

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068325.D
 Acq On : 08 Feb 2021 18:35
 Operator : VA/SY
 Sample : M1340-01
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:17:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

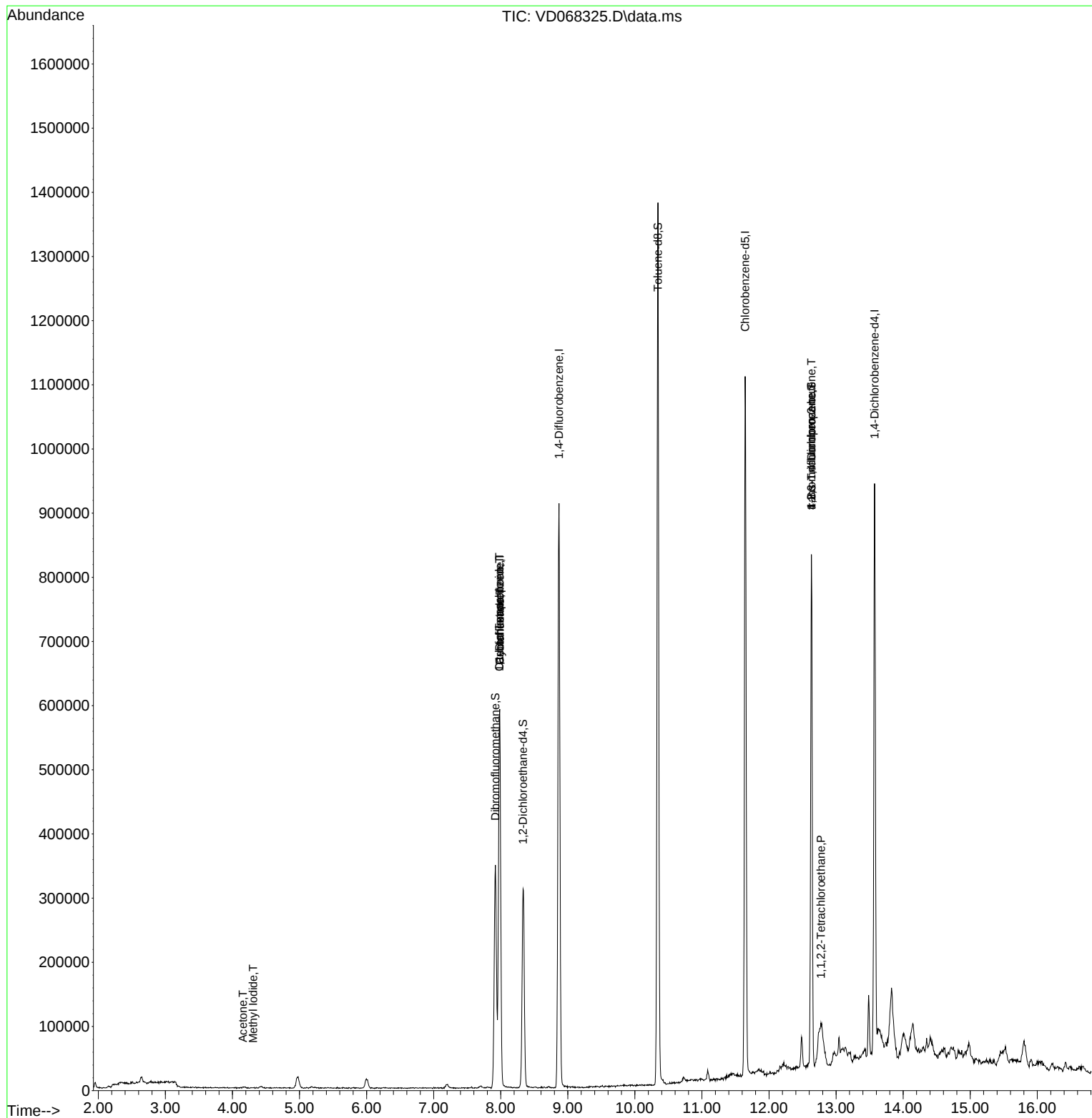
Internal Standards						
1) Pentafluorobenzene	7.985	168	455765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	829596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	657459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255467	58.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.18%			
35) Dibromofluoromethane	7.920	113	253433	55.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.52%			
50) Toluene-d8	10.344	98	945430	51.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.06%			
62) 4-Bromofluorobenzene	12.632	95	273673	41.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.84%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	140	3.18	ug/l #	38
11) Tert butyl alcohol	5.215	59	564	Below Cal		97
16) Acetone	4.156	43	819	1.05	ug/l	91
20) Methylene Chloride	4.962	84	16354	Below Cal	#	86
31) Cyclohexane	7.985	56	9947	1.05	ug/l #	28
36) 1,1-Dichloropropene	7.979	75	36617	4.38	ug/l #	47
38) Carbon Tetrachloride	7.979	117	45195	5.77	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.773	83	12810	3.98	ug/l #	28
76) 1,2,3-Trichloropropane	12.632	75	137878	58.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	137878	118.64	ug/l #	13

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

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Quant Time: Feb 09 00:17:17 2021
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Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

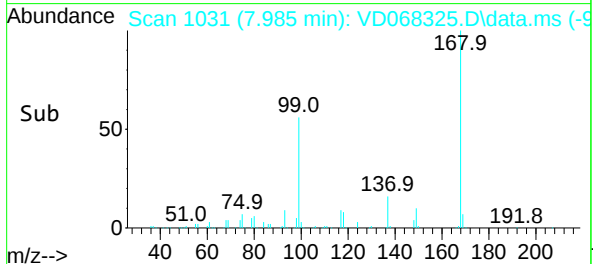
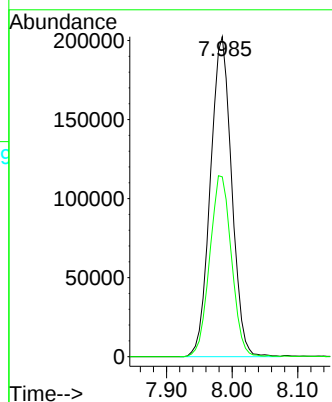
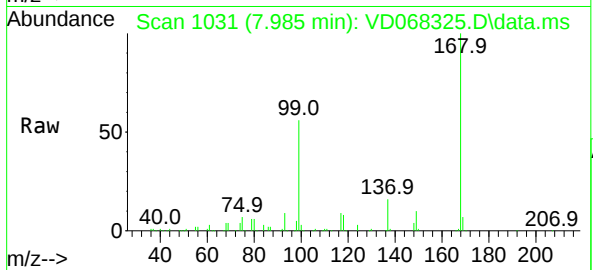




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

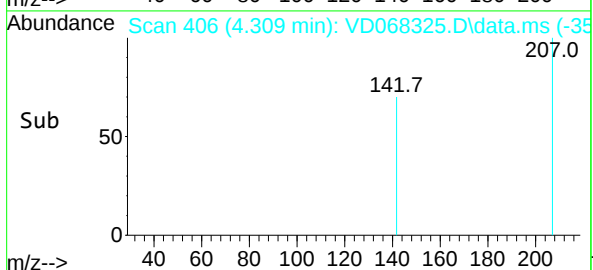
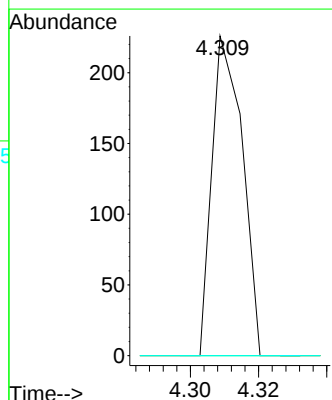
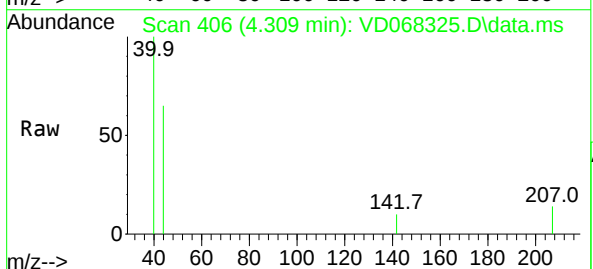
Instrument :
MSVOA_D
ClientSampled :

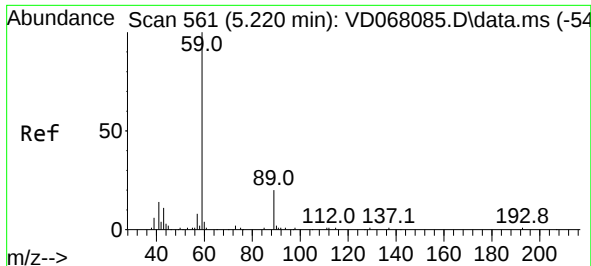
Tgt Ion:168 Resp: 455765
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

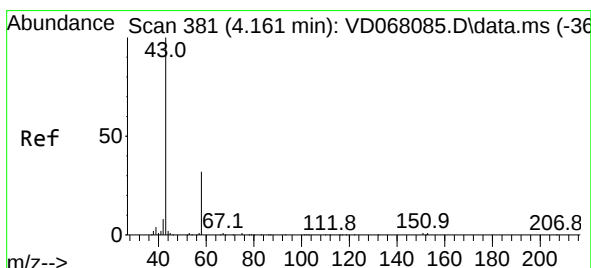
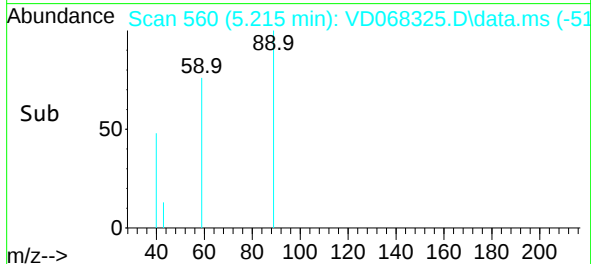
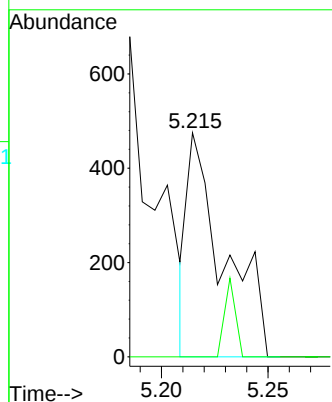
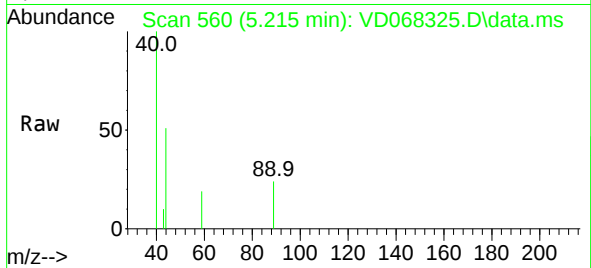




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

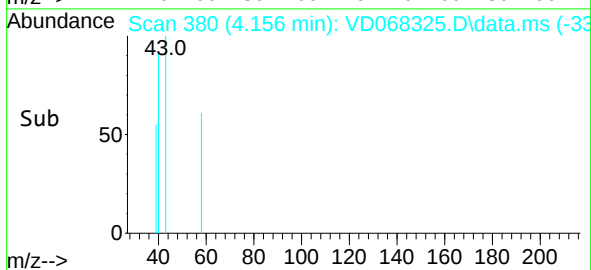
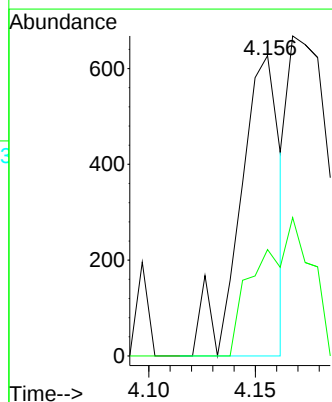
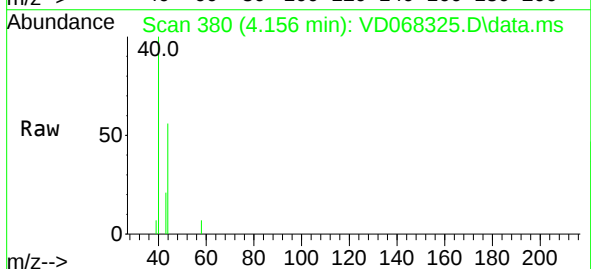
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.2



#16
Acetone
Concen: 1.05 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 35.4 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

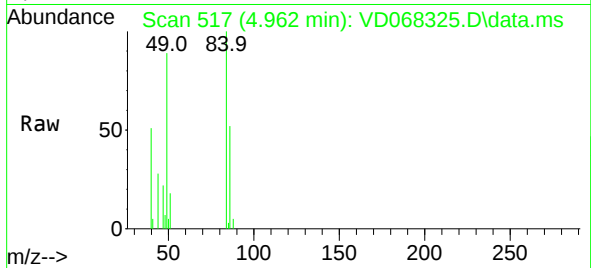
RT: 4.962 min Scan# 517

Delta R.T. -0.011 min

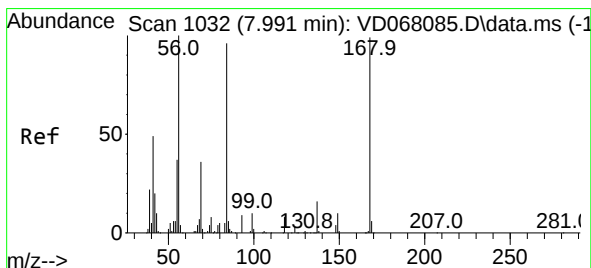
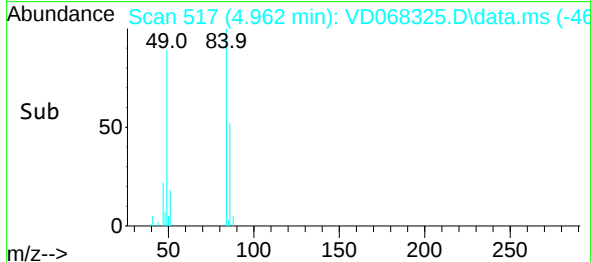
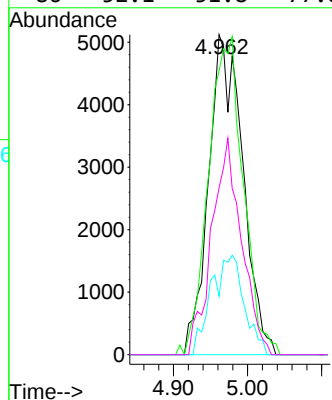
Lab File: VD068325.D

Acq: 08 Feb 2021 18:35

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	84	Resp:	16354
Ion	Ratio	Lower	Upper
84	100		
49	88.7	77.4	116.2
51	18.2	26.1	39.1#
86	52.1	51.8	77.8



#31

Cyclohexane

Concen: 1.05 ug/l

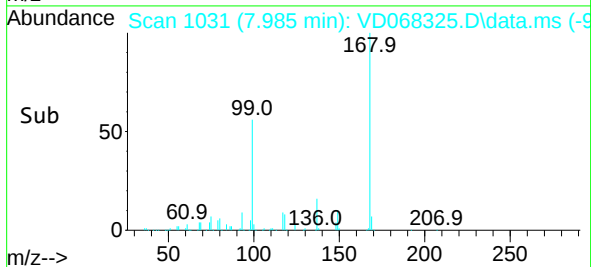
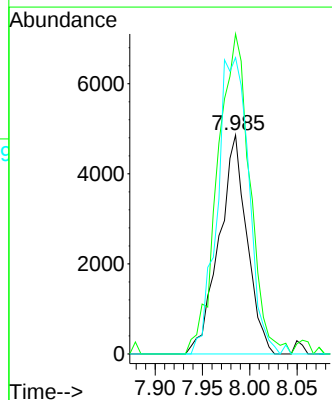
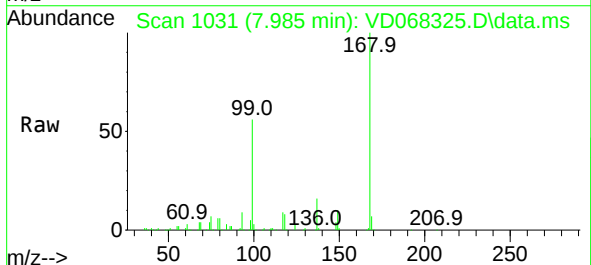
RT: 7.985 min Scan# 1031

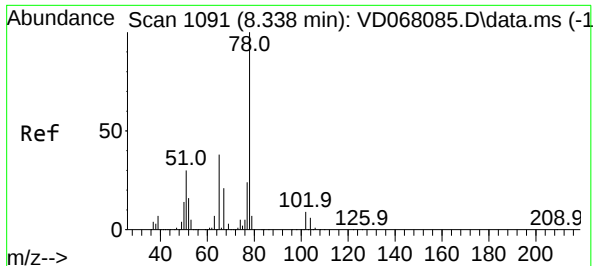
Delta R.T. -0.006 min

Lab File: VD068325.D

Acq: 08 Feb 2021 18:35

Tgt Ion:	56	Resp:	9947
Ion	Ratio	Lower	Upper
56	100		
69	146.2	30.1	45.1#
84	135.4	82.1	123.1#



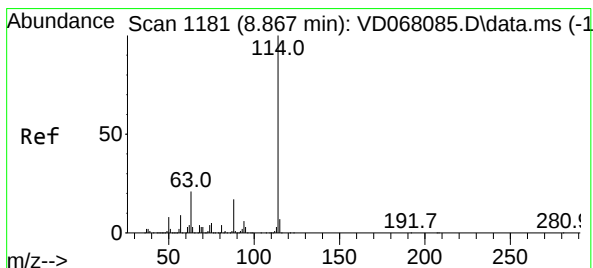
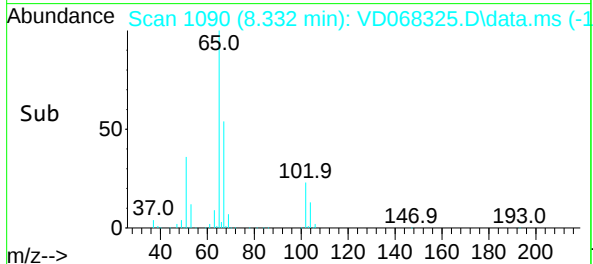
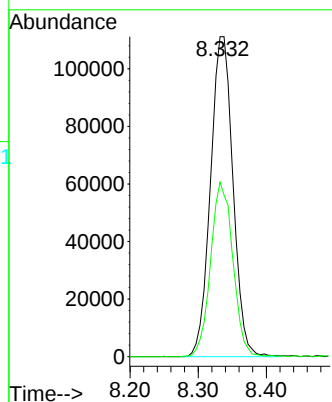
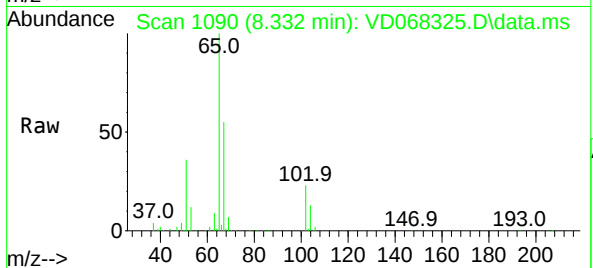


#33

1,2-Dichloroethane-d4
Concen: 58.59 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Instrument :
MSVOA_D
ClientSampleId :

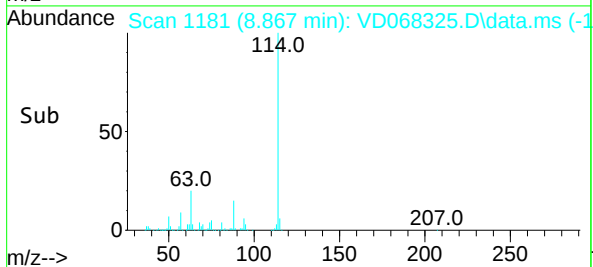
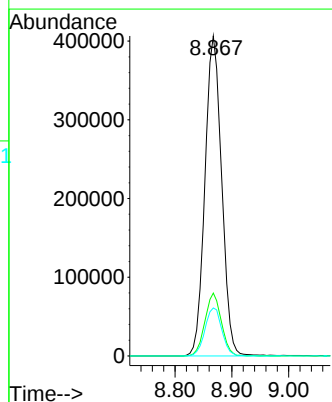
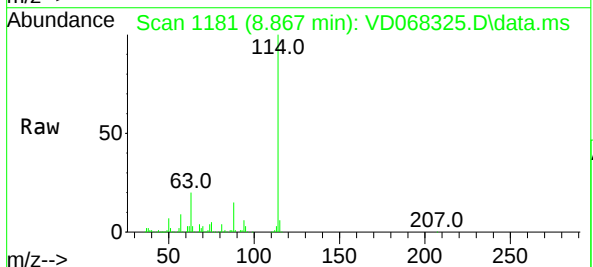
Tgt Ion: 65 Resp: 255467
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

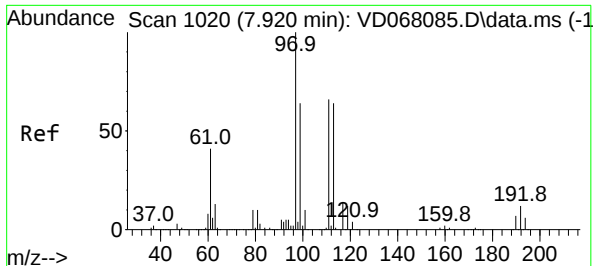


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 114 Resp: 829596
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.26 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068325.D

Acq: 08 Feb 2021 18:35

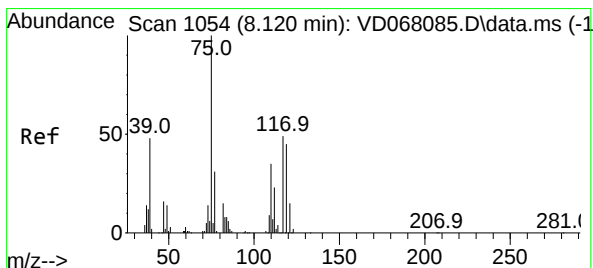
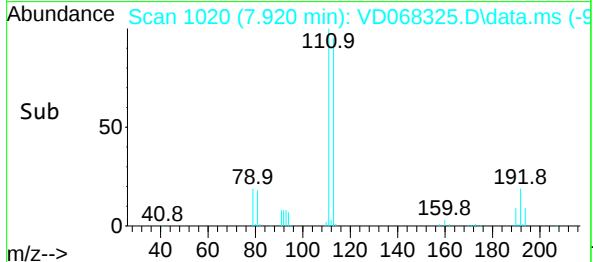
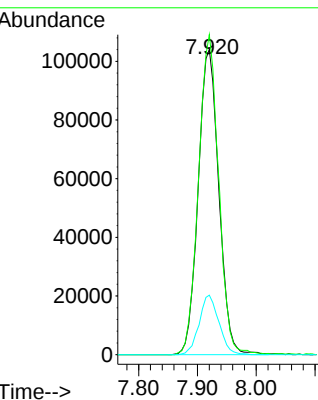
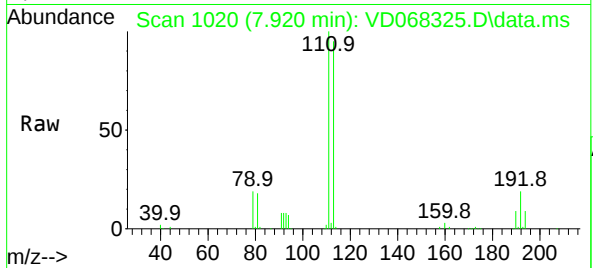
Tgt Ion:113 Resp: 253433

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.38 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068325.D

Acq: 08 Feb 2021 18:35

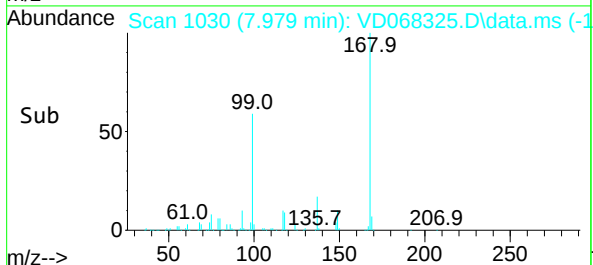
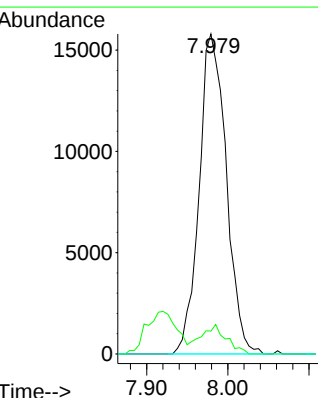
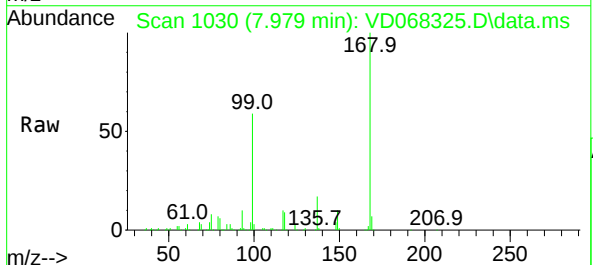
Tgt Ion: 75 Resp: 36617

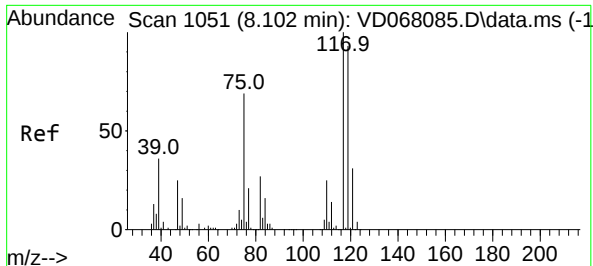
Ion Ratio Lower Upper

75 100

110 8.2 19.4 58.2#

77 0.0 25.3 37.9#

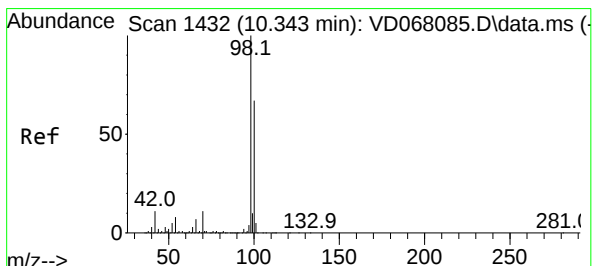
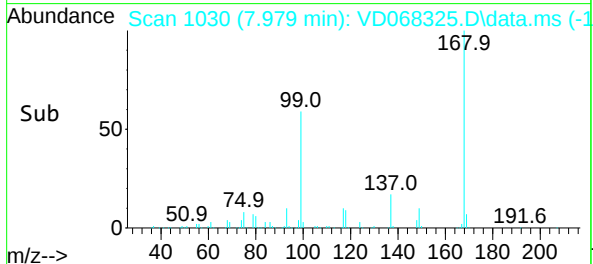
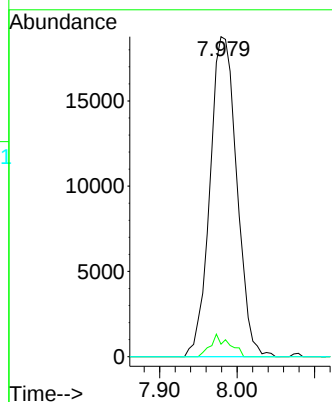
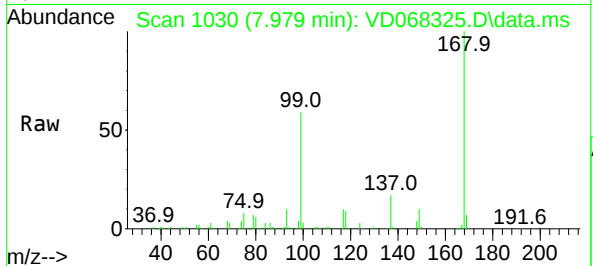




#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

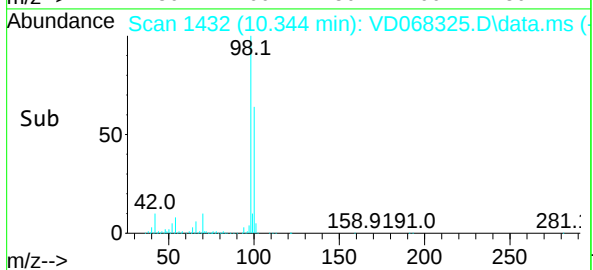
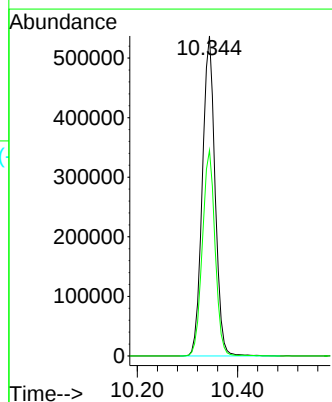
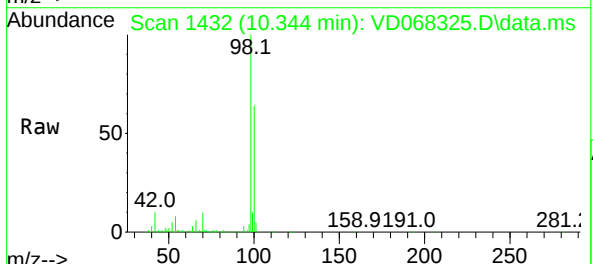
Instrument :
MSVOA_D
ClientSampleId :

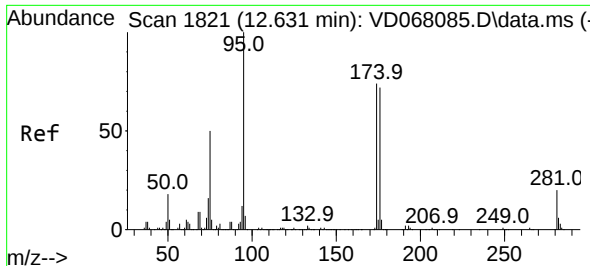
Tgt Ion:117 Resp: 45195
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 98 Resp: 945430
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4

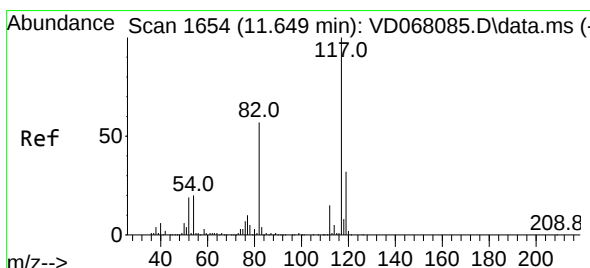
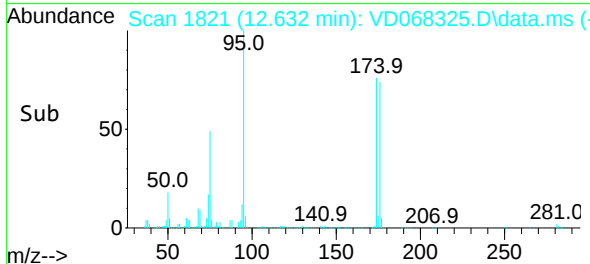
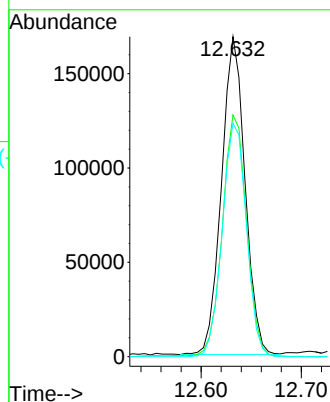
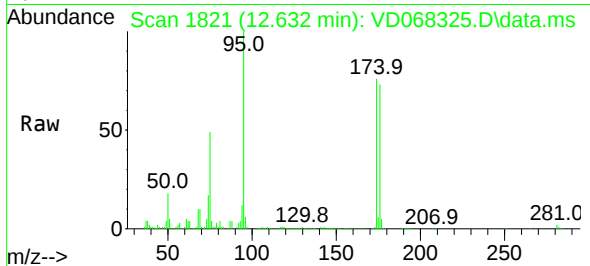




#62
4-Bromofluorobenzene
Concen: 41.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

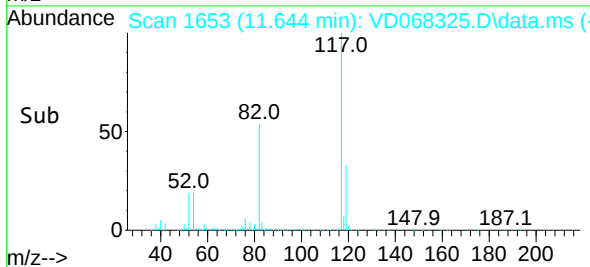
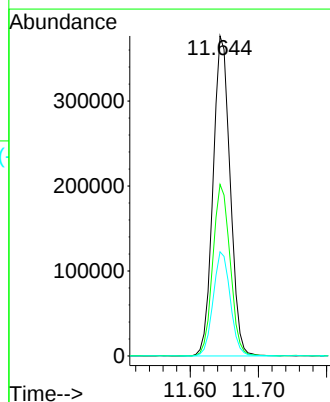
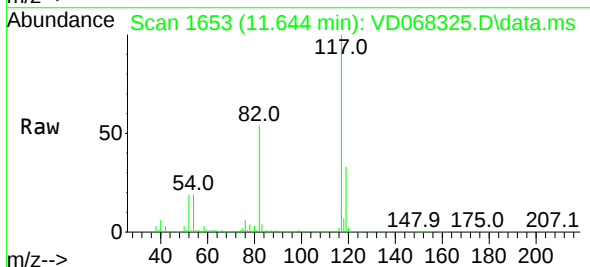
Instrument :
MSVOA_D
ClientSampled :

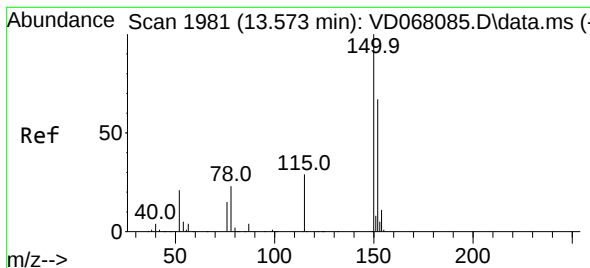
Tgt Ion: 95 Resp: 273673
Ion Ratio Lower Upper
95 100
174 78.6 0.0 172.4
176 75.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 117 Resp: 657459
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 32.6 26.1 39.1

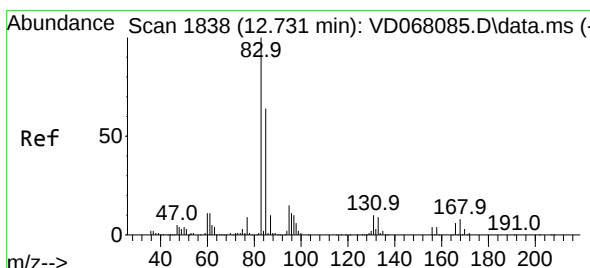
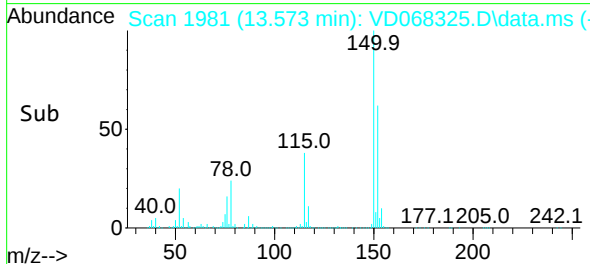
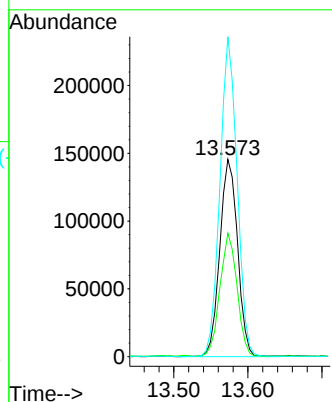
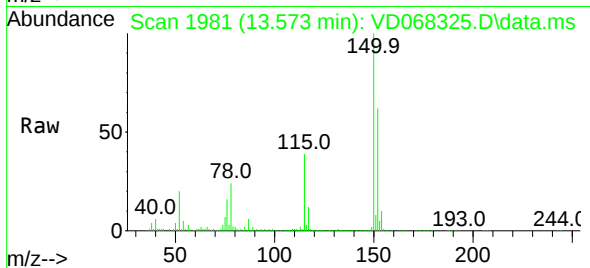




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

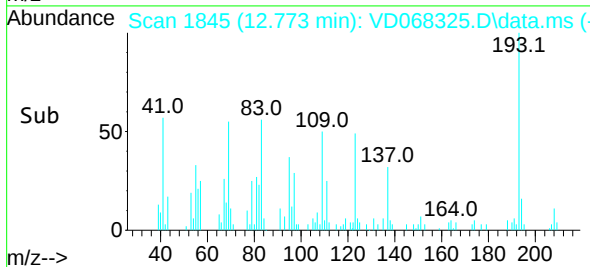
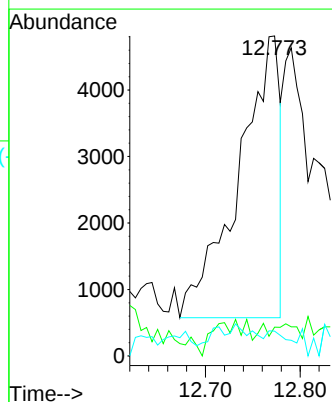
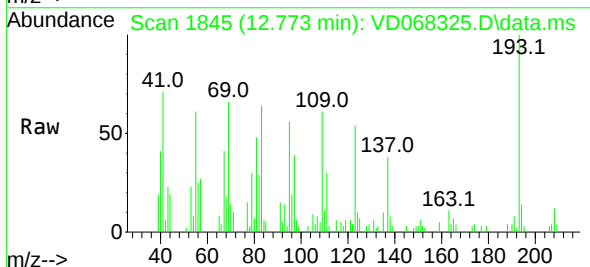
Instrument :
MSVOA_D
ClientSampled :

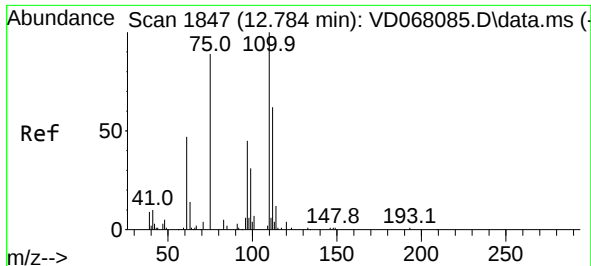
Tgt Ion:152 Resp: 243210
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 156.1 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: 3.98 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.041 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 83 Resp: 12810
Ion Ratio Lower Upper
83 100
131 1.3 5.8 17.4#
85 1.6 32.4 97.2#

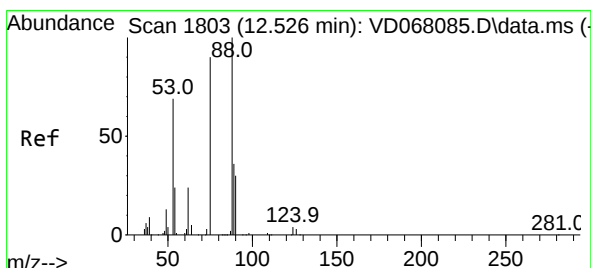
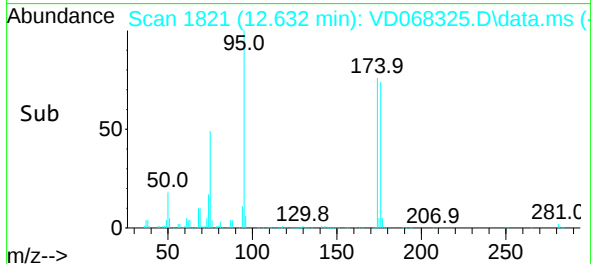
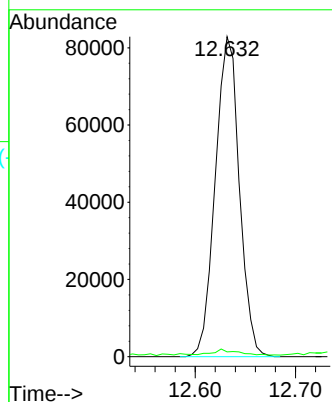
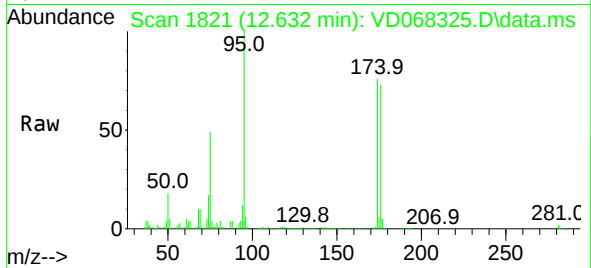




#76
1,2,3-Trichloropropane
Concen: 58.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 137878
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068325.D
Acq: 08 Feb 2021 18:35

Tgt Ion: 75 Resp: 137878
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

