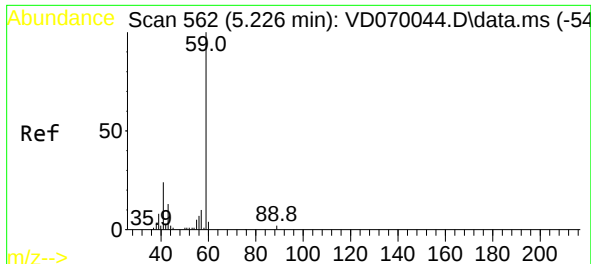
Tgt Ion: 50 Resp: 927
Ion Ratio Lower Upper
50 100
52 24.7 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 106.7 70.9 106.3#



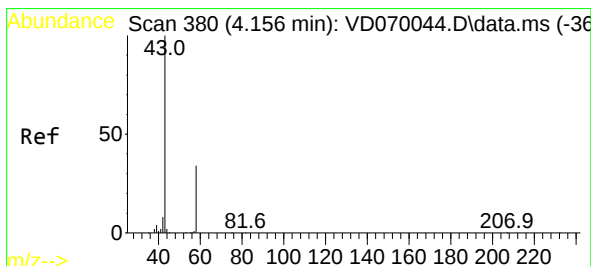
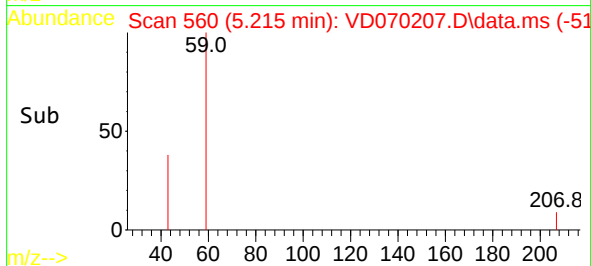
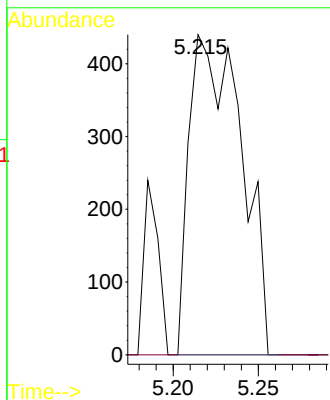
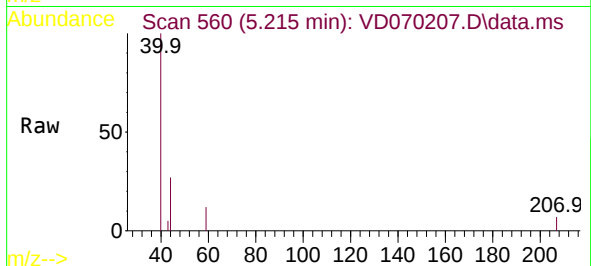


#11

Tert butyl alcohol
Concen: 4.186 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Instrument :
MSVOA_D
ClientSampled :

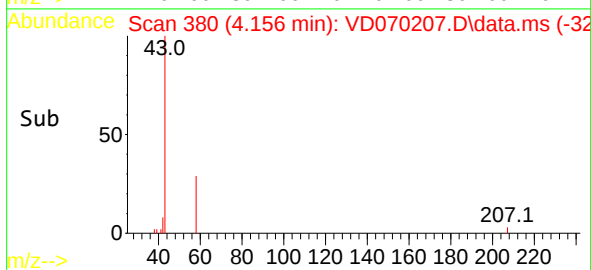
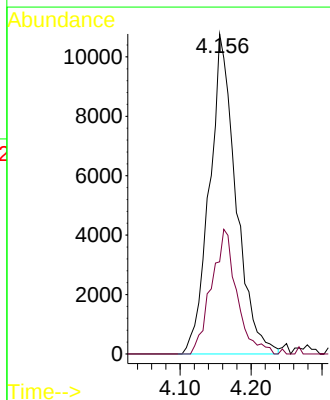
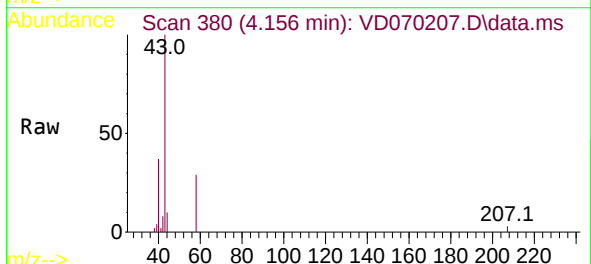
Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

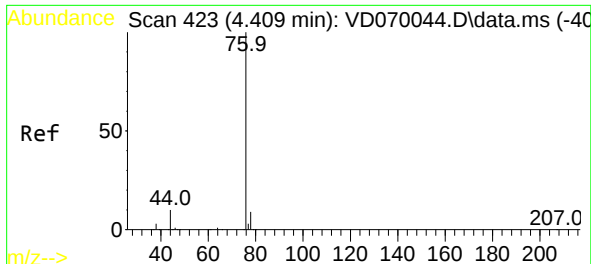


#16

Acetone
Concen: 37.327 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

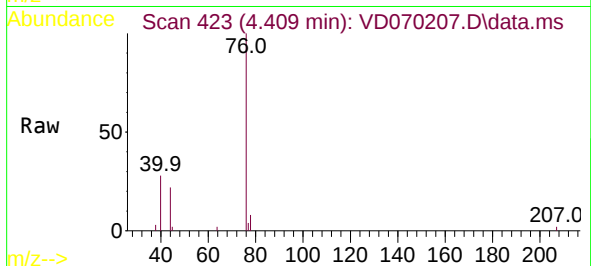
Tgt Ion: 43 Resp: 27938
Ion Ratio Lower Upper
43 100
58 28.8 26.8 40.2



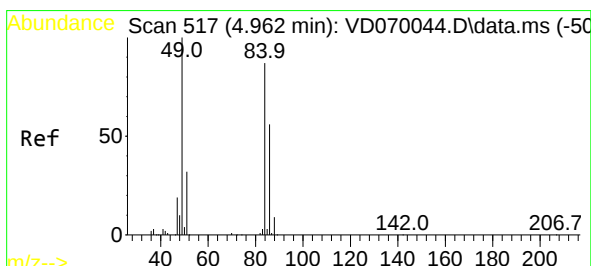
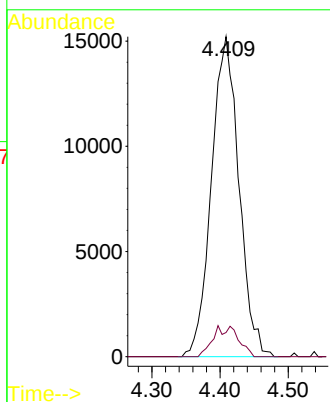
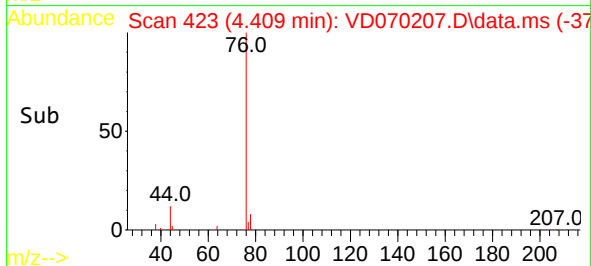


#17
Carbon Disulfide
Concen: 2.876 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

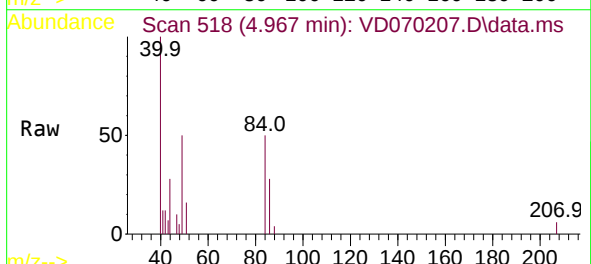
Instrument :
MSVOA_D
ClientSampled :



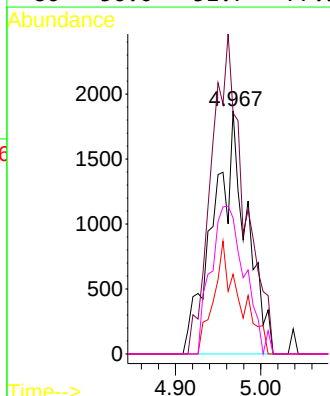
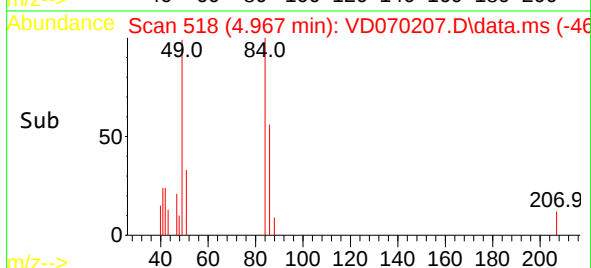
Tgt Ion: 76 Resp: 42679
Ion Ratio Lower Upper
76 100
78 7.6 7.1 10.7

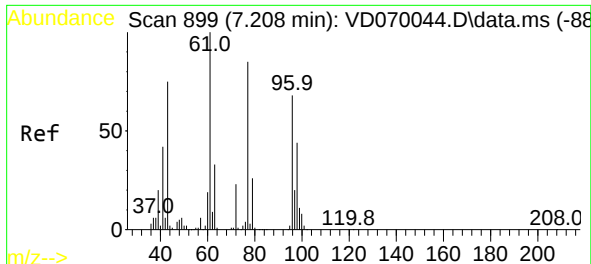


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16



Tgt Ion: 84 Resp: 5051
Ion Ratio Lower Upper
84 100
49 99.2 92.5 138.7
51 32.8 29.7 44.5
86 56.0 51.7 77.5

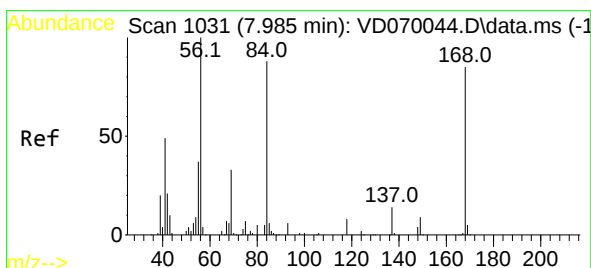
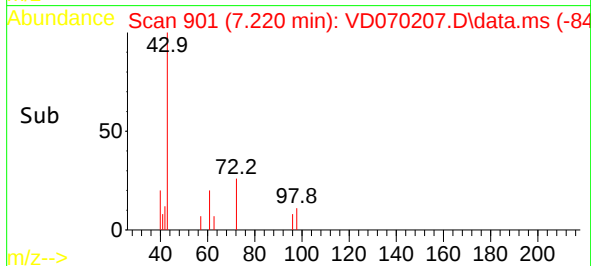
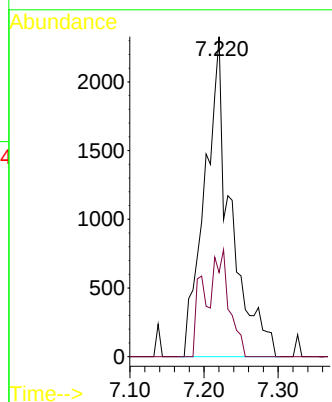
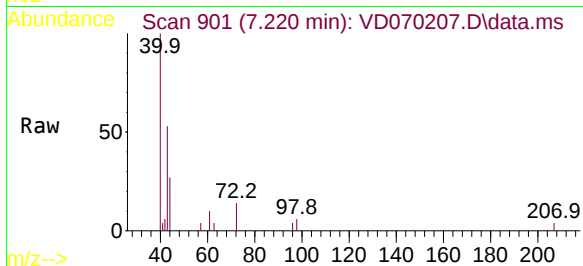




#25
2-Butanone
Concen: 5.548 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

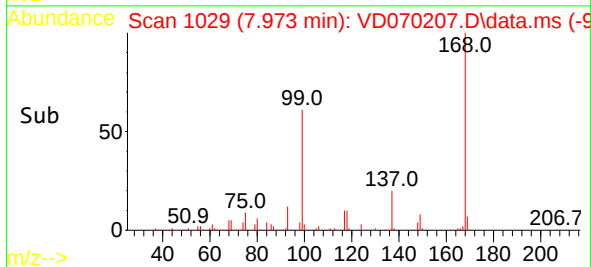
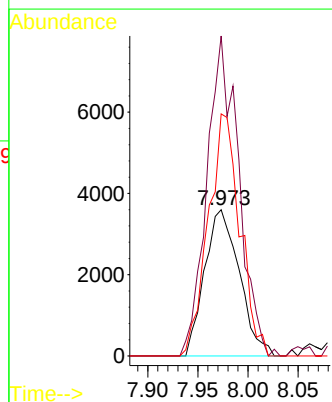
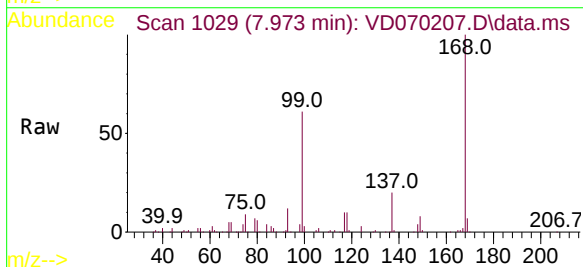
Instrument :
MSVOA_D
ClientSampled :

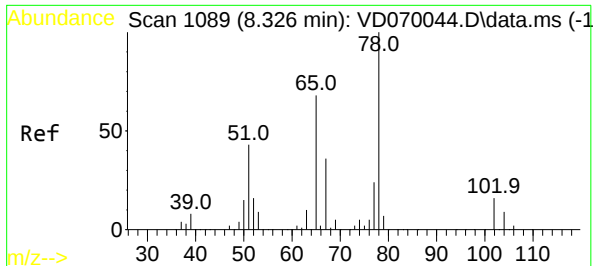
Tgt Ion: 43 Resp: 5674
Ion Ratio Lower Upper
43 100
72 26.3 24.2 36.4



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 56 Resp: 8669
Ion Ratio Lower Upper
56 100
69 218.8 26.7 40.1#
84 165.5 70.4 105.6#

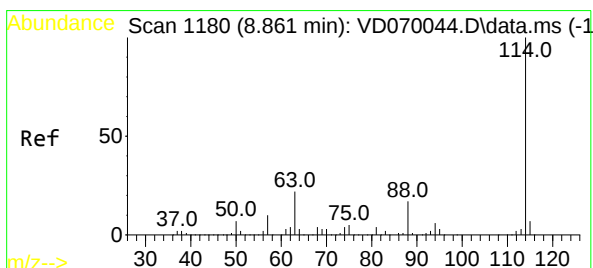
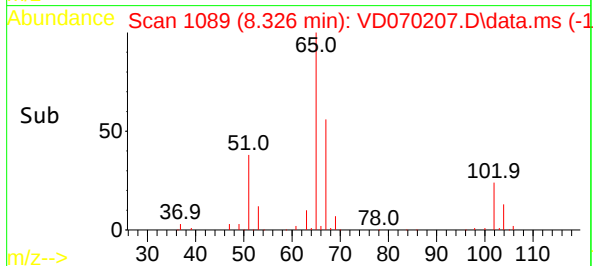
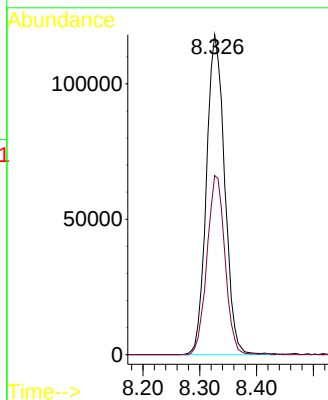
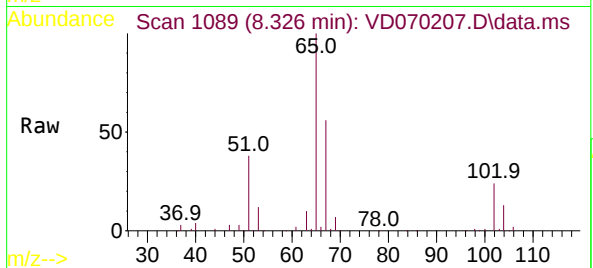




#33
1,2-Dichloroethane-d4
Concen: 64.590 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

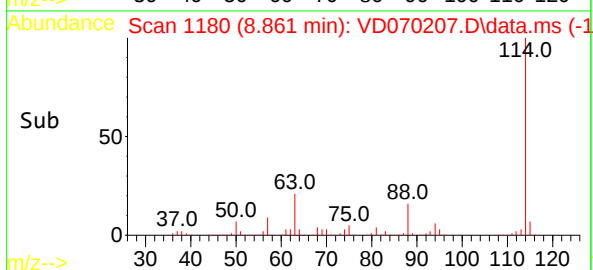
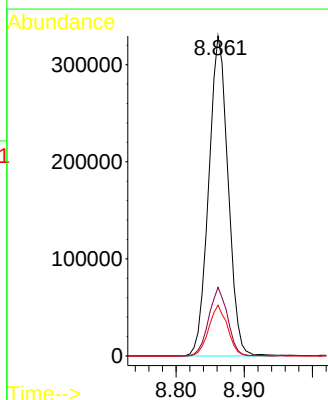
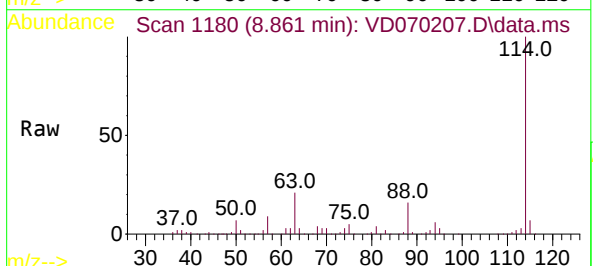
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ClientSampleId :

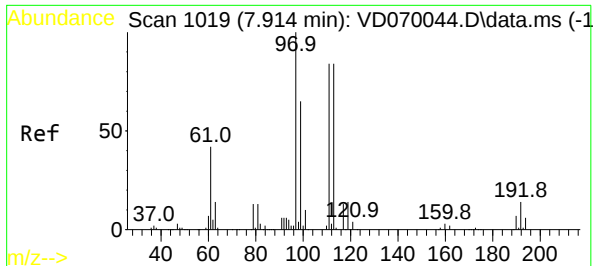
Tgt Ion: 65 Resp: 262427
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 114 Resp: 651808
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.6
88 15.8 0.0 33.4



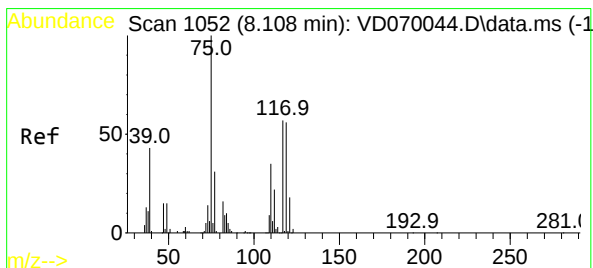
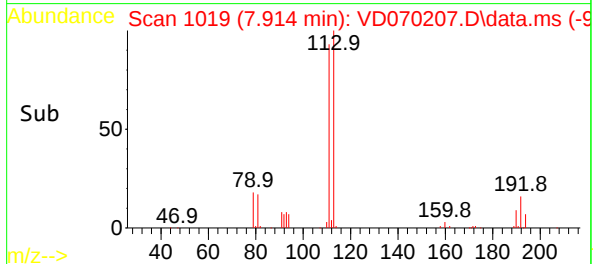
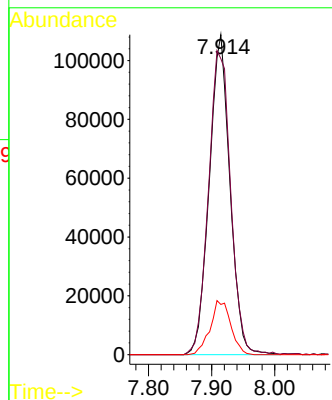
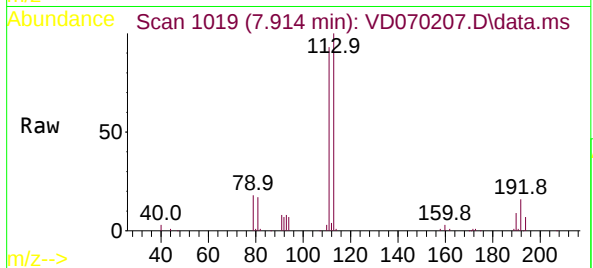


#35

Dibromofluoromethane
Concen: 58.683 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

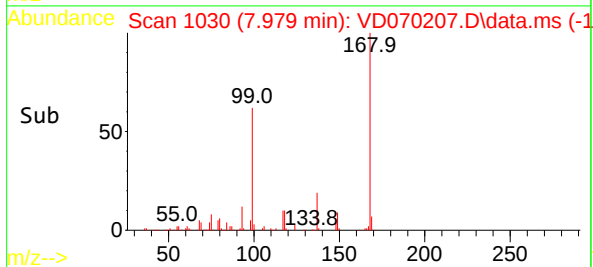
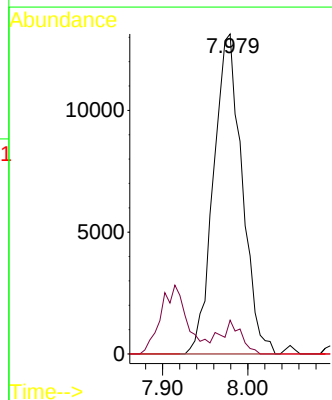
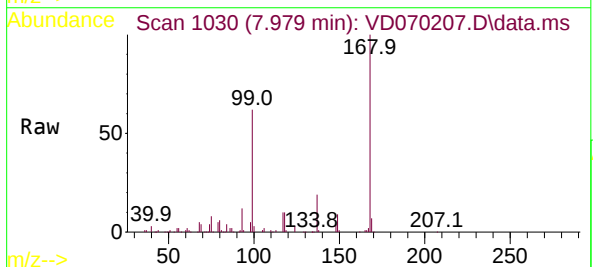
Tgt Ion:113 Resp: 247120
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.8 13.2 19.8

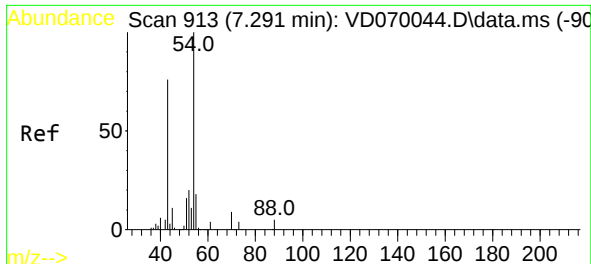


#36

1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 75 Resp: 30510
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 2.228 ug/l

RT: 7.220 min Scan# 901

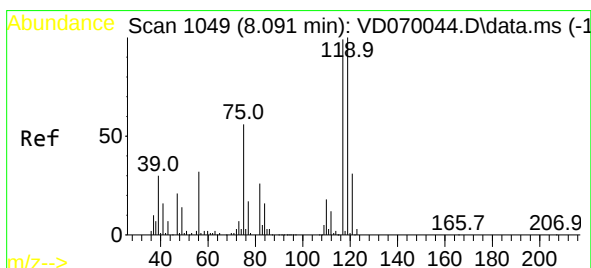
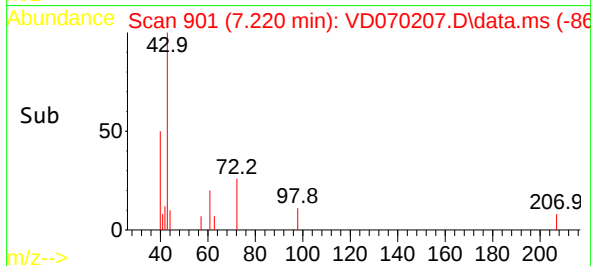
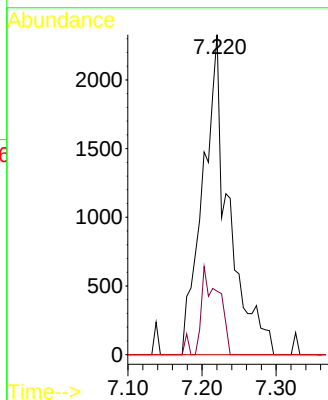
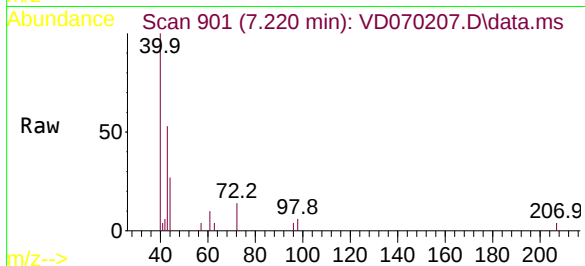
Delta R.T. -0.071 min

Lab File: VD070207.D

Acq: 20 Aug 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 5674
Ion Ratio	Lower Upper
43 100	
61 17.8	11.8 17.6#
70 0.0	9.0 13.6#



#38

Carbon Tetrachloride

Concen: 5.711 ug/l

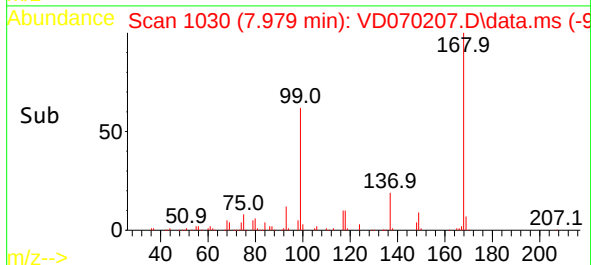
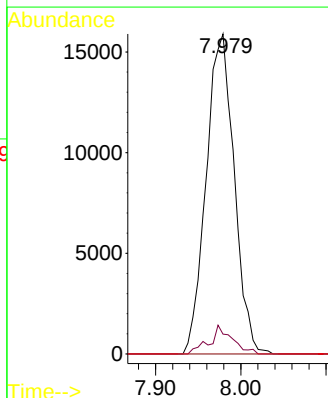
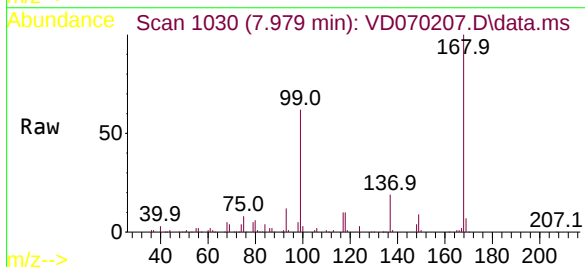
RT: 7.979 min Scan# 1030

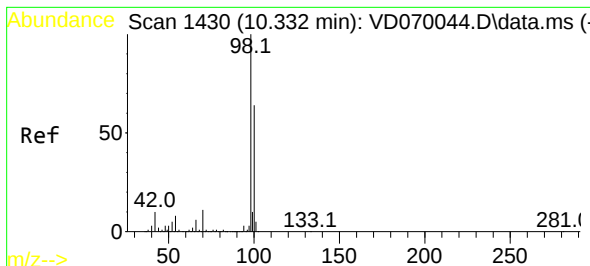
Delta R.T. -0.112 min

Lab File: VD070207.D

Acq: 20 Aug 2021 17:16

Tgt Ion: 117	Resp: 36353
Ion Ratio	Lower Upper
117 100	
119 6.2	81.0 121.6#
121 0.0	25.0 37.6#

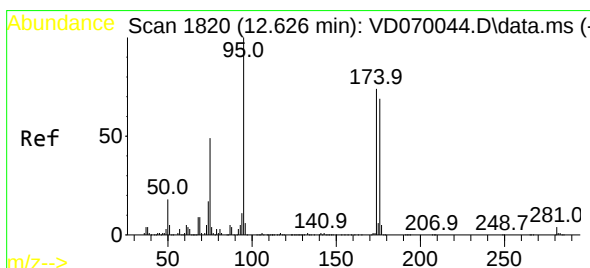
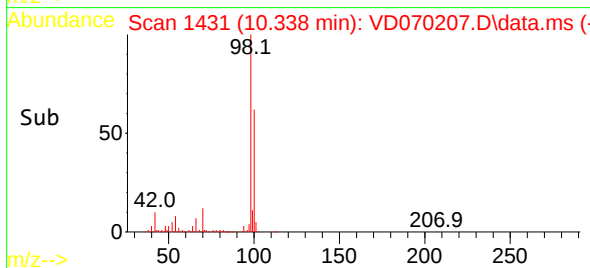
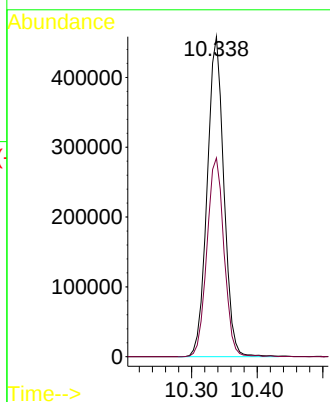
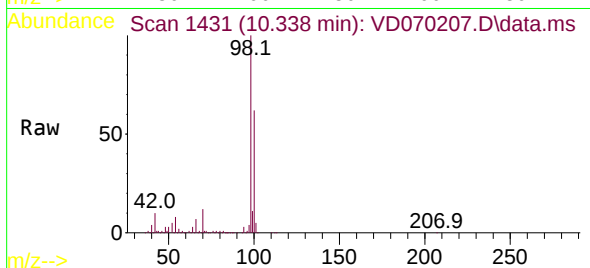




#50
Toluene-d8
Concen: 49.432 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

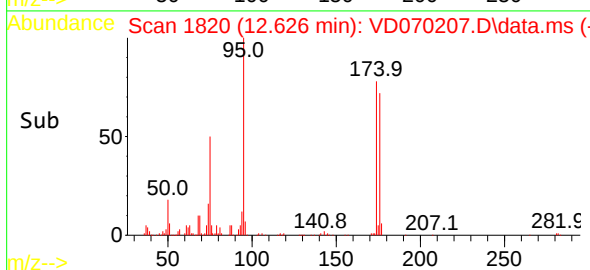
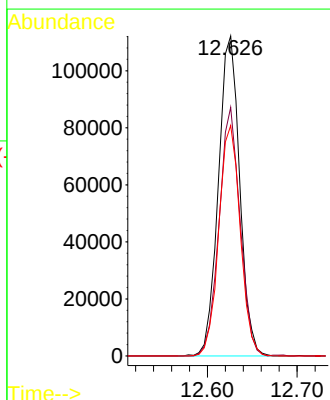
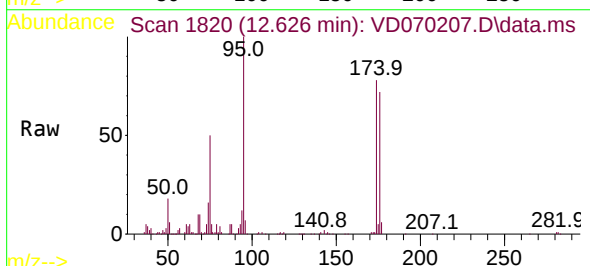
Instrument :
MSVOA_D
ClientSampled :

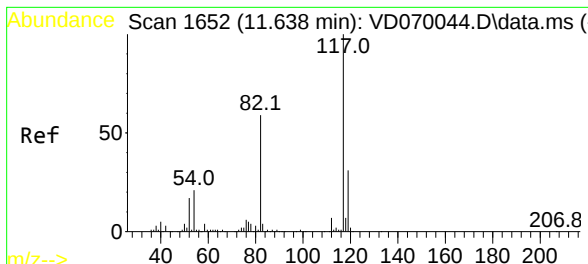
Tgt Ion: 98 Resp: 809648
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 34.172 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 95 Resp: 184352
Ion Ratio Lower Upper
95 100
174 76.6 0.0 141.6
176 72.5 0.0 138.2

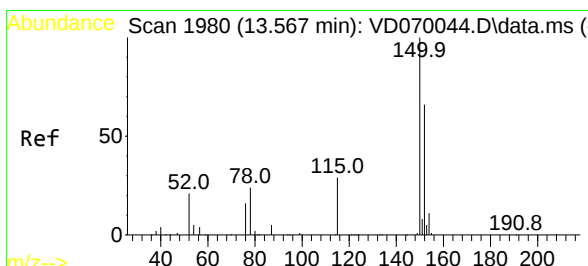
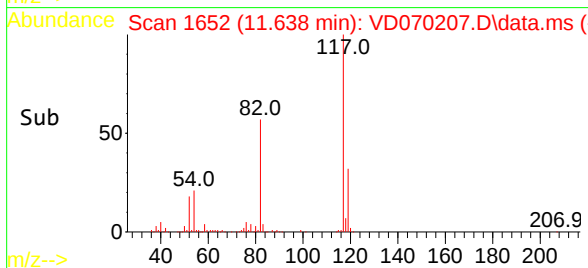
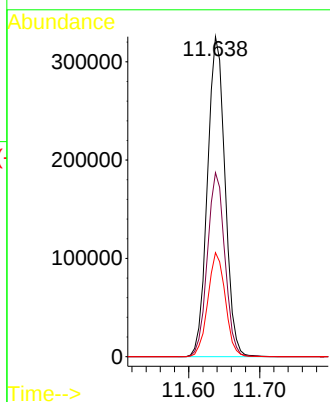
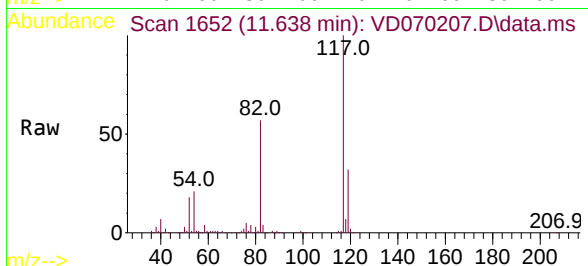




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

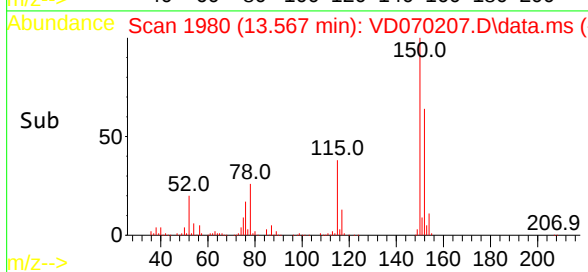
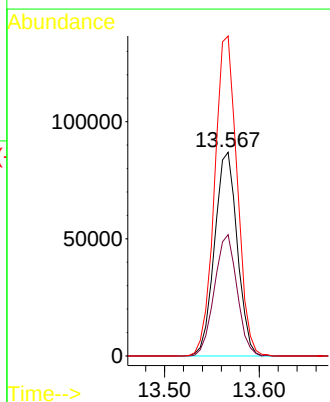
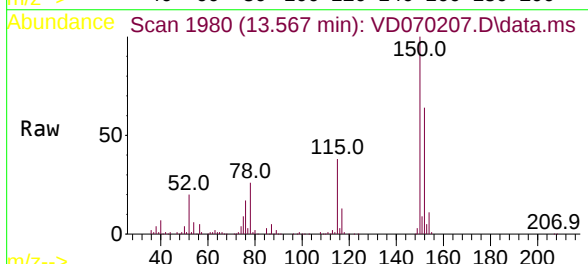
Instrument :
MSVOA_D
ClientSampleId :

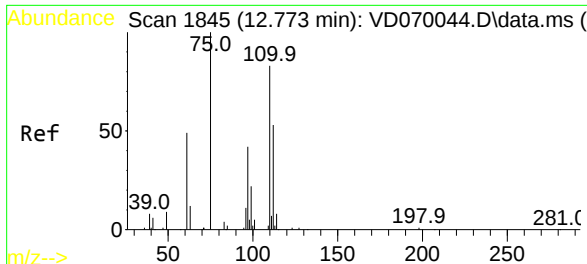
Tgt Ion:	117	Resp:	559254
Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.5	71.3
119	32.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion:	152	Resp:	144791
Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.2	93.6
150	156.0	0.0	352.0

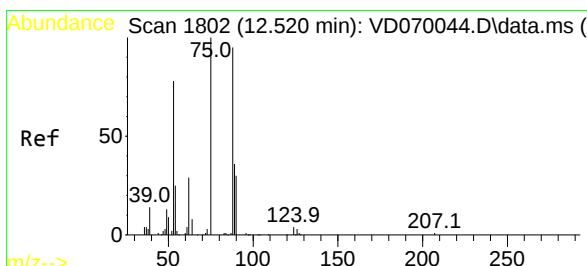
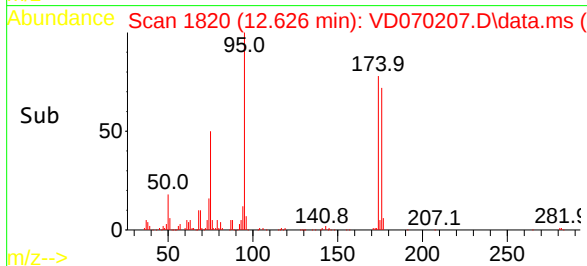
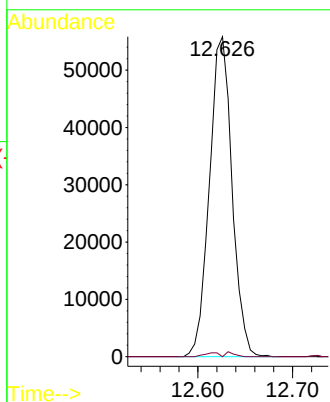
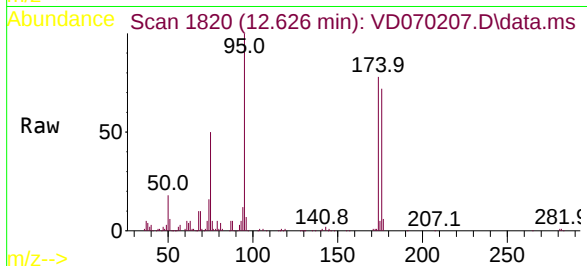




#76
1,2,3-Trichloropropane
Concen: 63.087 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 92635
Ion Ratio Lower Upper
75 100
77 0.6 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.749 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070207.D
Acq: 20 Aug 2021 17:16

Tgt Ion: 75 Resp: 92635
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

