

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068262.D
 Acq On : 03 Feb 2021 15:01
 Operator : VA/SY
 Sample : M1292-06
 Misc : 7.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:42:12 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	433033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	772300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	694697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	312376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	250125	60.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.76%
35) Dibromofluoromethane	7.920	113	234130	54.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.68%
50) Toluene-d8	10.343	98	963811	56.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.86%
62) 4-Bromofluorobenzene	12.631	95	316952	51.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.06%

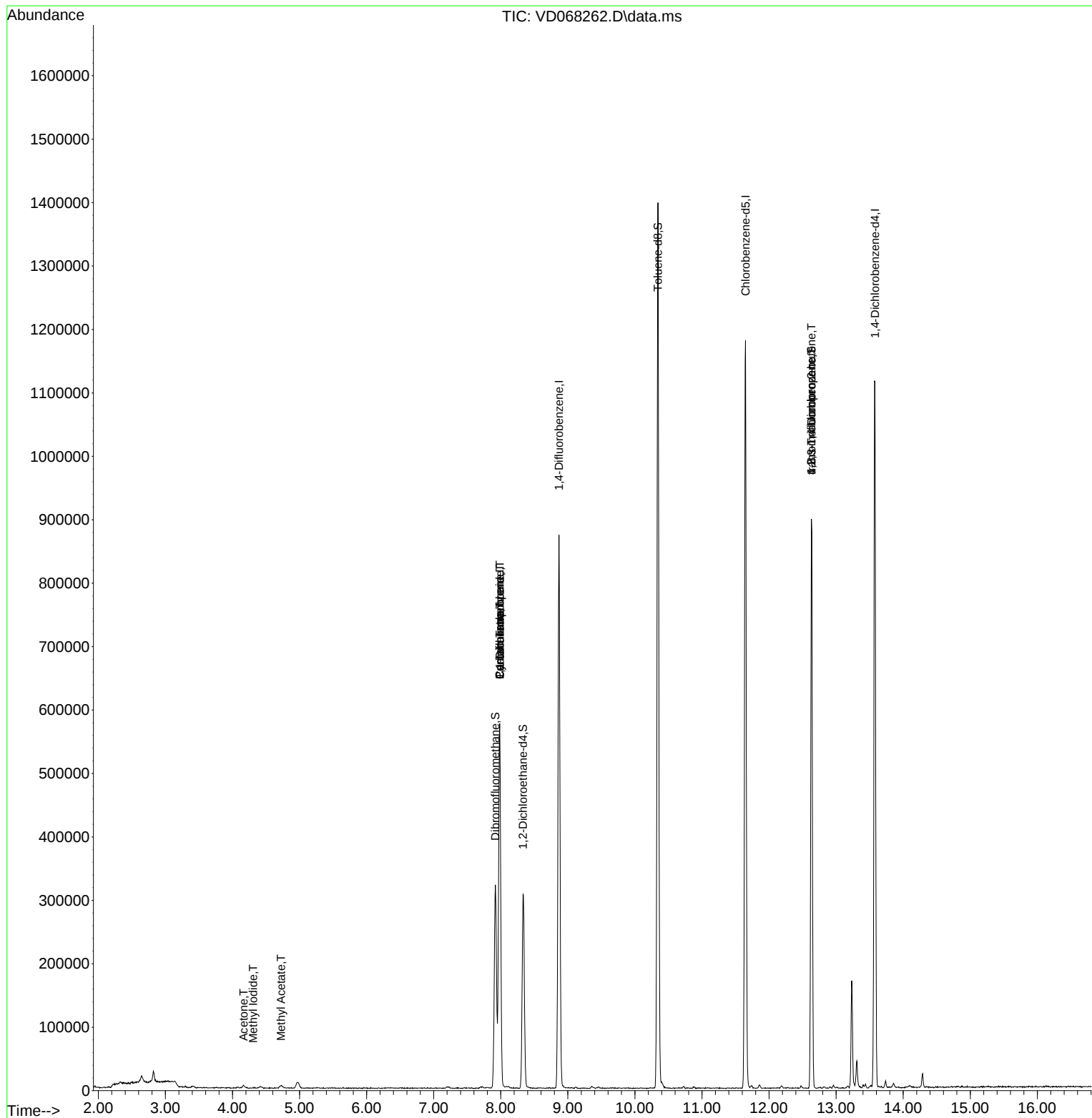
Target Compounds						Qvalue
10) Methyl Iodide	4.308	142	444	3.24	ug/l #	54
11) Tert butyl alcohol	5.232	59	350	Below	Cal #	74
16) Acetone	4.167	43	6833	9.24	ug/l	95
18) Methyl Acetate	4.726	43	7982	4.16	ug/l #	83
20) Methylene Chloride	4.967	84	7827	Below	Cal	94
31) Cyclohexane	7.985	56	10134	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	35261	4.53	ug/l #	47
38) Carbon Tetrachloride	7.985	117	44860	6.15	ug/l #	16
76) 1,2,3-Trichloropropane	12.631	75	158690	52.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	158690	106.32	ug/l #	13

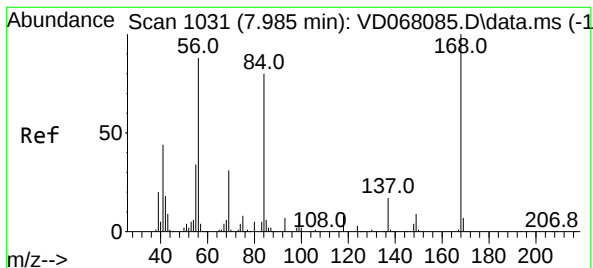
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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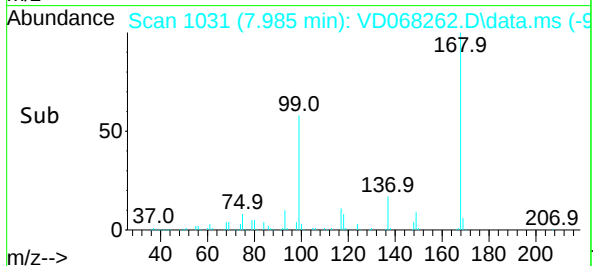
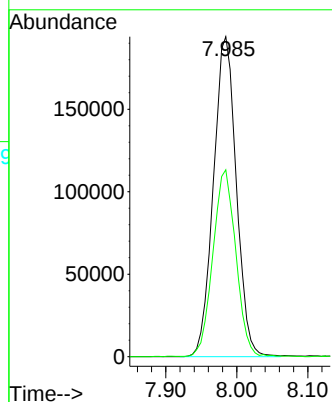
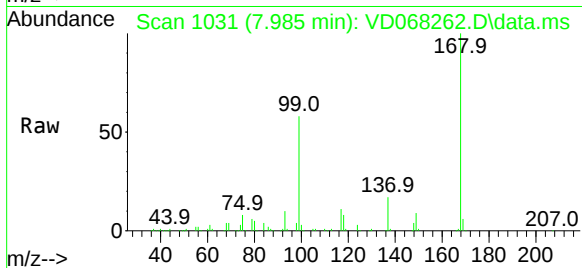




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

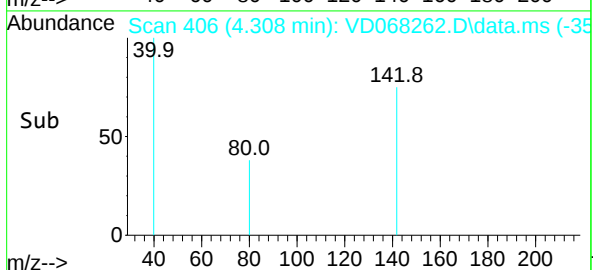
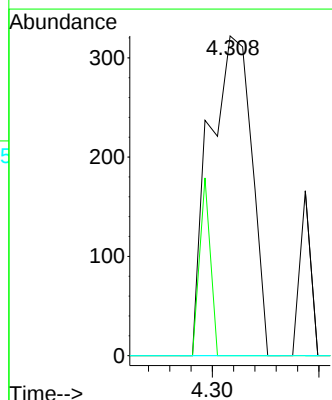
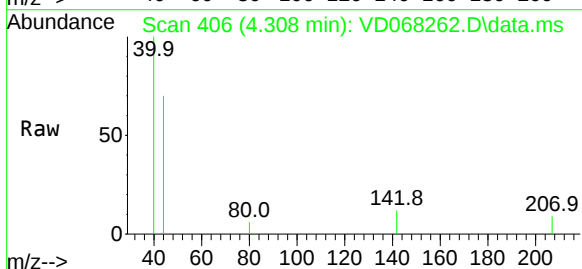
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 433033
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.24 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

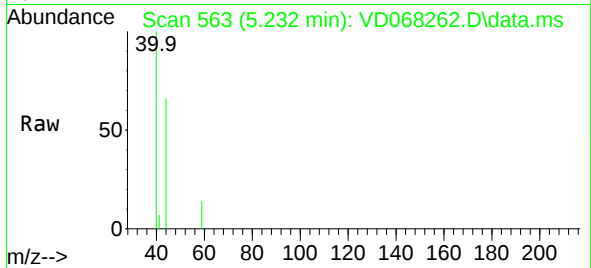
Tgt Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
127 14.2 37.9 56.9#
141 0.0 11.5 17.3#



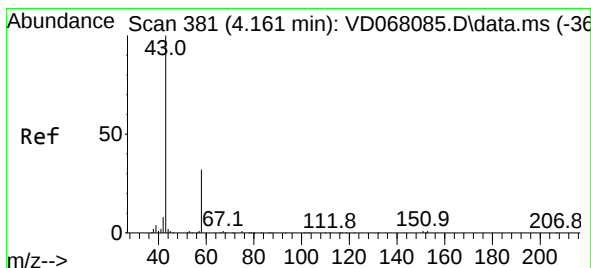
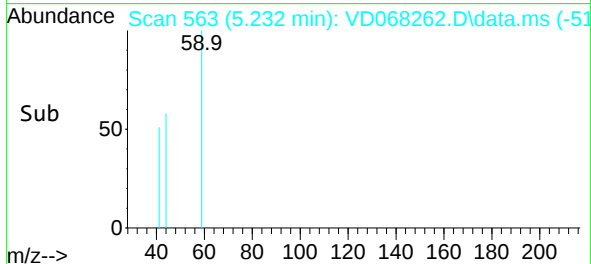
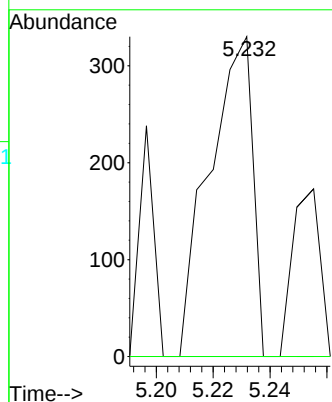


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Instrument :
MSVOA_D
ClientSampled :

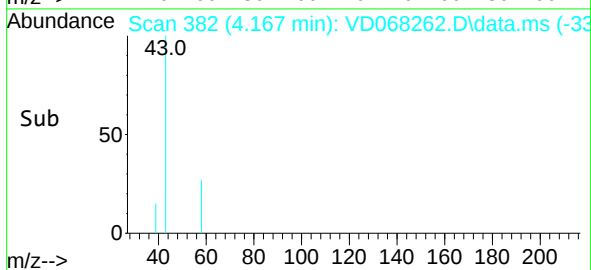
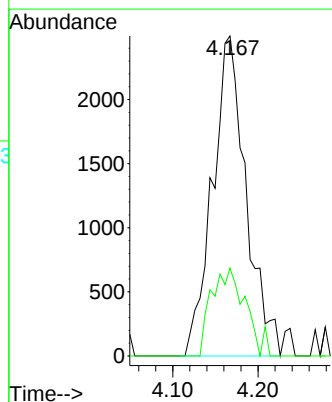
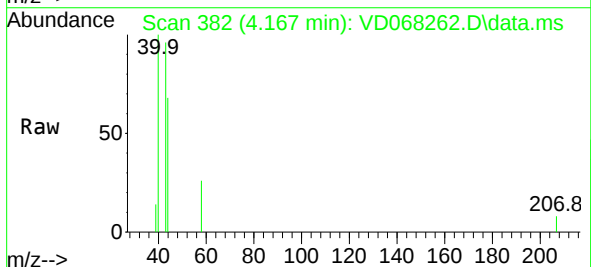


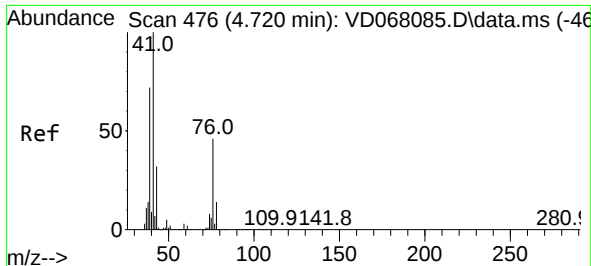
Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 9.24 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
58 27.4 24.2 36.4





#18

Methyl Acetate

Concen: 4.16 ug/l

RT: 4.726 min Scan# 477

Delta R.T. 0.006 min

Lab File: VD068262.D

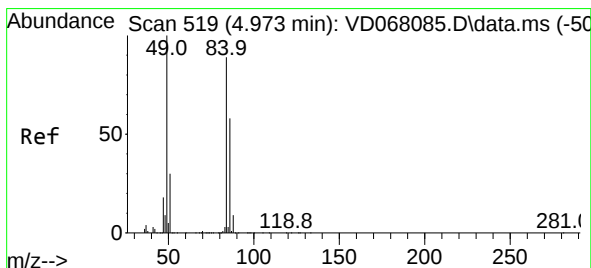
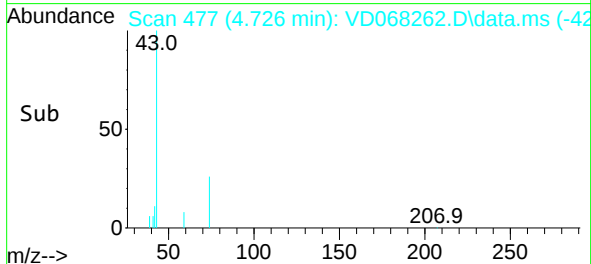
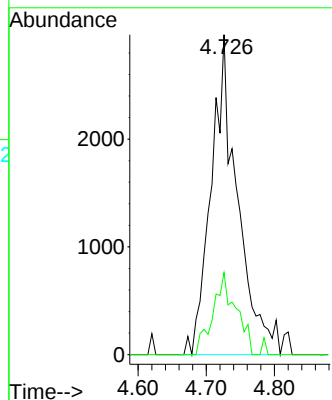
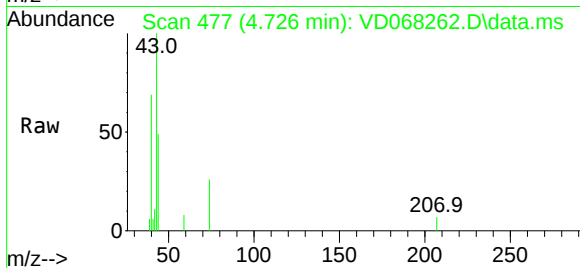
Acq: 03 Feb 2021 15:01

Tgt Ion: 43 Resp: 7982

Ion Ratio Lower Upper

43 100

74 22.5 25.4 38.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068262.D

Acq: 03 Feb 2021 15:01

Tgt Ion: 84 Resp: 7827

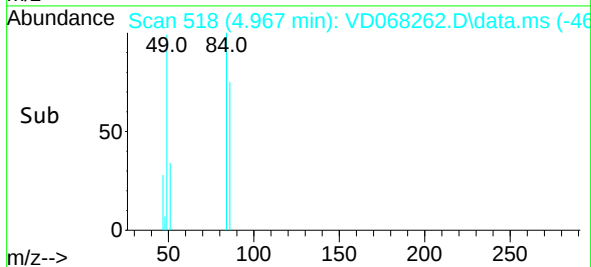
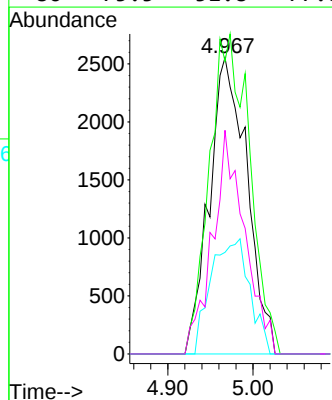
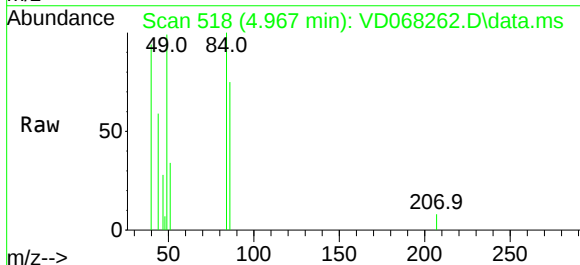
Ion Ratio Lower Upper

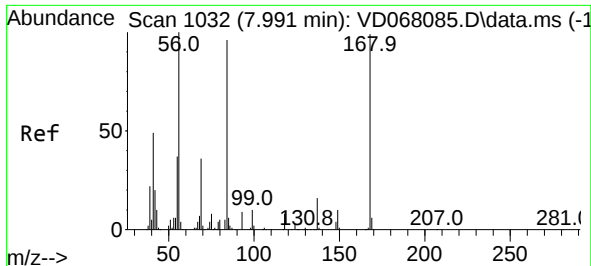
84 100

49 98.7 77.4 116.2

51 34.3 26.1 39.1

86 75.5 51.8 77.8

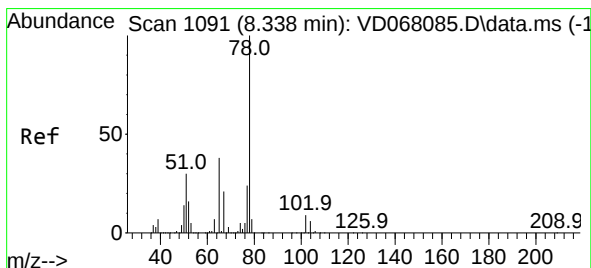
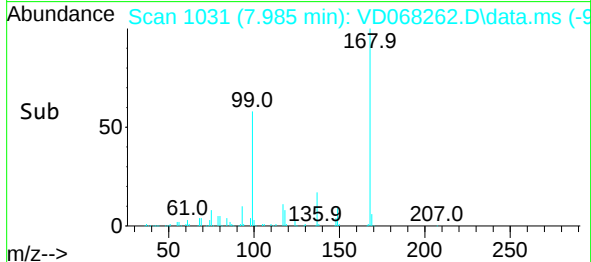
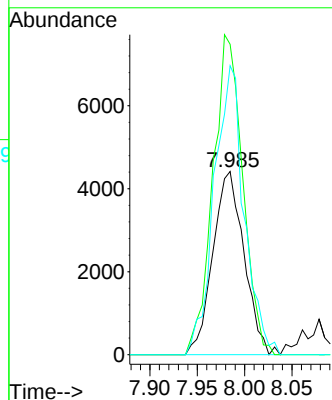
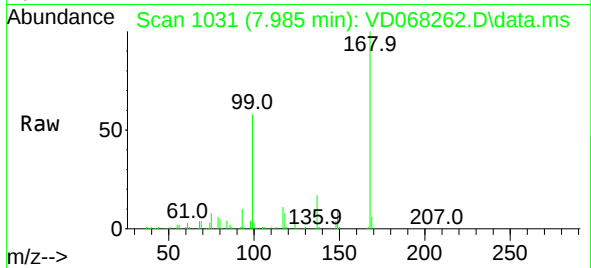




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

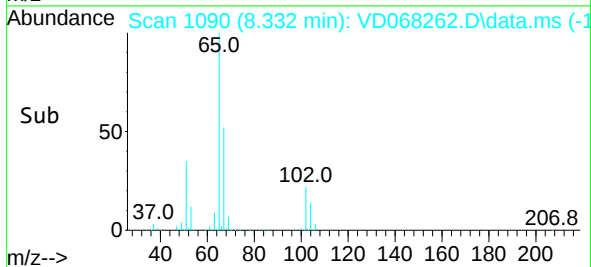
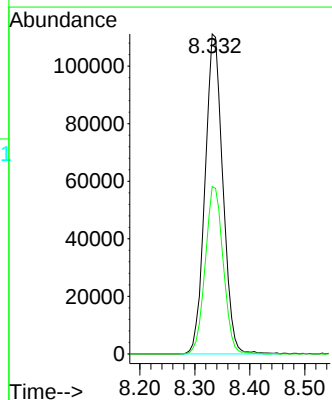
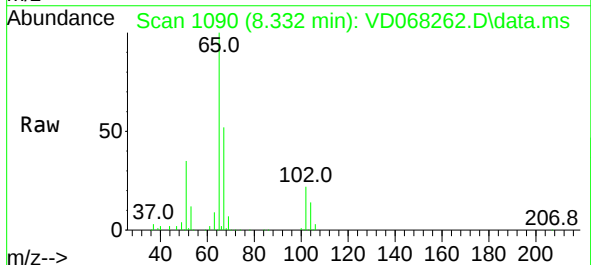
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 10134
Ion Ratio Lower Upper
56 100
69 169.4 30.1 45.1#
84 157.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 60.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

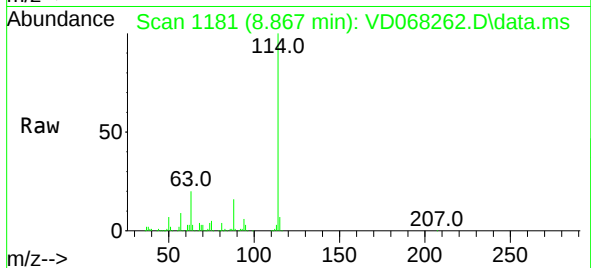
Tgt Ion: 65 Resp: 250125
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



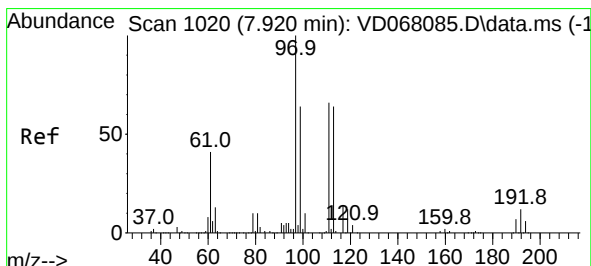
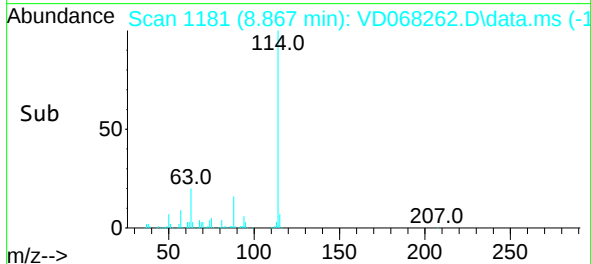
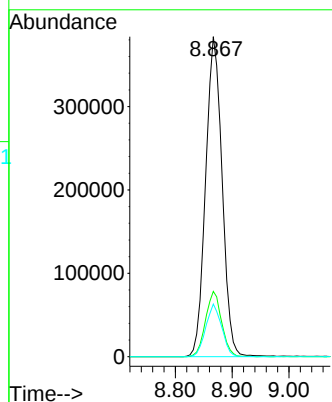


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :

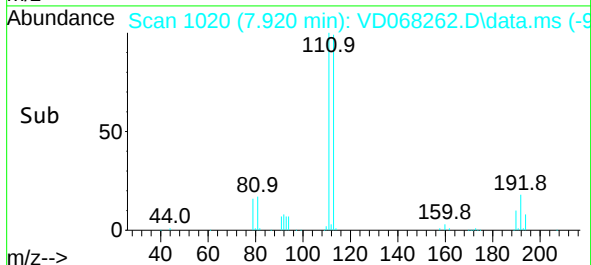
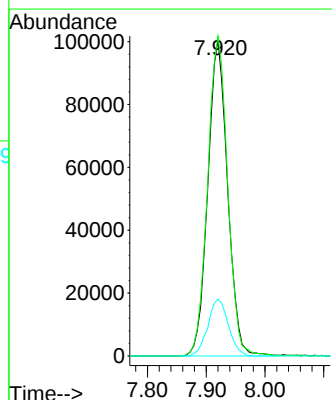
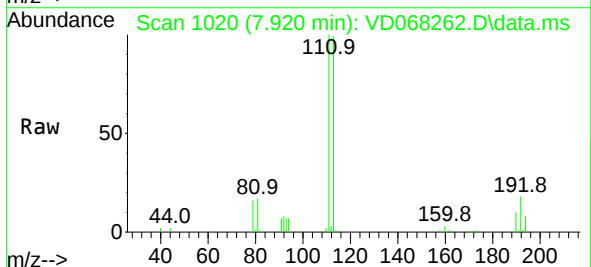


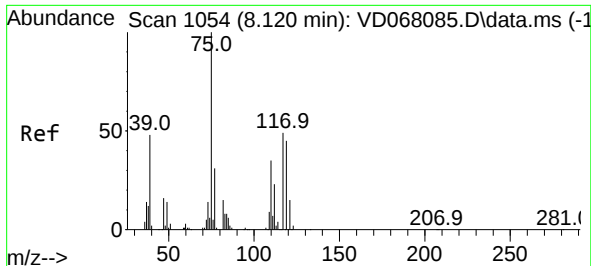
Tgt Ion:114 Resp: 772300
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.84 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion:113 Resp: 234130
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.7 16.1 24.1

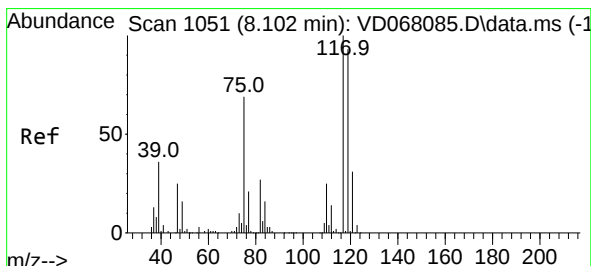
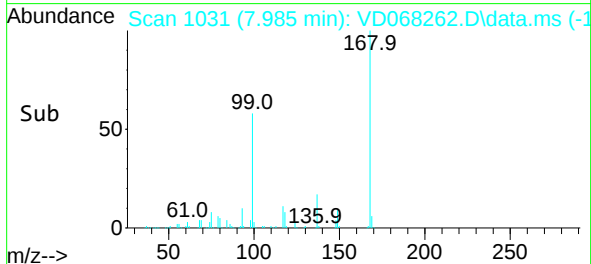
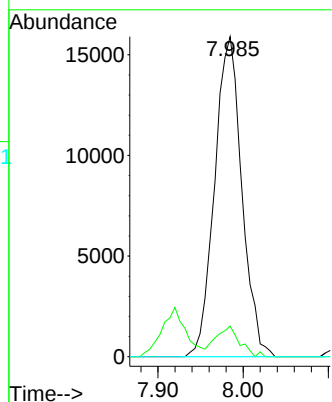
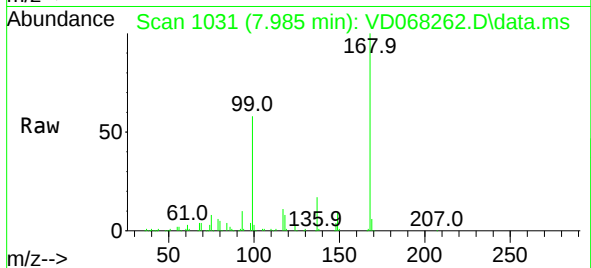




#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

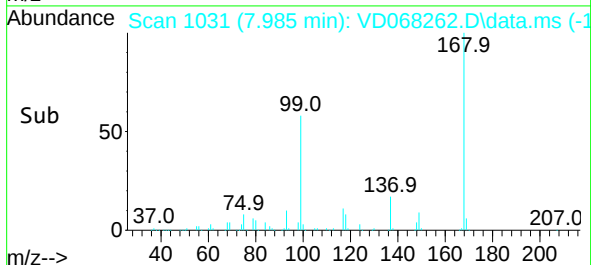
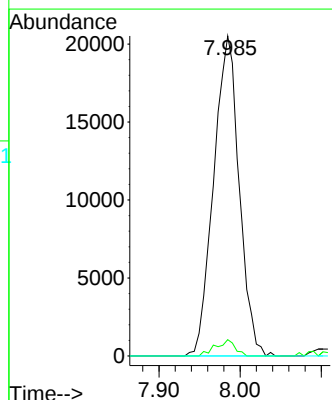
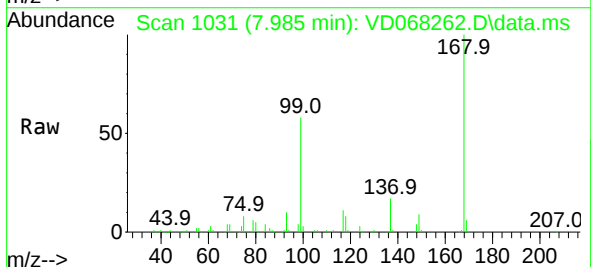
Instrument :
MSVOA_D
ClientSampled :

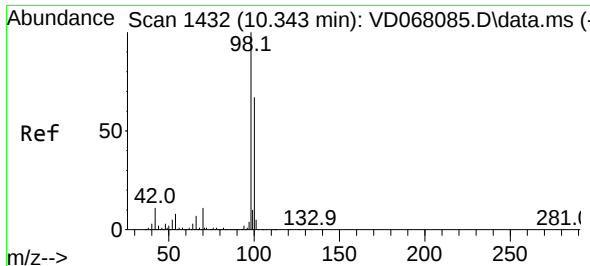
Tgt Ion: 75 Resp: 35261
Ion Ratio Lower Upper
75 100
110 8.4 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion: 117 Resp: 44860
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.7 37.1#

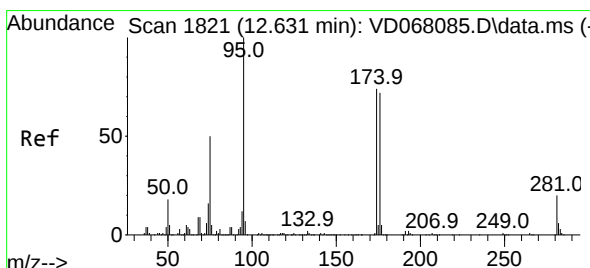
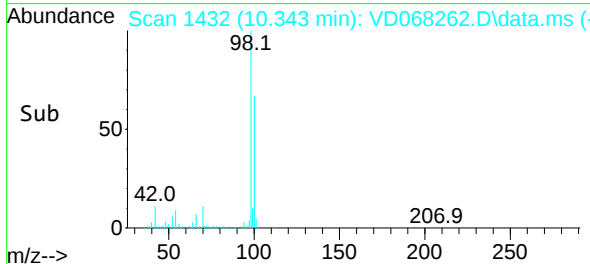
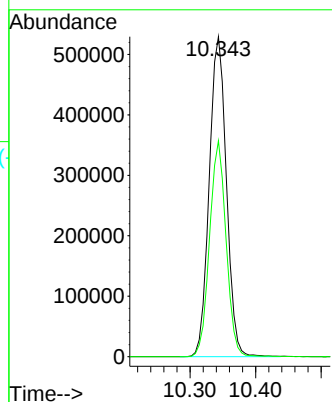
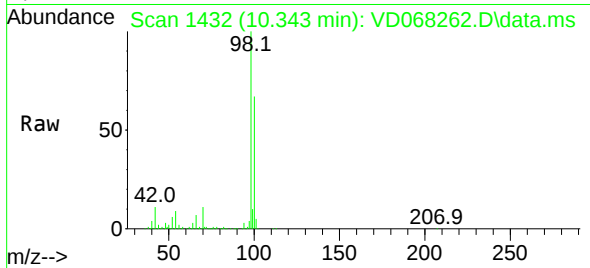




#50
Toluene-d8
Concen: 56.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

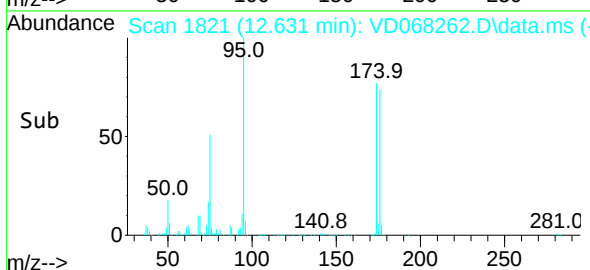
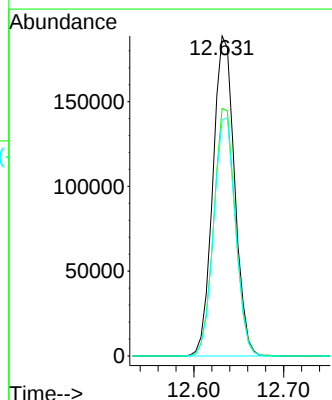
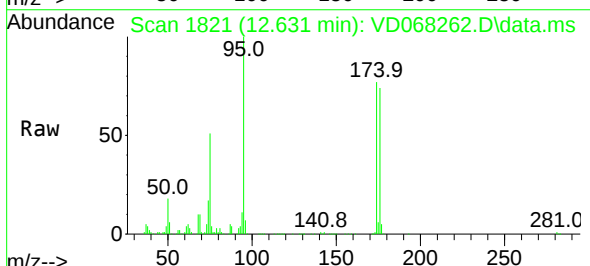
Instrument :
MSVOA_D
ClientSampled :

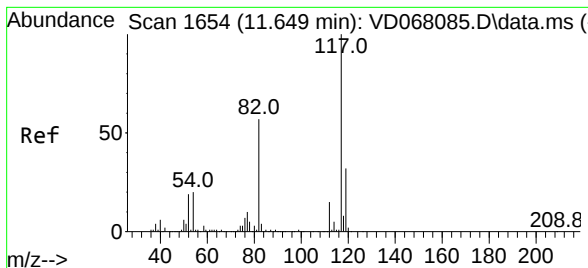
Tgt Ion: 98 Resp: 963811
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.53 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion: 95 Resp: 316952
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 74.5 0.0 168.4

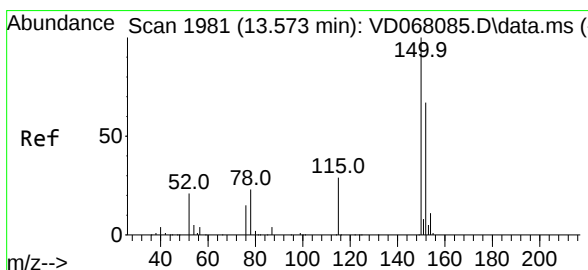
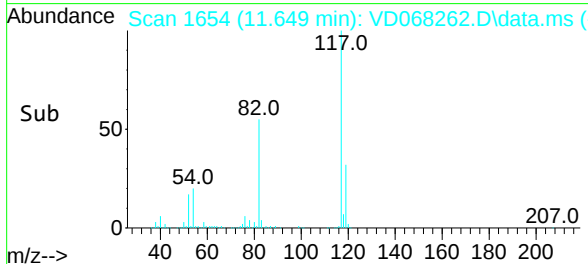
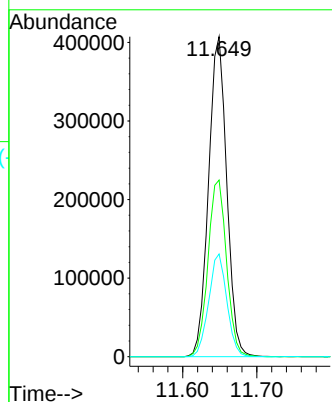
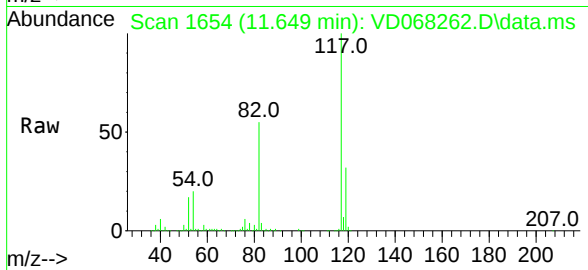




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

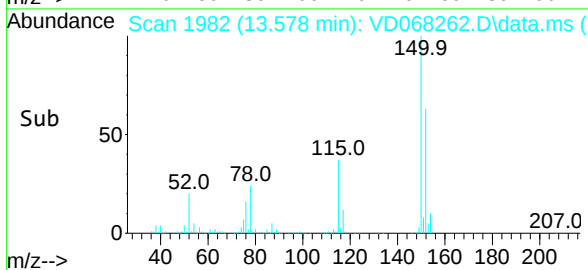
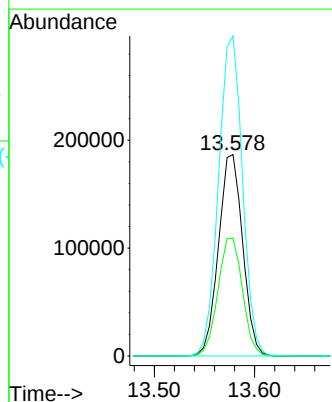
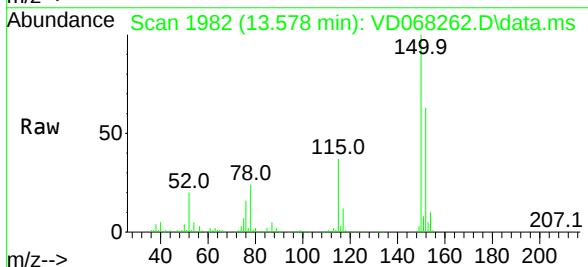
Instrument :
MSVOA_D
ClientSampleId :

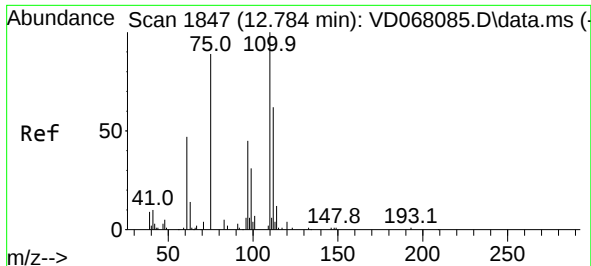
Tgt Ion:117 Resp: 694697
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion:152 Resp: 312376
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 157.7 0.0 344.4

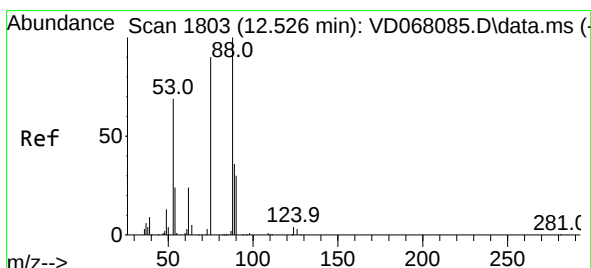
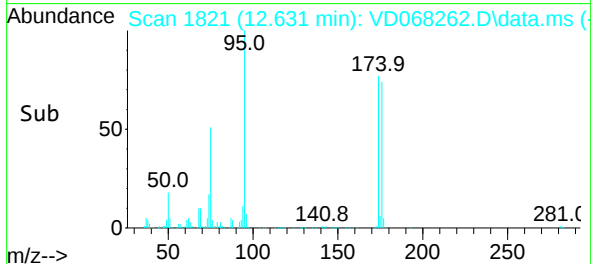
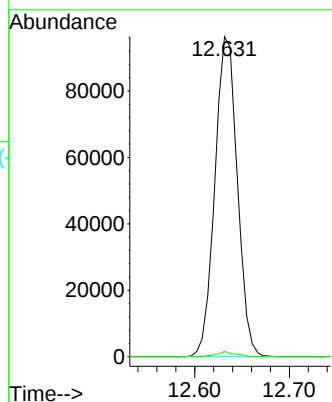
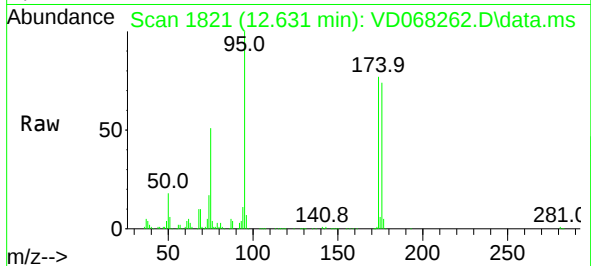




#76
1,2,3-Trichloropropane
Concen: 52.54 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 158690
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.32 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068262.D
Acq: 03 Feb 2021 15:01

Tgt Ion: 75 Resp: 158690
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

