

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031521\
 Data File : VD068615.D
 Acq On : 15 Mar 2021 11:29
 Operator : VA/SY
 Sample : VD0315SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 15 14:38:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

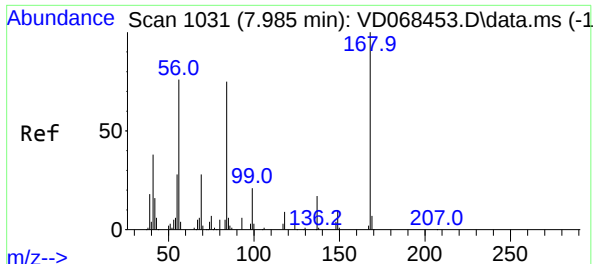
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	337711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	597325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	576757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	297564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170988	50.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.34%
35) Dibromofluoromethane	7.914	113	180689	50.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.44%
50) Toluene-d8	10.338	98	745235	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	251938	54.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.08%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	836	2.81	ug/l #	84
20) Methylene Chloride	4.956	84	6708	Below Cal	#	82
31) Cyclohexane	7.979	56	8795	1.43	ug/l #	5
76) 1,2,3-Trichloropropane	12.632	75	129462	49.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	129462	114.37	ug/l #	14

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

Quant Time: Mar 15 14:38:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
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QLast Update : Fri Feb 26 14:04:14 2021
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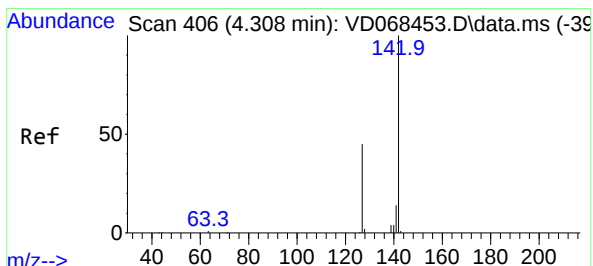
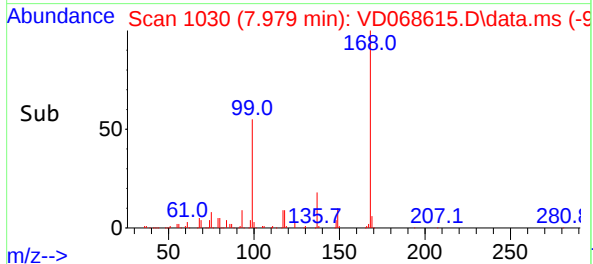
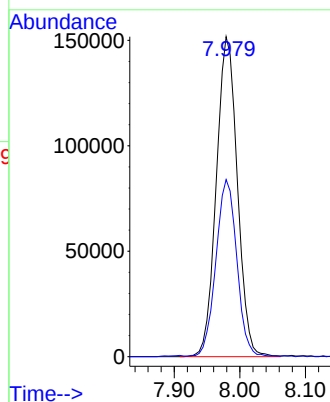
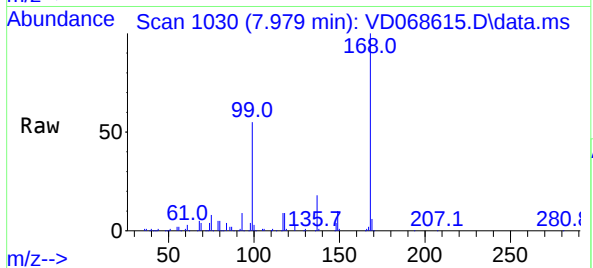




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

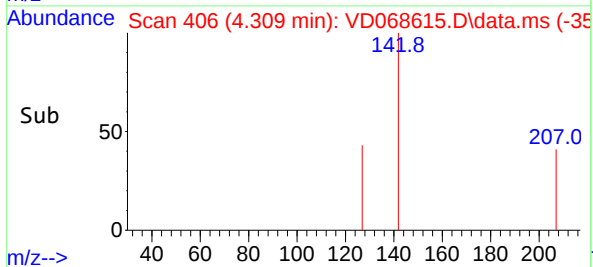
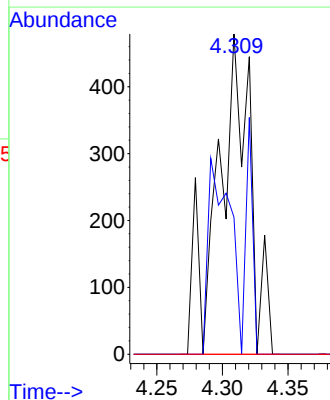
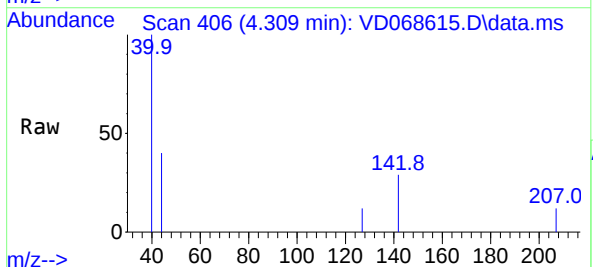
Instrument :
MSVOA_D
ClientSampleId :

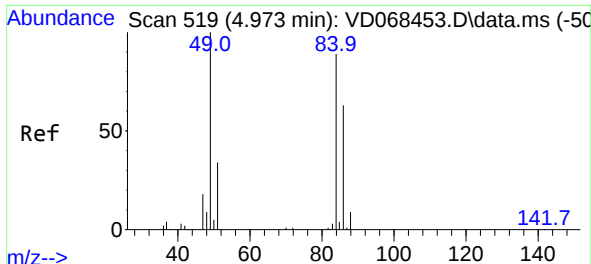
Tgt Ion:168 Resp: 337711
Ion Ratio Lower Upper
168 100
99 55.2 43.5 65.3



#10
Methyl Iodide
Concen: 2.81 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

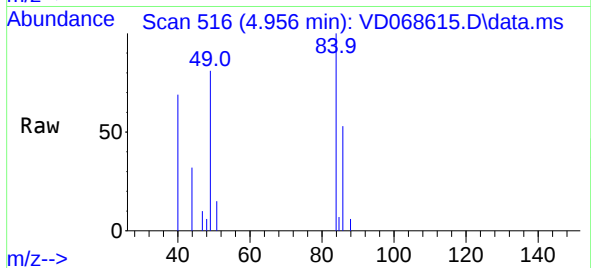
Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
127 40.6 37.9 56.9
141 0.0 11.5 17.3#



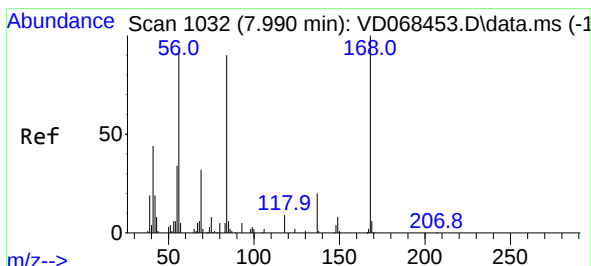
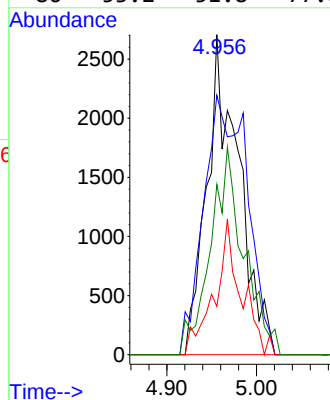
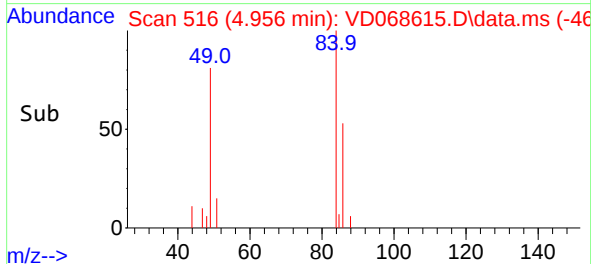


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

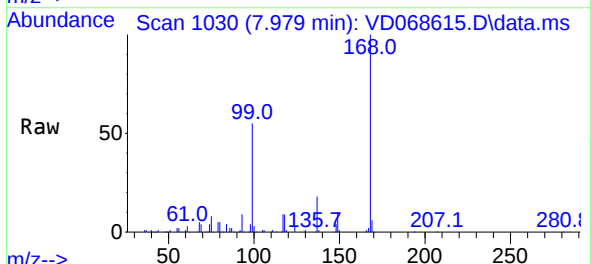
Instrument :
MSVOA_D
ClientSampled :



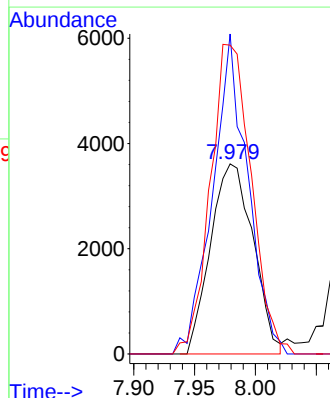
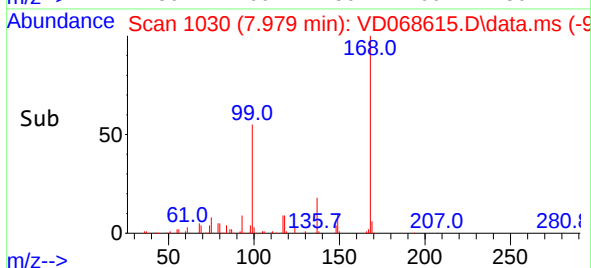
Tgt Ion: 84 Resp: 6708
Ion Ratio Lower Upper
84 100
49 81.1 77.4 116.2
51 15.1 26.1 39.1#
86 53.2 51.8 77.8

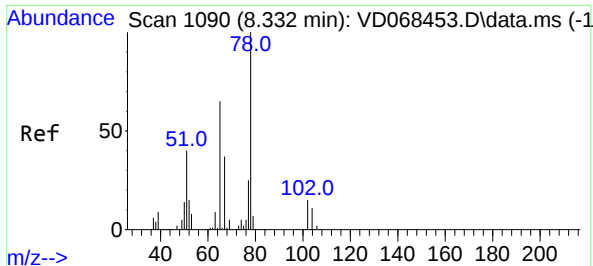


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29



Tgt Ion: 56 Resp: 8795
Ion Ratio Lower Upper
56 100
69 161.6 30.1 45.1#
84 157.0 82.1 123.1#

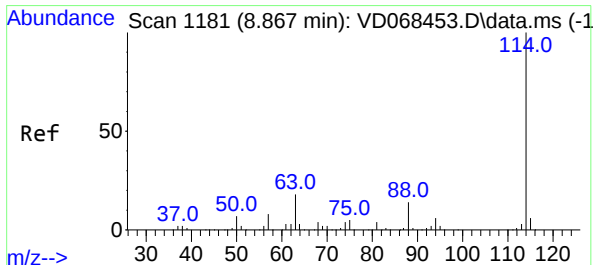
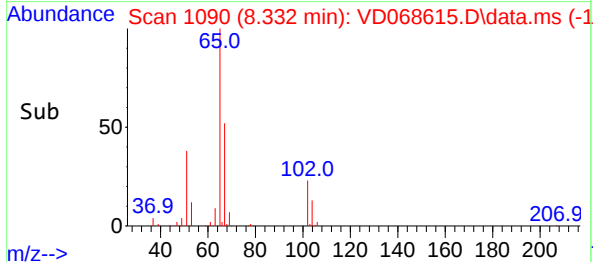
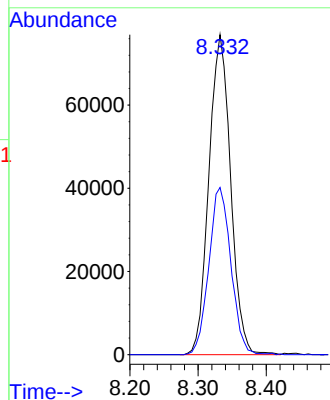
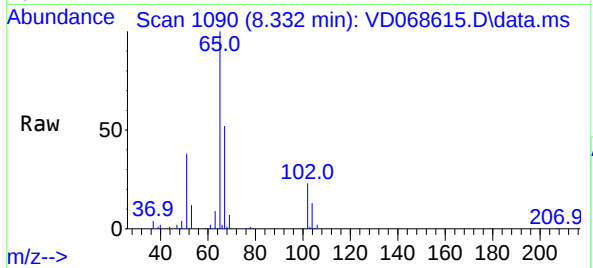




#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

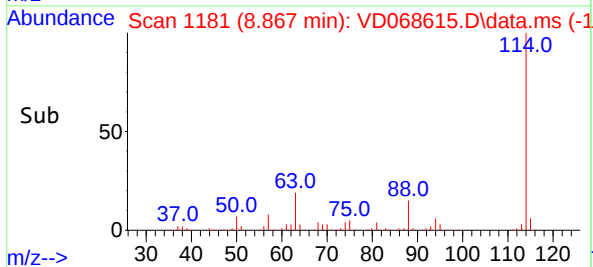
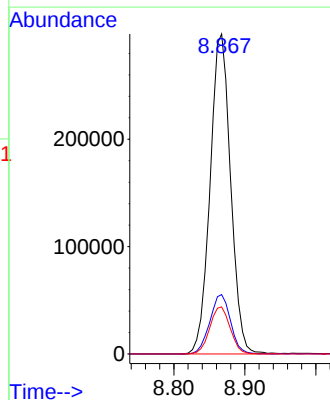
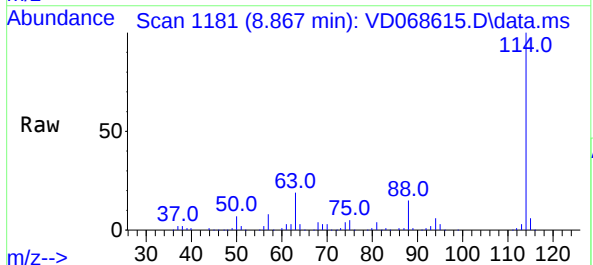
Instrument :
MSVOA_D
ClientSampleId :

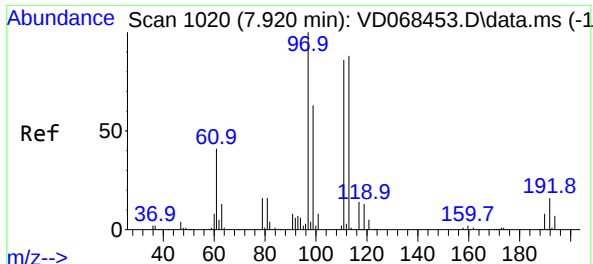
Tgt Ion: 65 Resp: 170988
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

Tgt Ion:114 Resp: 597325
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068615.D

Acq: 15 Mar 2021 11:29

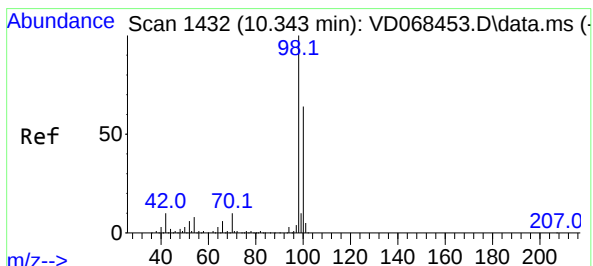
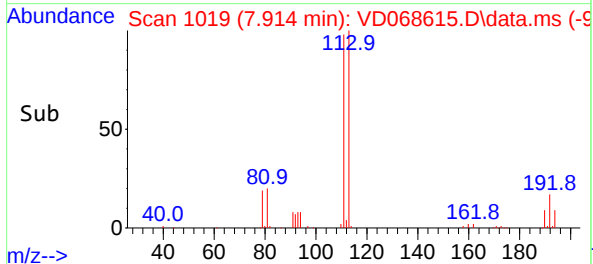
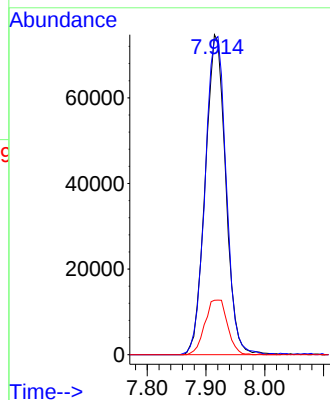
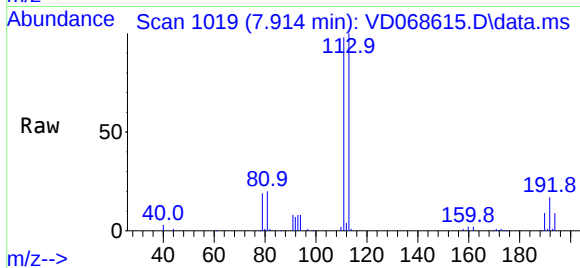
Tgt Ion:113 Resp: 180689

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.8 16.1 24.1



#50

Toluene-d8

Concen: 52.00 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD068615.D

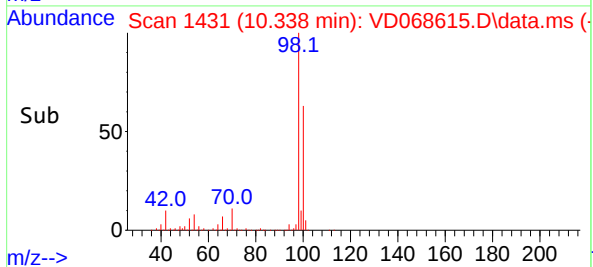
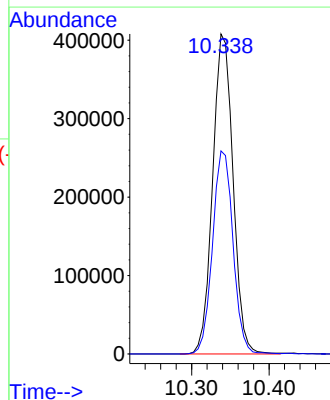
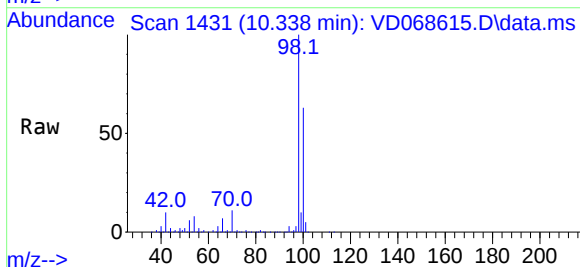
Acq: 15 Mar 2021 11:29

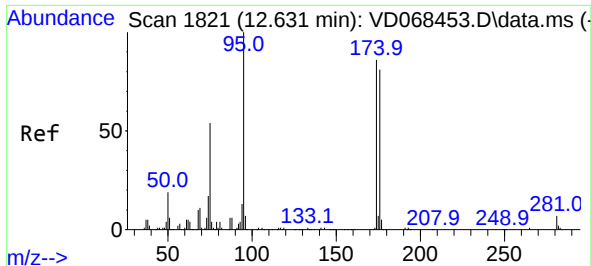
Tgt Ion: 98 Resp: 745235

Ion Ratio Lower Upper

98 100

100 63.8 53.0 79.4



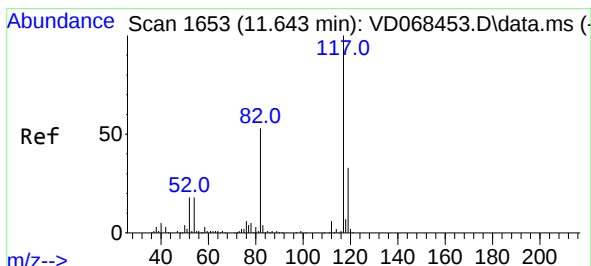
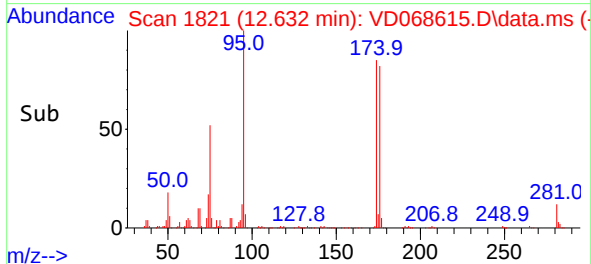
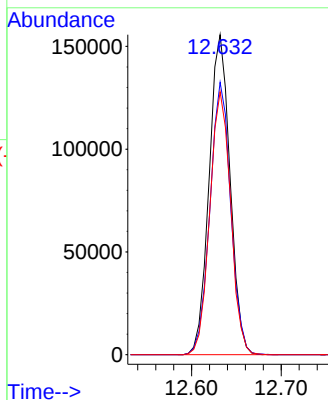
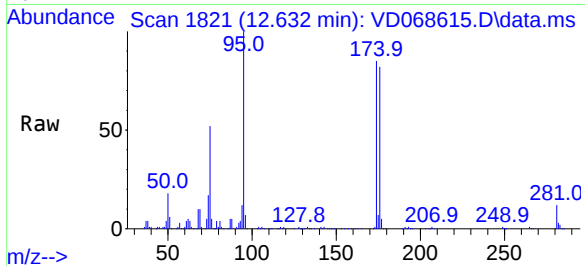


#62
4-Bromofluorobenzene
Concen: 54.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 251938

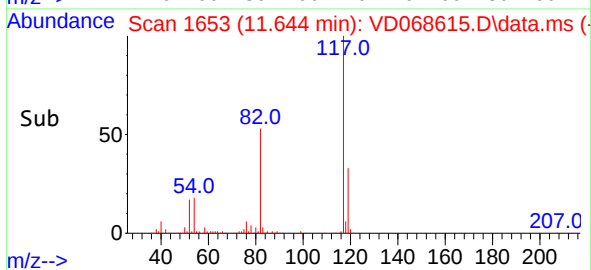
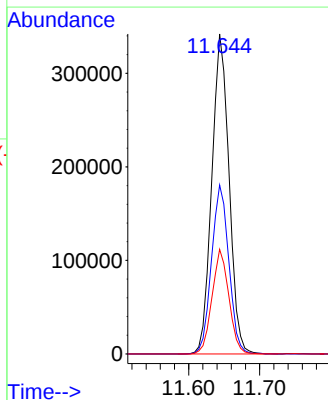
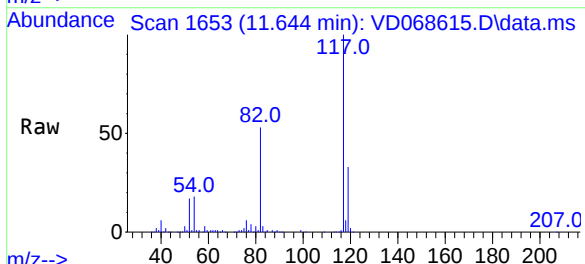
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	172.4
176	81.8	0.0	168.4

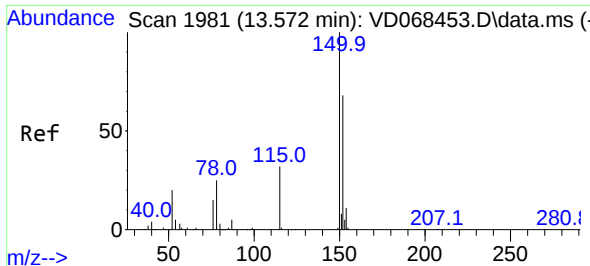


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

Tgt Ion: 117 Resp: 576757

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.4	62.0
119	32.7	26.1	39.1

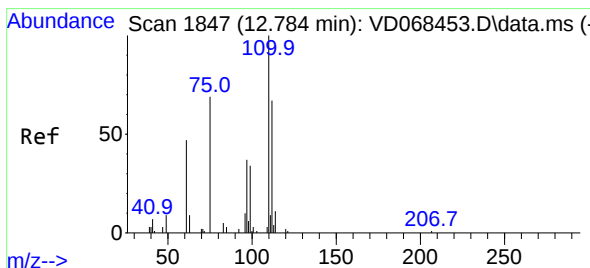
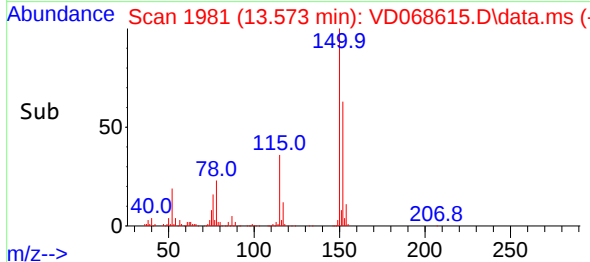
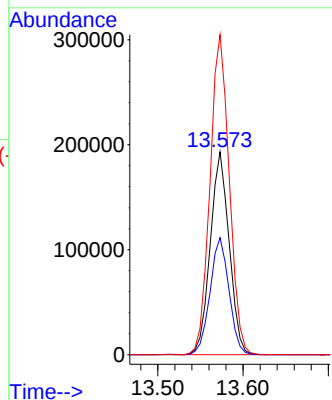
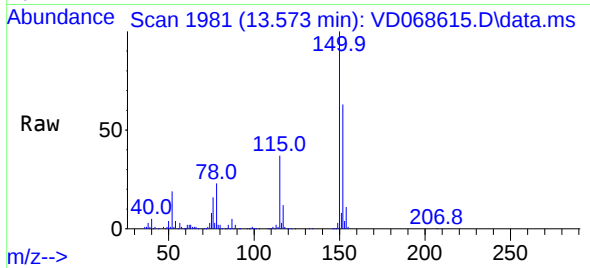




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

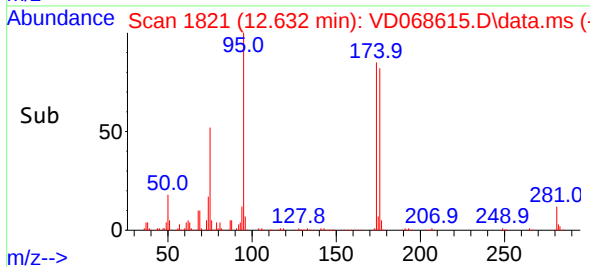
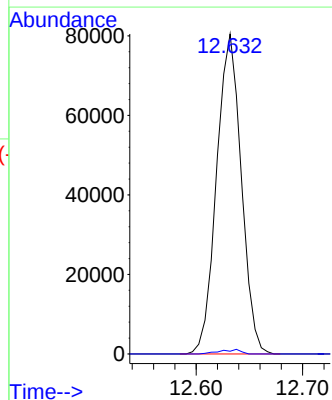
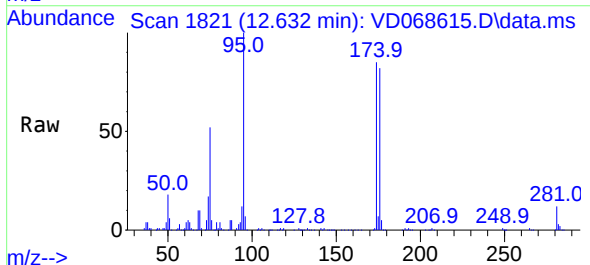
Instrument :
MSVOA_D
ClientSampled :

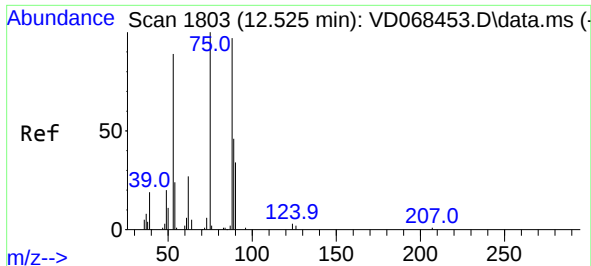
Tgt Ion:152 Resp: 297564
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 160.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 49.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

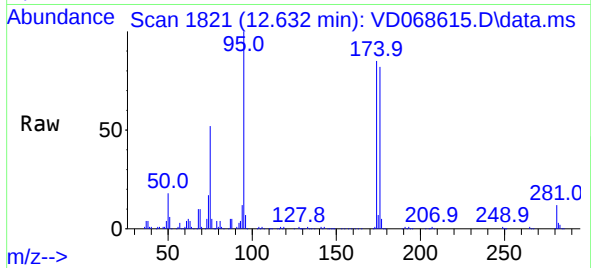
Tgt Ion: 75 Resp: 129462
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068615.D
Acq: 15 Mar 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 129462
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.1 40.3 60.5#

