

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070221.D
 Acq On : 23 Aug 2021 14:55
 Operator : VA/SY
 Sample : M3463-29
 Misc : 7.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 01:31:15 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)

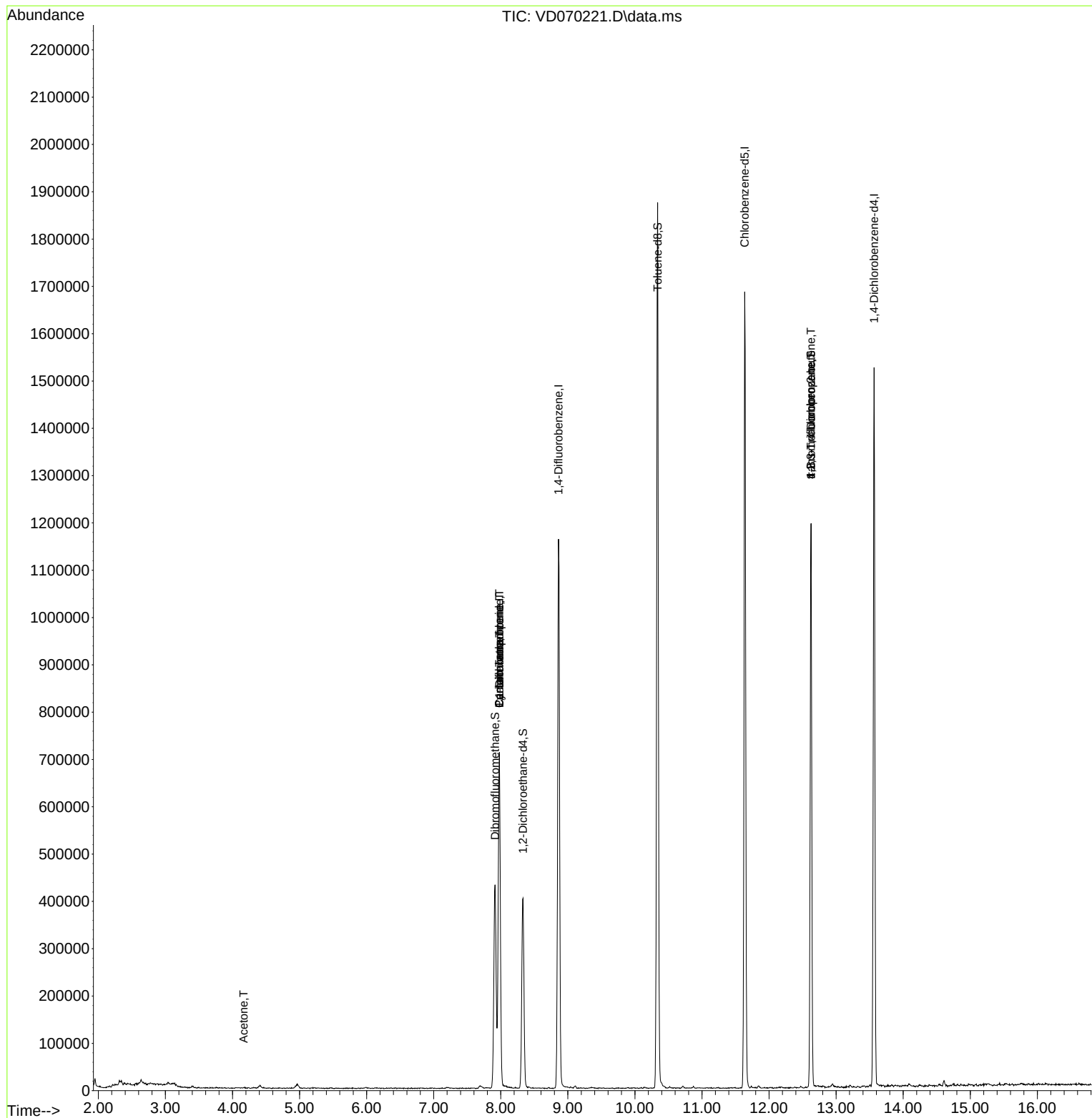
Internal Standards						
1) Pentafluorobenzene	7.979	168	486948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	980677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	959717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	391513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	322836	56.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.740%	
35) Dibromofluoromethane	7.914	113	322309	50.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.337	98	1276917	51.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.626	95	407932	50.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.520%	
Target Compounds						
2) Dichlorodifluoromethane	1.985	85	628	Below Cal	#	42
3) Chloromethane	2.203	50	1179	Below Cal		97
5) Bromomethane	2.773	94	2529	Below Cal		98
16) Acetone	4.167	43	1492	1.414	ug/l #	53
20) Methylene Chloride	4.955	84	5757	Below Cal	#	87
31) Cyclohexane	7.979	56	12395	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	46600	4.417	ug/l #	48
38) Carbon Tetrachloride	7.979	117	53168	5.551	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	202543	51.012	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	202543	132.409	ug/l #	18

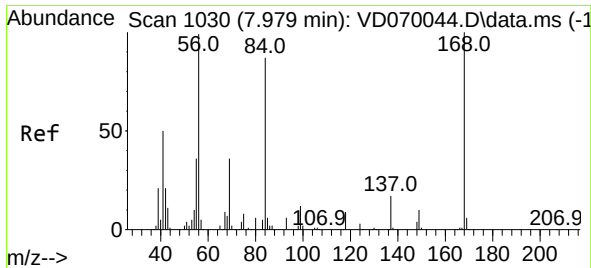
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

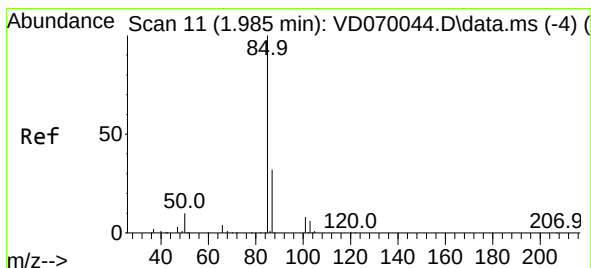
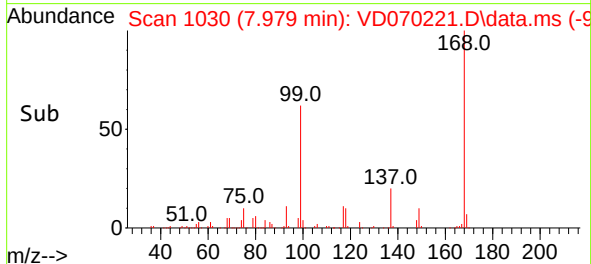
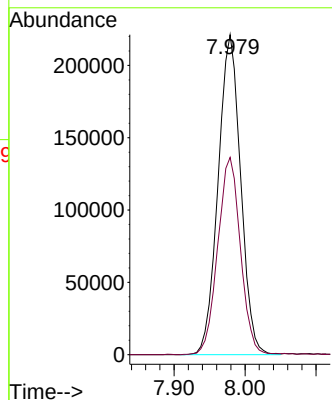
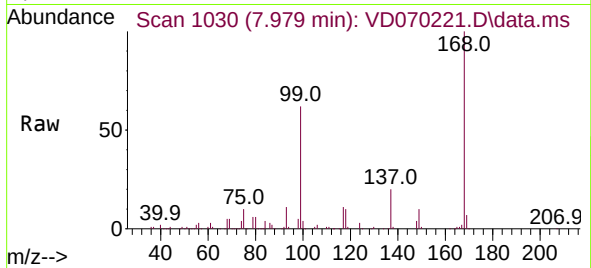




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

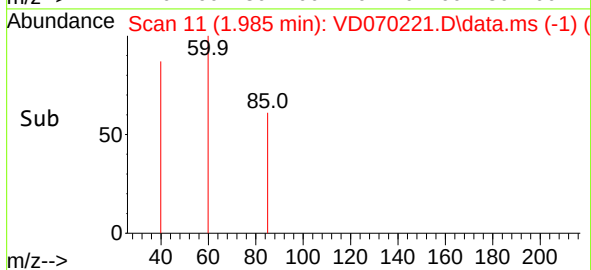
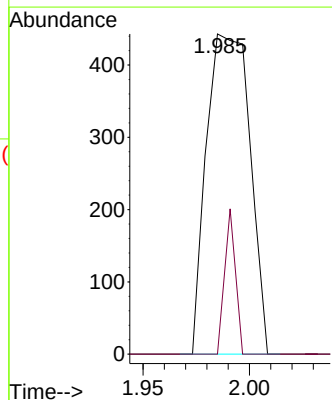
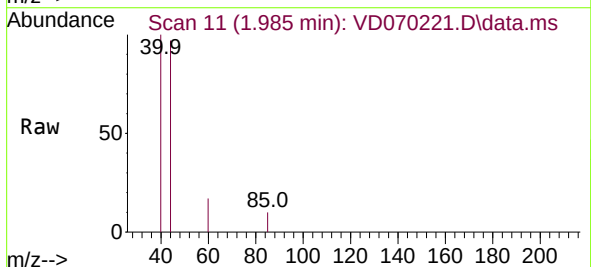
Instrument :
MSVOA_D
ClientSampled :

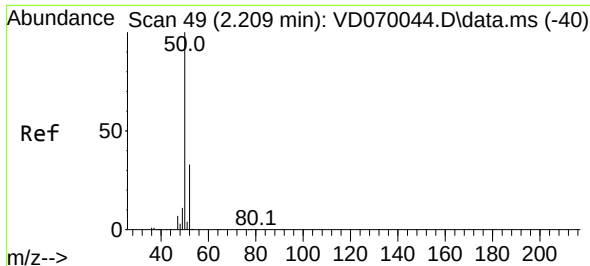
Tgt Ion:168 Resp: 486948
Ion Ratio Lower Upper
168 100
99 61.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 85 Resp: 628
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

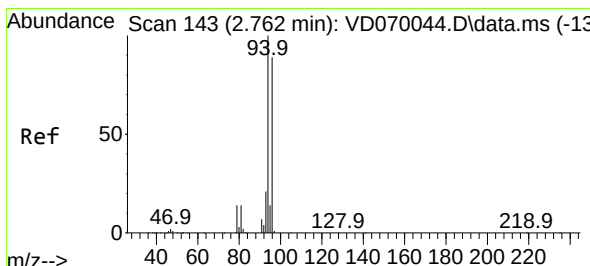
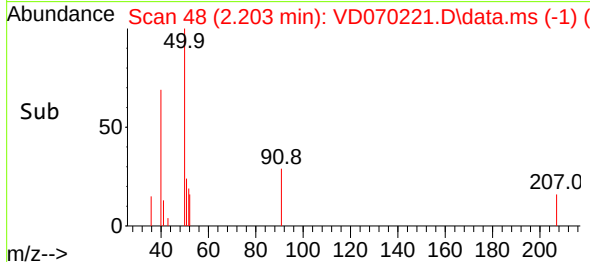
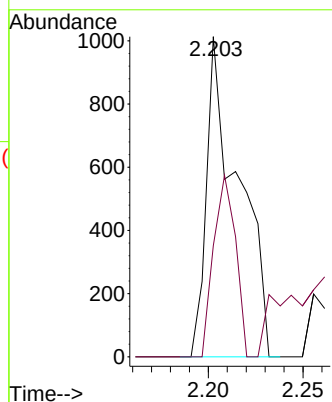
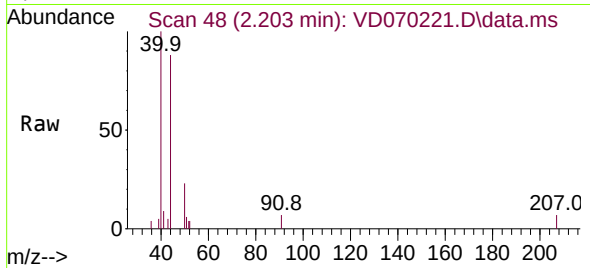




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

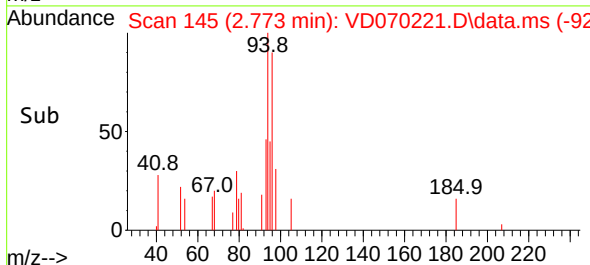
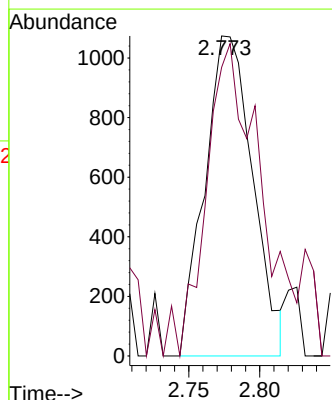
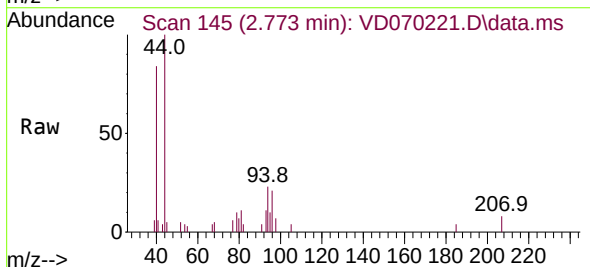
Instrument :
MSVOA_D
ClientSampled :

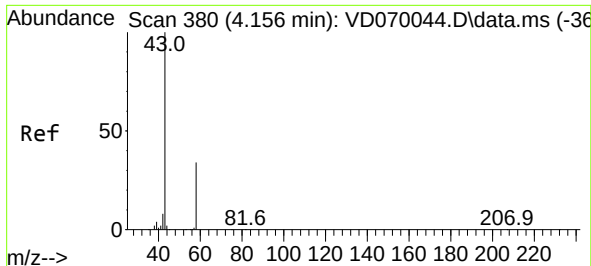
Tgt Ion: 50 Resp: 1179
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 94 Resp: 2529
Ion Ratio Lower Upper
94 100
96 90.2 70.9 106.3

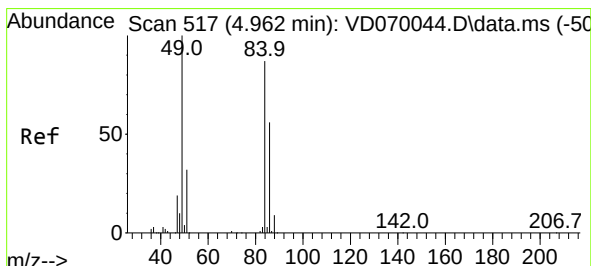
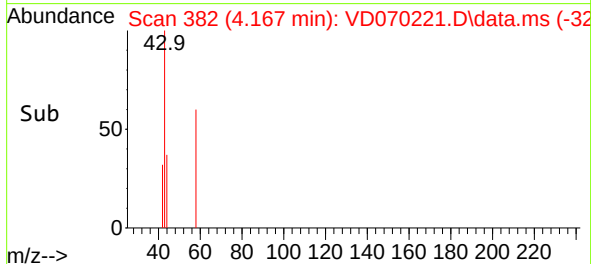
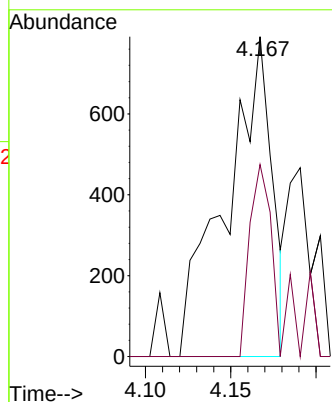
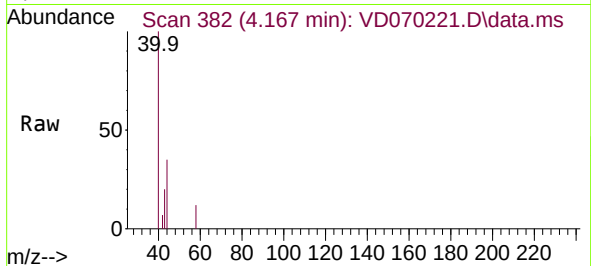




#16
Acetone
Concen: 1.414 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

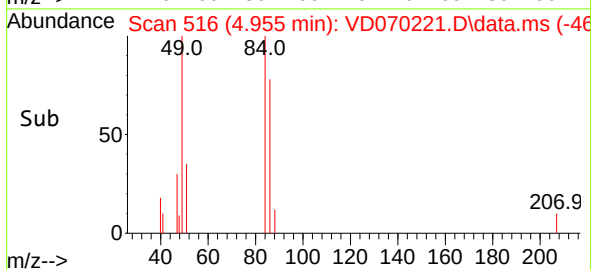
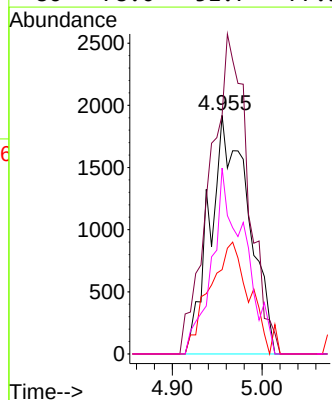
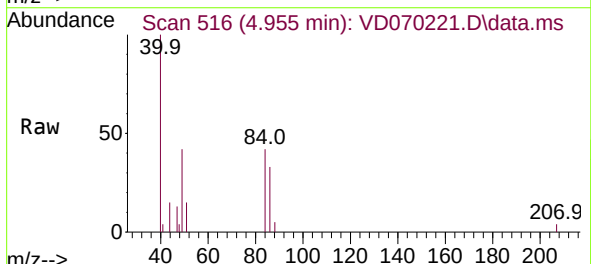
Instrument :
MSVOA_D
ClientSampleId :

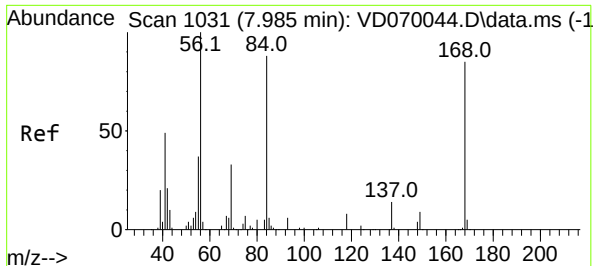
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 60.1 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 84 Resp: 5757
Ion Ratio Lower Upper
84 100
49 100.2 92.5 138.7
51 35.3 29.7 44.5
86 78.0 51.7 77.5#

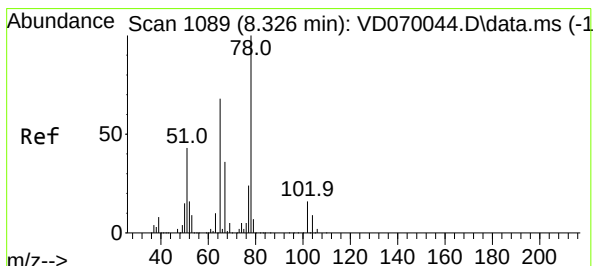
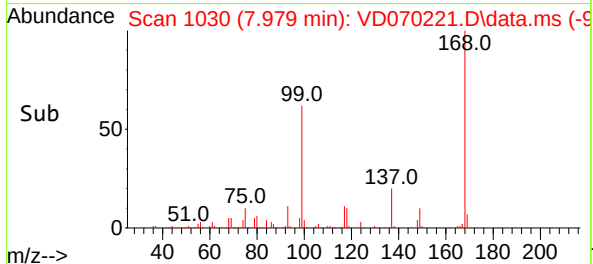
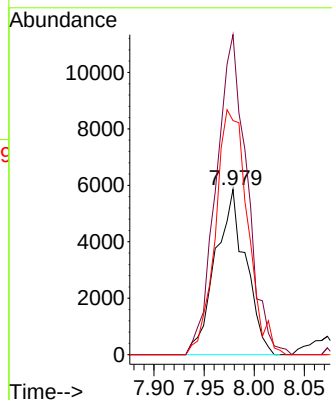
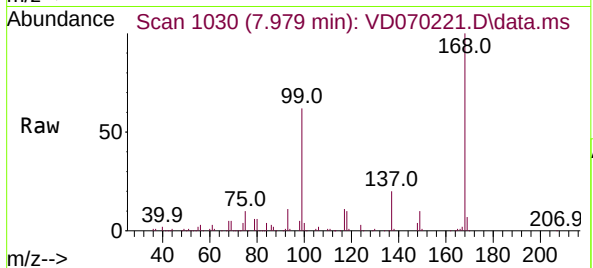




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

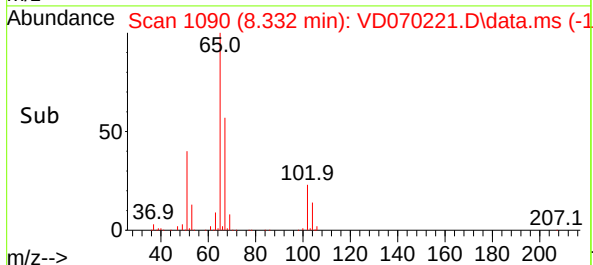
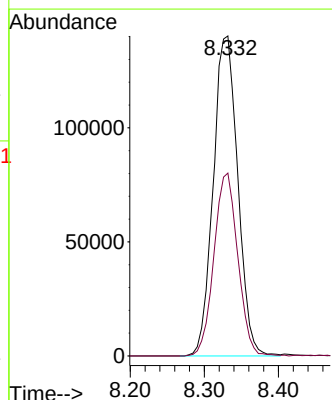
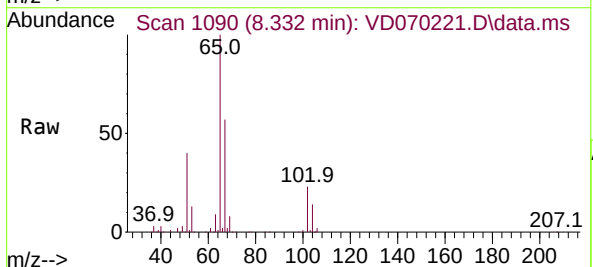
Instrument :
MSVOA_D
ClientSampleId :

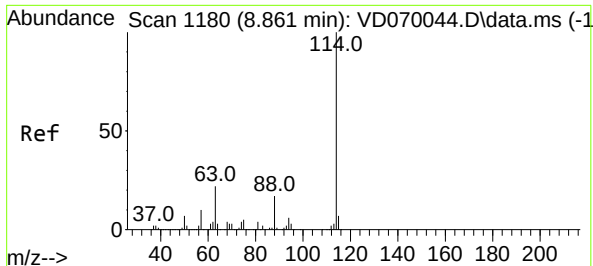
Tgt Ion: 56 Resp: 12395
Ion Ratio Lower Upper
56 100
69 193.6 26.7 40.1#
84 141.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 56.368 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 65 Resp: 322836
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

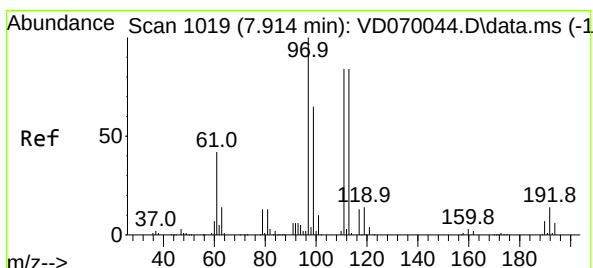
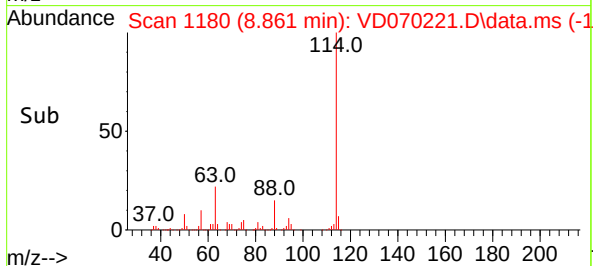
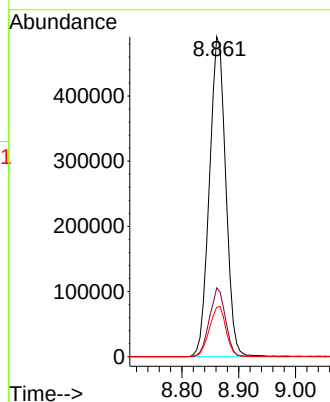
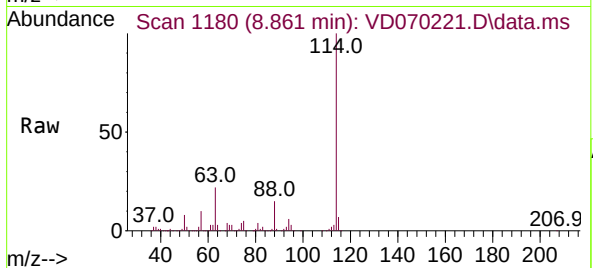
Delta R.T. -0.000 min

Lab File: VD070221.D

Acq: 23 Aug 2021 14:55

Tgt Ion:	114	Resp:	980677
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.6
88	15.4	0.0	33.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 50.871 ug/l

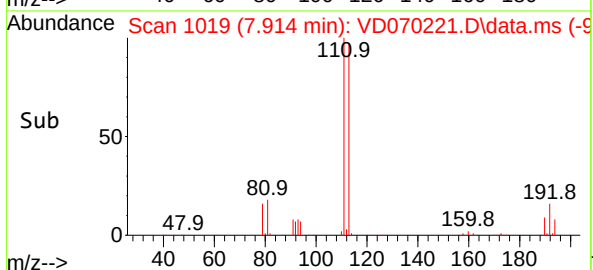
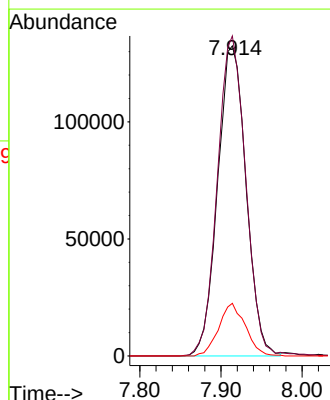
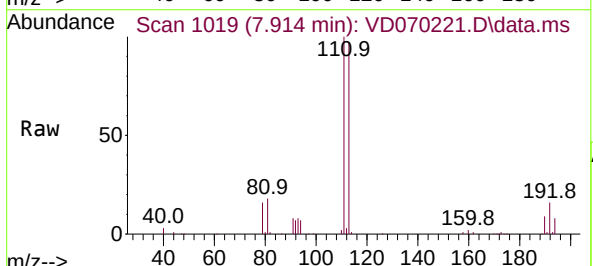
RT: 7.914 min Scan# 1019

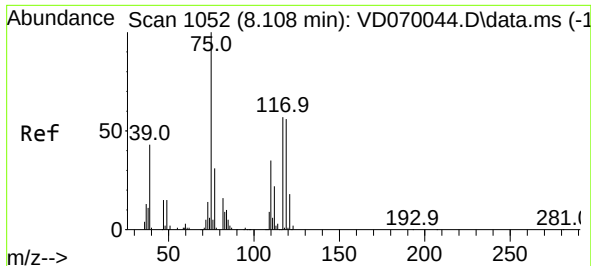
Delta R.T. -0.000 min

Lab File: VD070221.D

Acq: 23 Aug 2021 14:55

Tgt Ion:	113	Resp:	322309
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.0	13.2	19.8

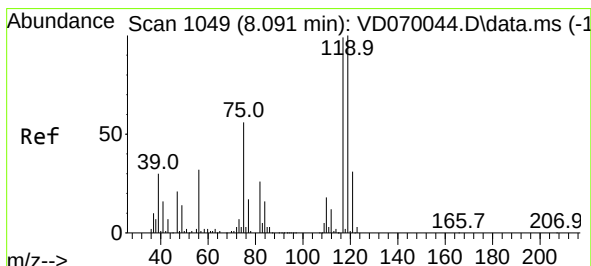
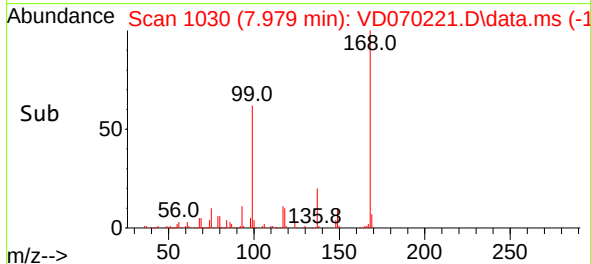
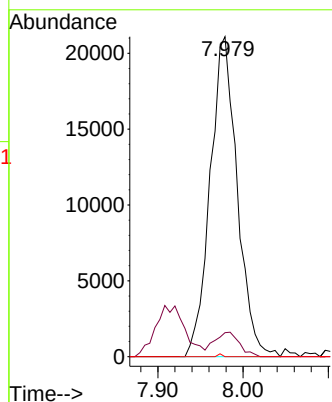
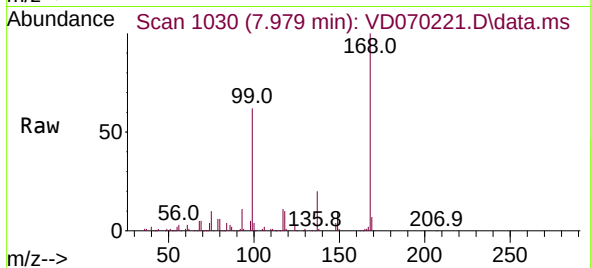




#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

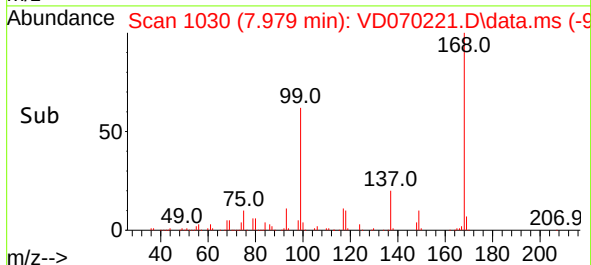
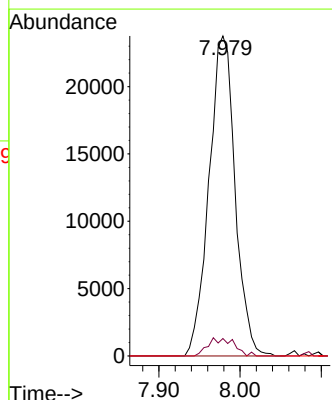
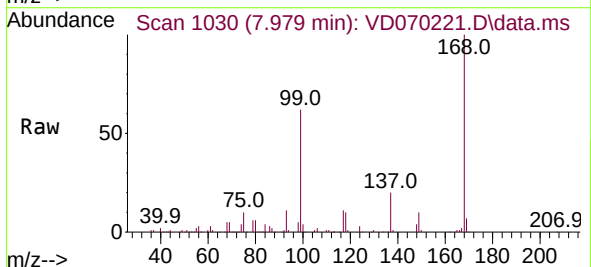
Instrument :
MSVOA_D
ClientSampled :

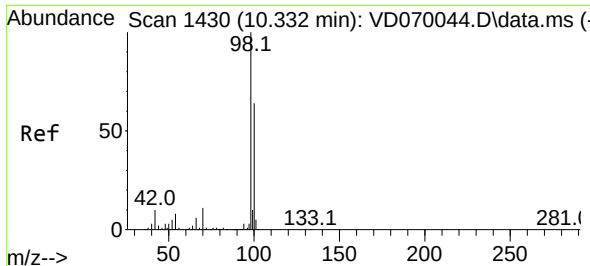
Tgt Ion: 75 Resp: 46600
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.7#
77 0.1 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 117 Resp: 53168
Ion Ratio Lower Upper
117 100
119 5.4 81.0 121.6#
121 0.0 25.0 37.6#

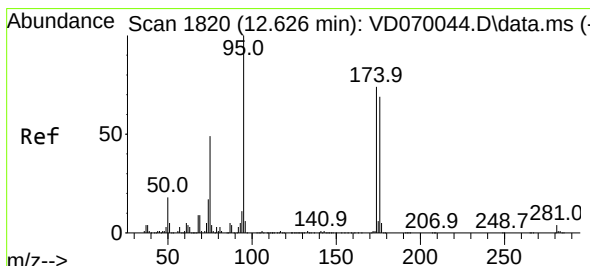
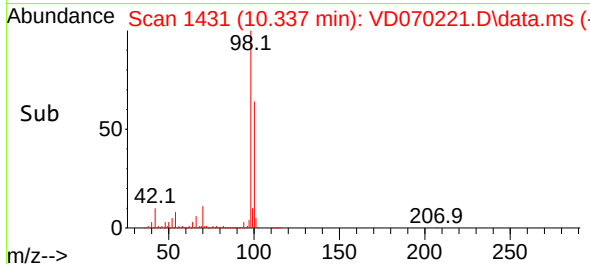
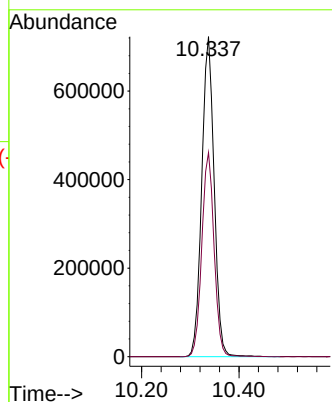
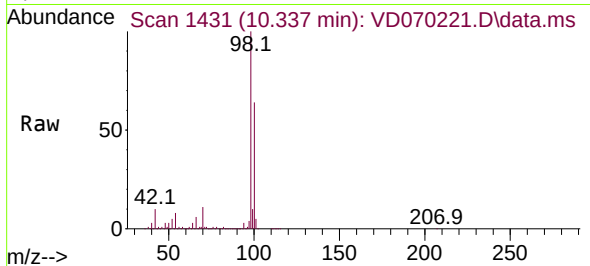




#50
Toluene-d8
Concen: 51.817 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

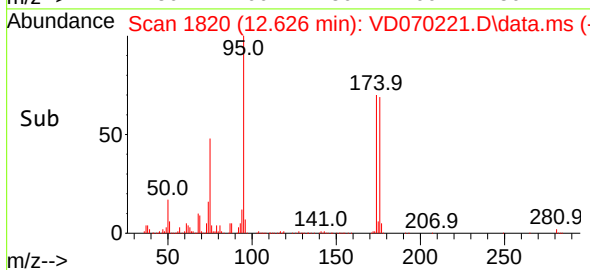
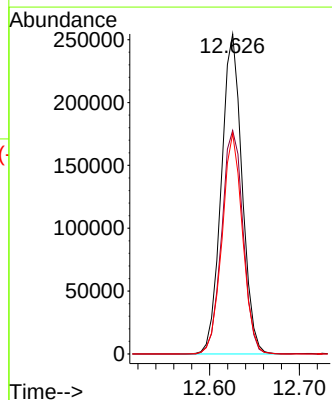
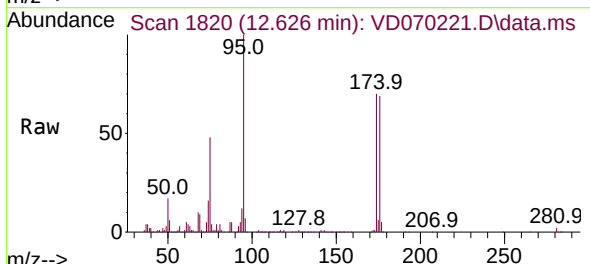
Instrument :
MSVOA_D
ClientSampleId :

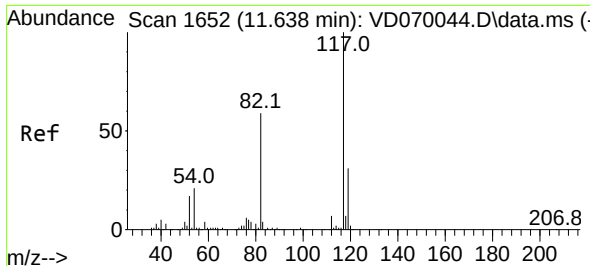
Tgt Ion: 98 Resp: 1276917
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.258 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 95 Resp: 407932
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 68.1 0.0 138.2

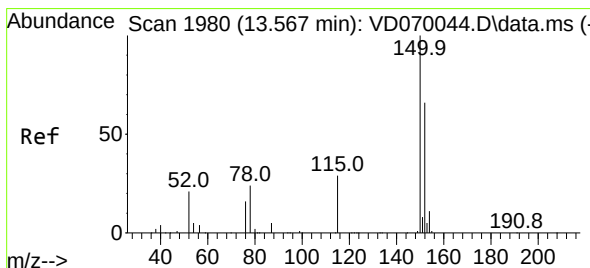
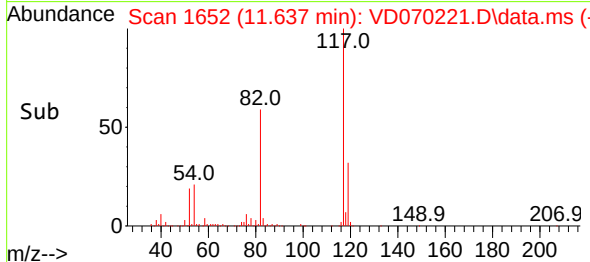
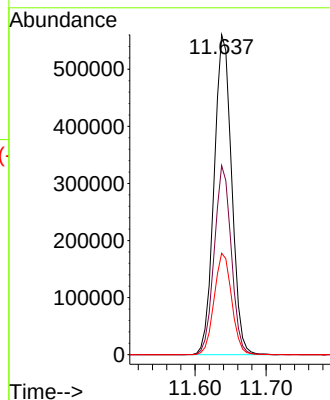
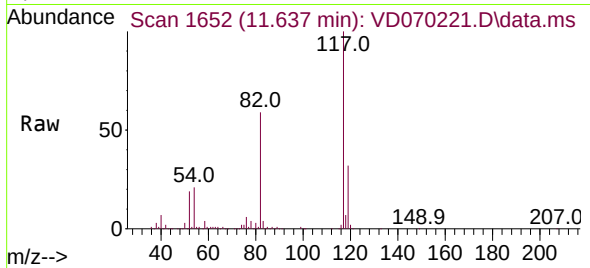




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

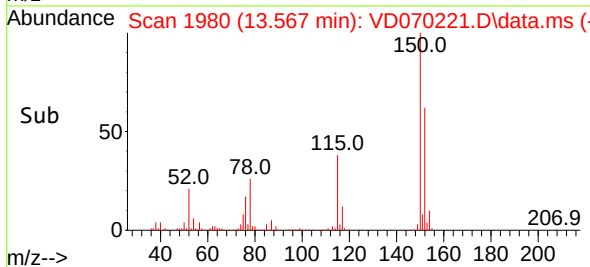
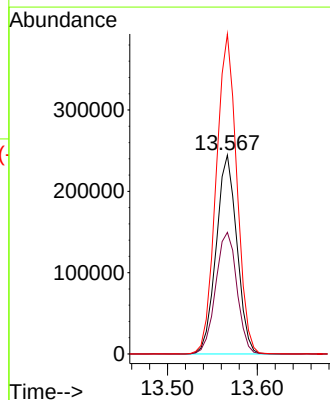
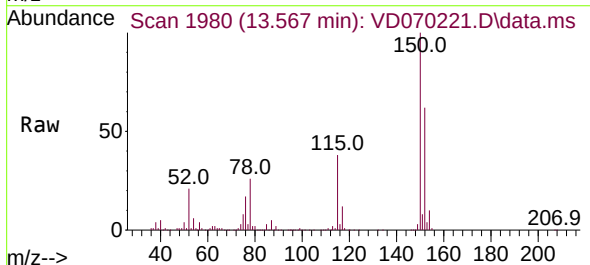
Instrument :
MSVOA_D
ClientSampleId :

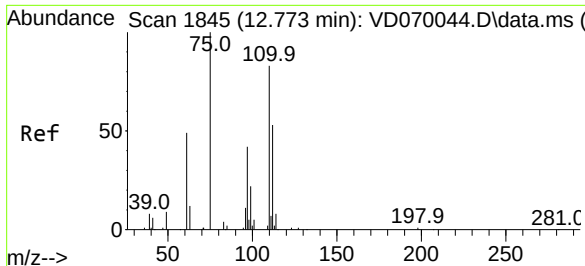
Tgt Ion:117 Resp: 959717
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion:152 Resp: 391513
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 160.4 0.0 352.0

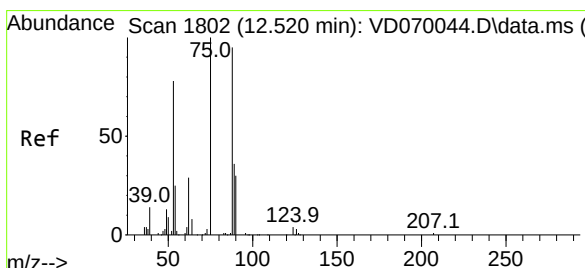
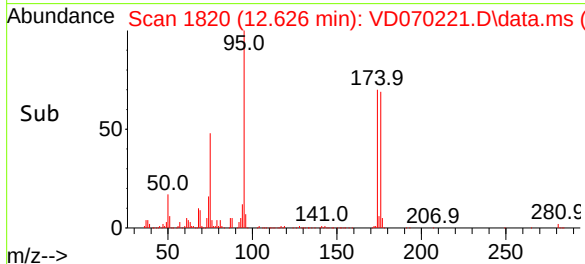
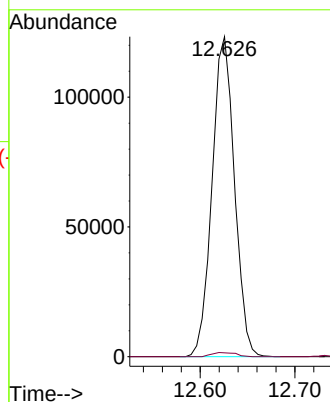
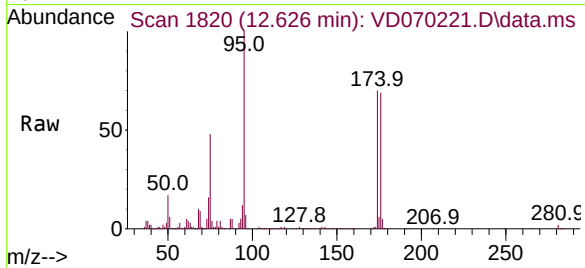




#76
1,2,3-Trichloropropane
Concen: 51.012 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 202543
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.409 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070221.D
Acq: 23 Aug 2021 14:55

Tgt Ion: 75 Resp: 202543
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 33.7 50.5#

