

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068266.D
 Acq On : 03 Feb 2021 16:50
 Operator : VA/SY
 Sample : M1292-10
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:43:25 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)

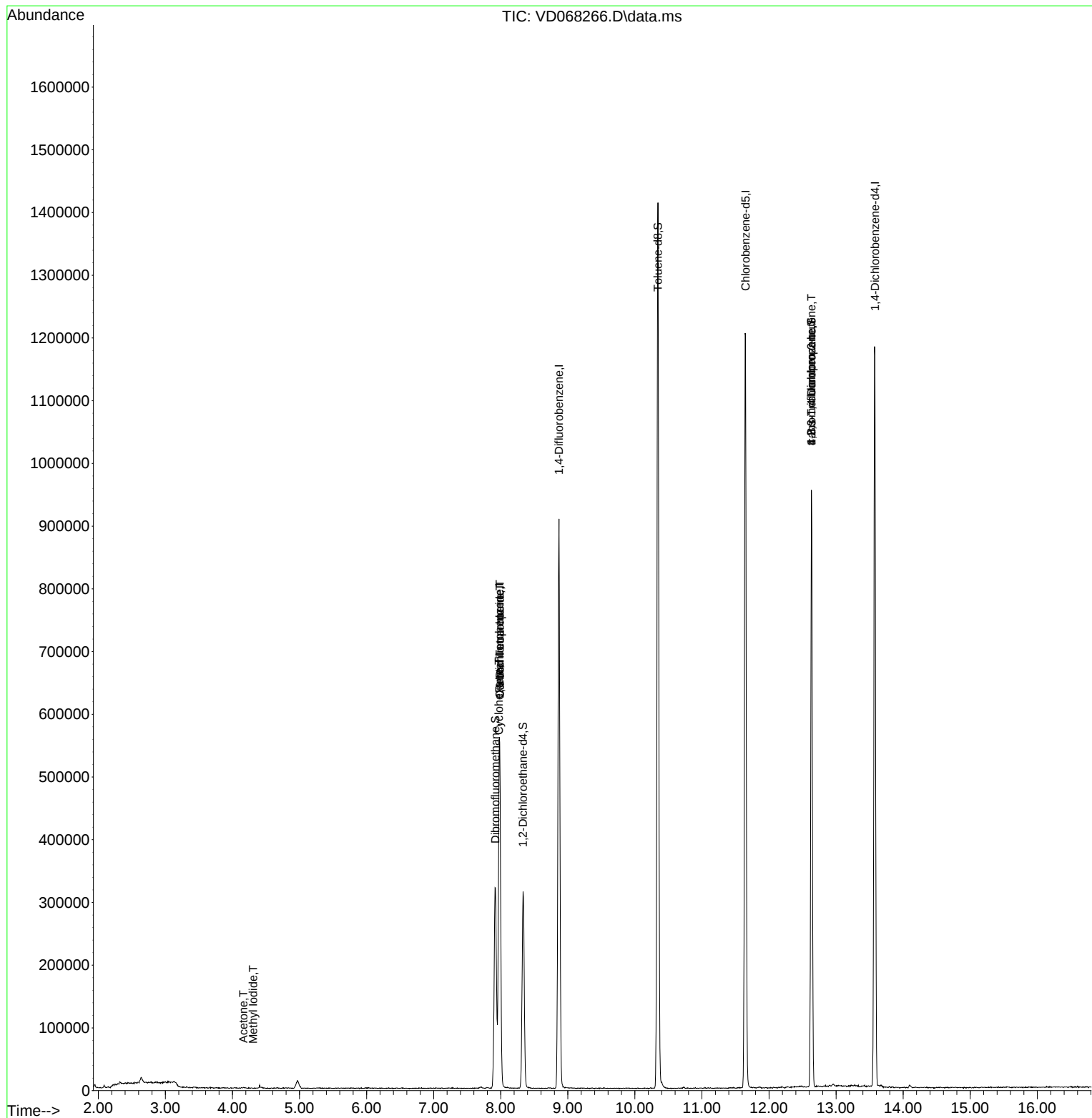
Internal Standards						
1) Pentafluorobenzene	7.979	168	432751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	797607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	732742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	323205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	254158	61.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.78%			
35) Dibromofluoromethane	7.920	113	241931	54.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.72%			
50) Toluene-d8	10.344	98	998589	56.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.22%			
62) 4-Bromofluorobenzene	12.632	95	326749	51.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.88%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	78	3.17	ug/l #	38
11) Tert butyl alcohol	5.209	59	54	Below Cal	#	74
16) Acetone	4.162	43	1388	1.88	ug/l #	44
20) Methylene Chloride	4.968	84	9640	Below Cal	#	83
31) Cyclohexane	7.973	56	9167	1.02	ug/l #	20
36) 1,1-Dichloropropene	7.985	75	35293	4.39	ug/l #	47
38) Carbon Tetrachloride	7.985	117	44023	5.85	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	165685	53.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	165685	107.29	ug/l #	13

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

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QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

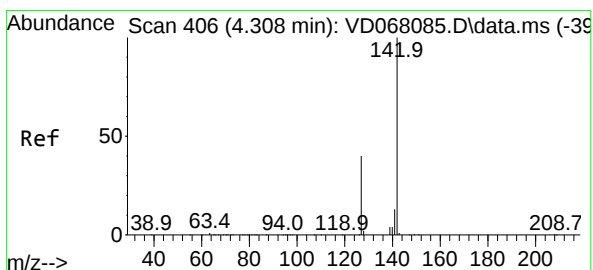
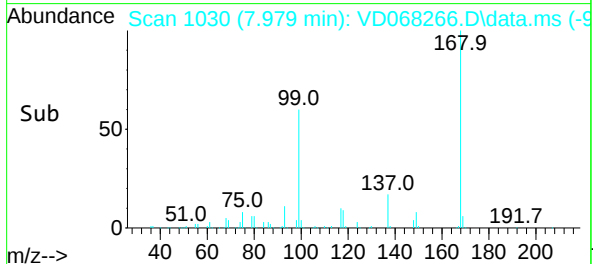
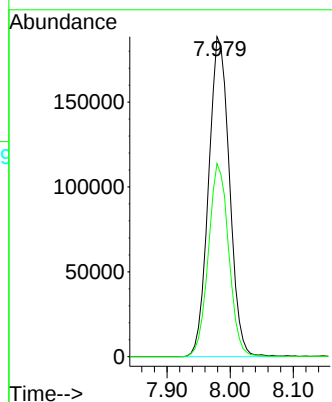
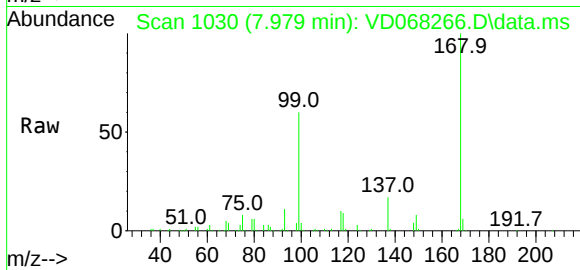




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

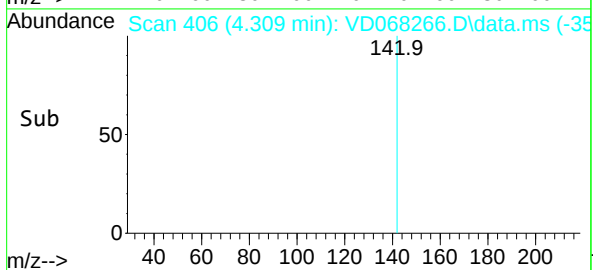
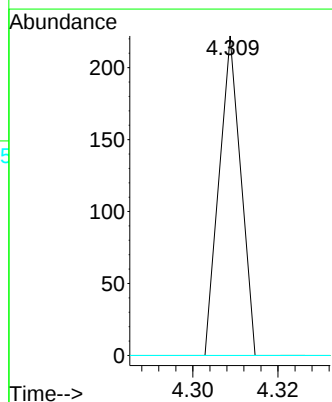
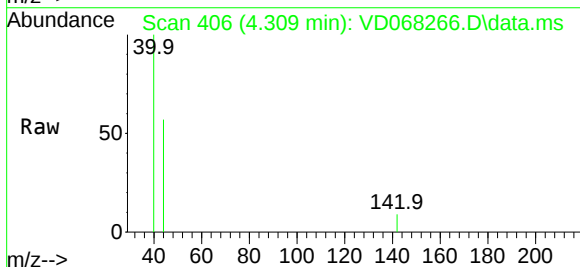
Instrument :
MSVOA_D
ClientSampled :

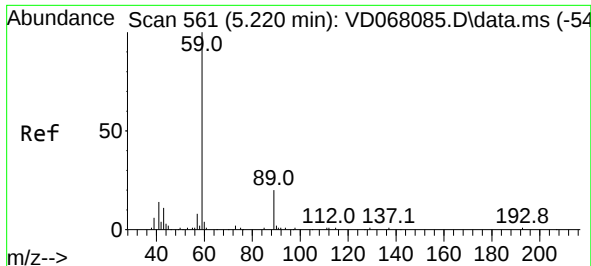
Tgt Ion:168 Resp: 432751
Ion Ratio Lower Upper
168 100
99 60.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion:142 Resp: 78
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

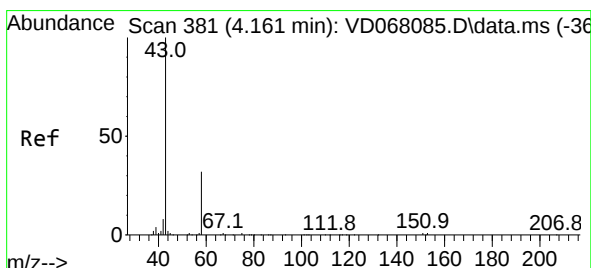
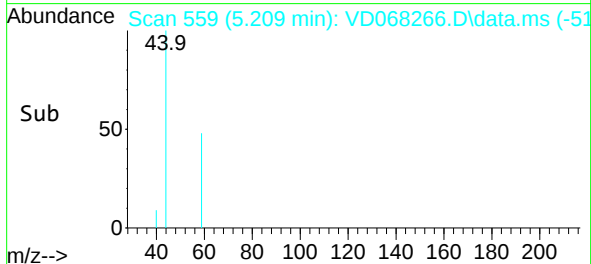
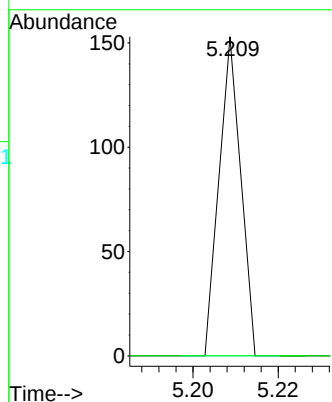
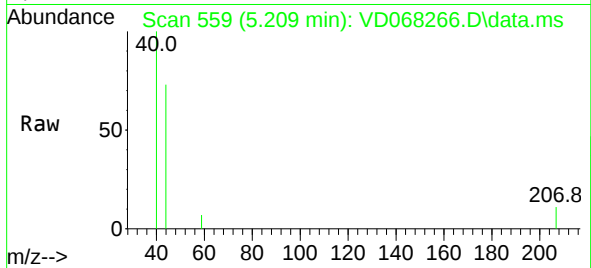




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

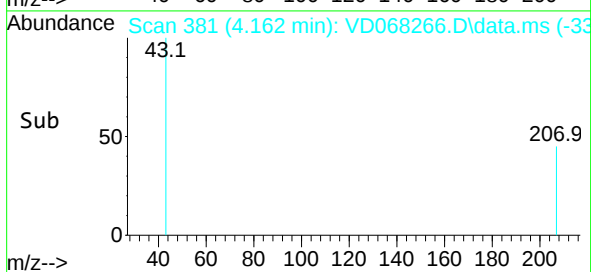
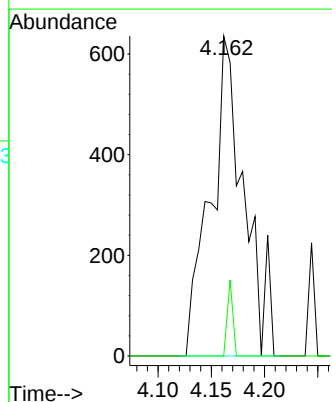
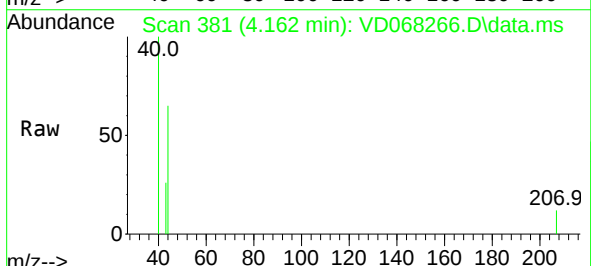
Instrument :
MSVOA_D
ClientSampled :

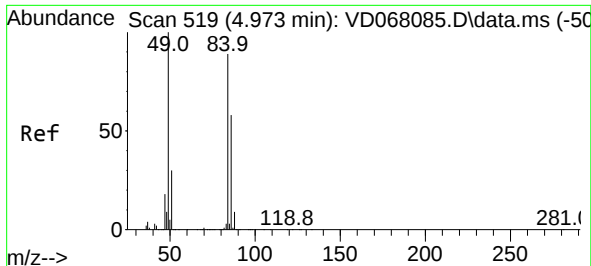
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.88 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

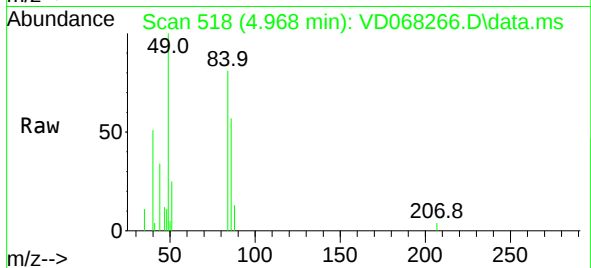
Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



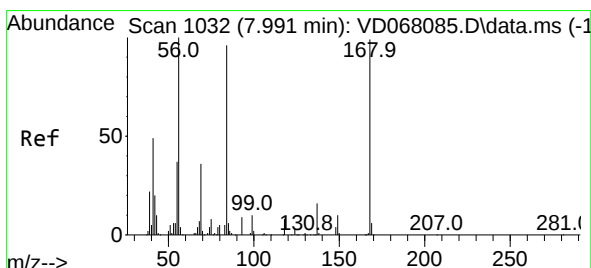
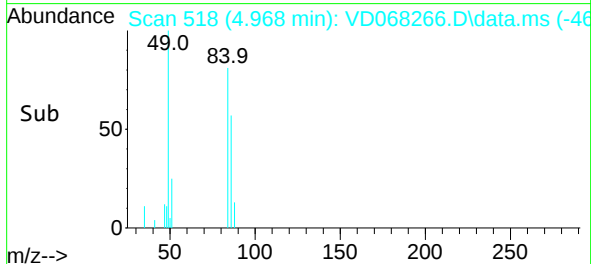
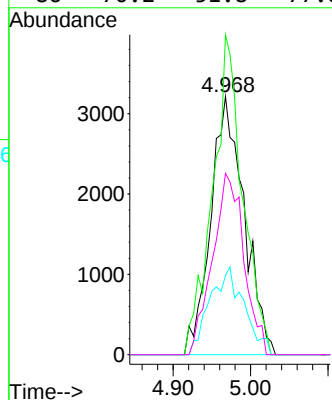


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

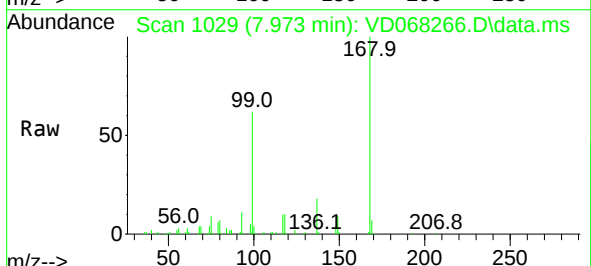
Instrument :
MSVOA_D
ClientSampled :



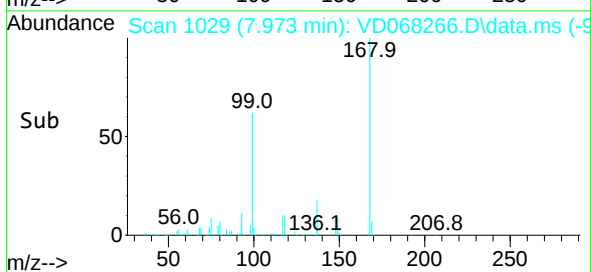
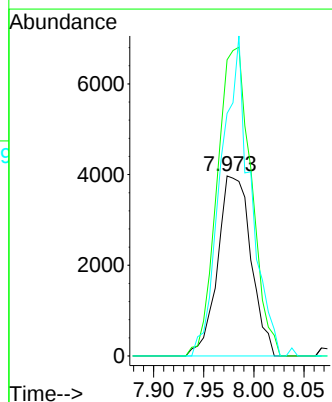
Tgt Ion: 84 Resp: 9640
Ion Ratio Lower Upper
84 100
49 123.9 77.4 116.2#
51 30.6 26.1 39.1
86 70.2 51.8 77.8

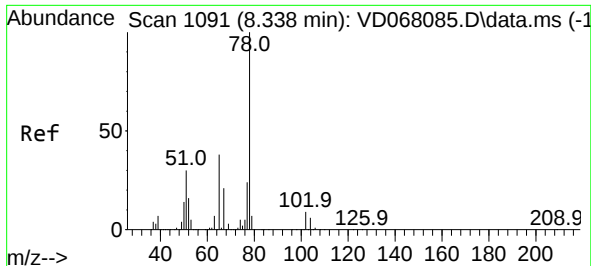


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50



Tgt Ion: 56 Resp: 9167
Ion Ratio Lower Upper
56 100
69 164.4 30.1 45.1#
84 134.7 82.1 123.1#

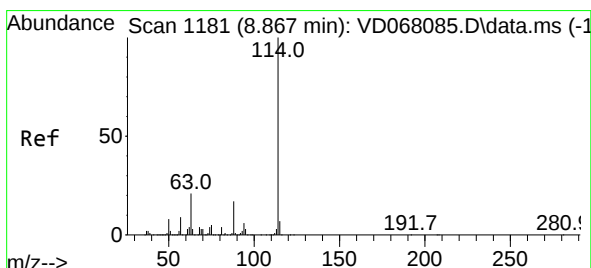
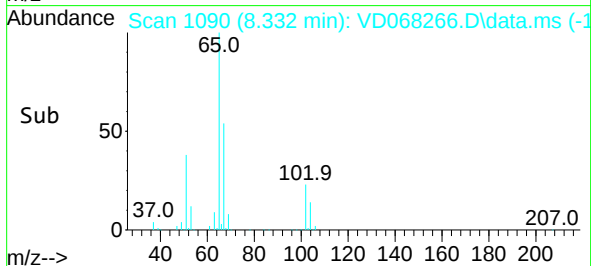
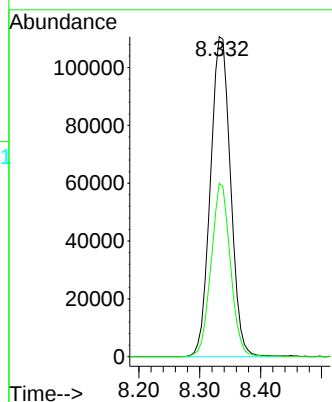
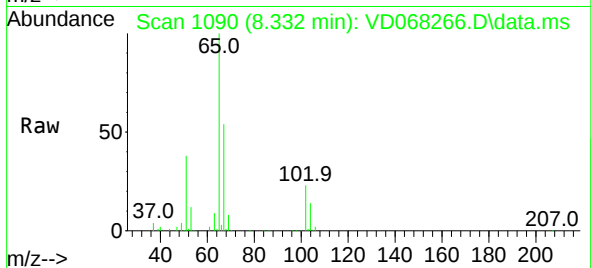




#33
1,2-Dichloroethane-d4
Concen: 61.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

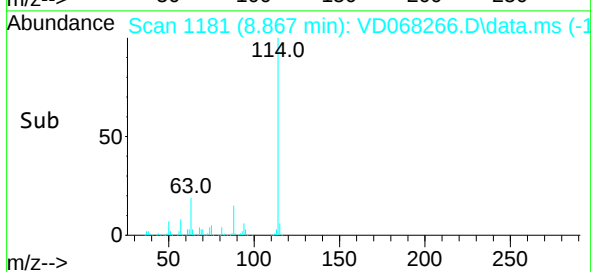
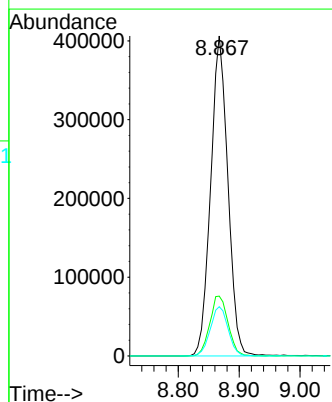
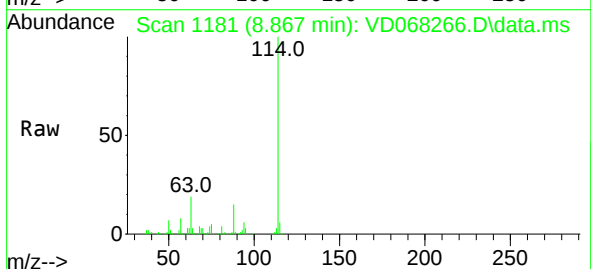
Instrument :
MSVOA_D
ClientSampled :

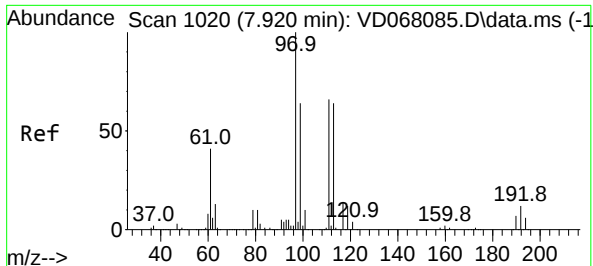
Tgt Ion: 65 Resp: 254158
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion: 114 Resp: 797607
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.86 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068266.D

Acq: 03 Feb 2021 16:50

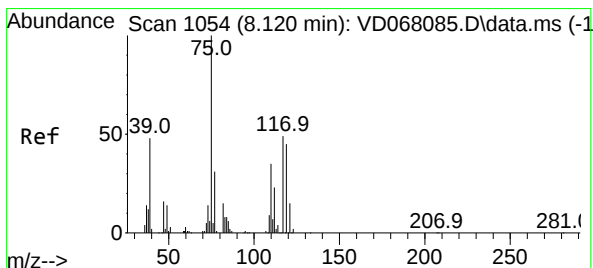
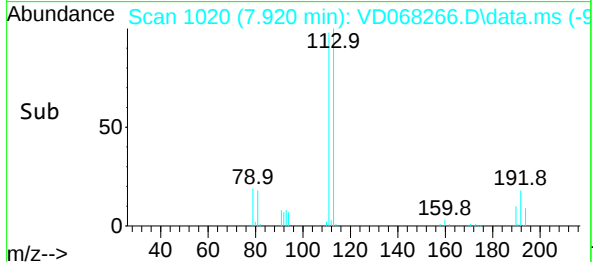
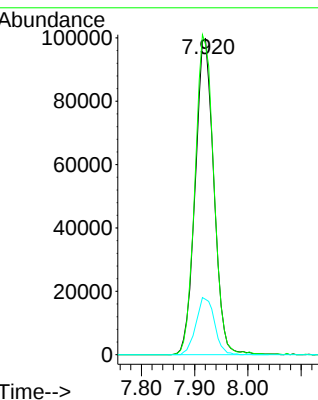
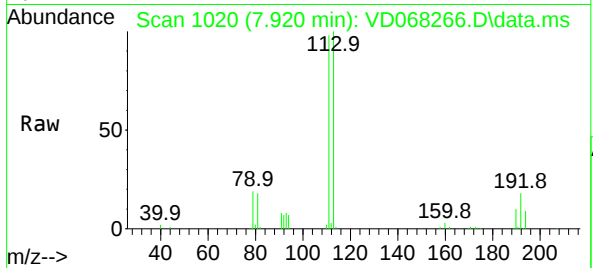
Tgt Ion:113 Resp: 241931

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068266.D

Acq: 03 Feb 2021 16:50

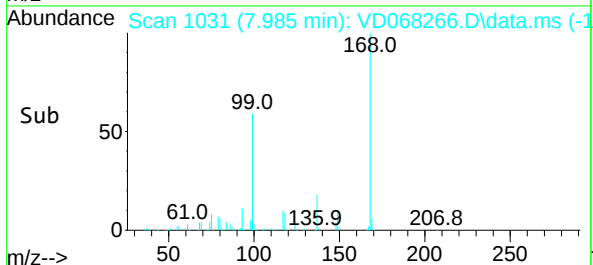
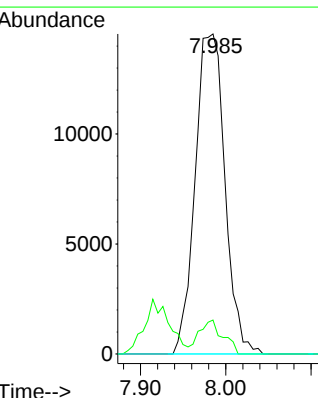
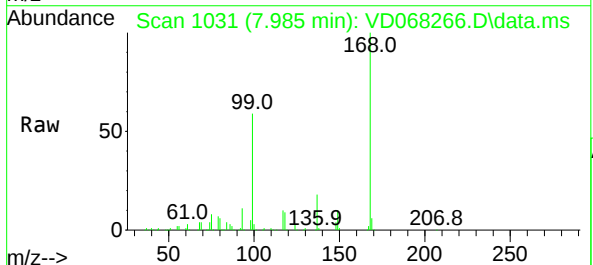
Tgt Ion: 75 Resp: 35293

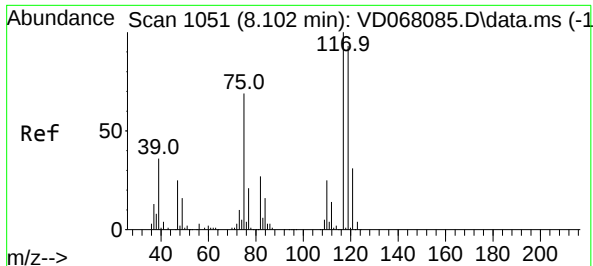
Ion Ratio Lower Upper

75 100

110 8.5 19.4 58.2#

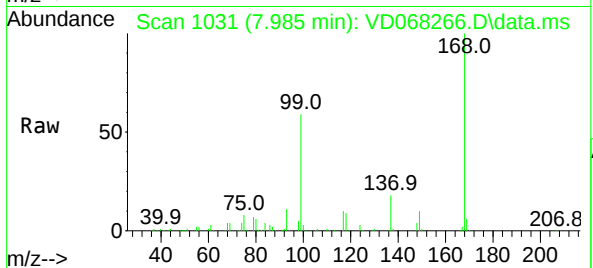
77 0.0 25.3 37.9#



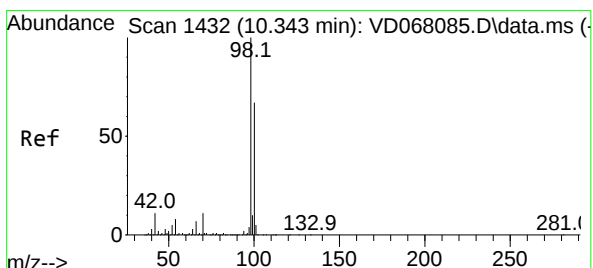
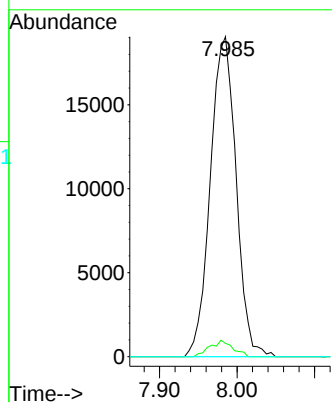
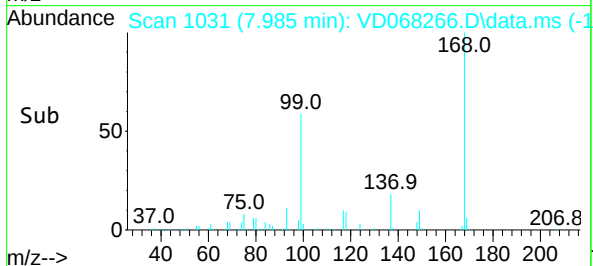


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

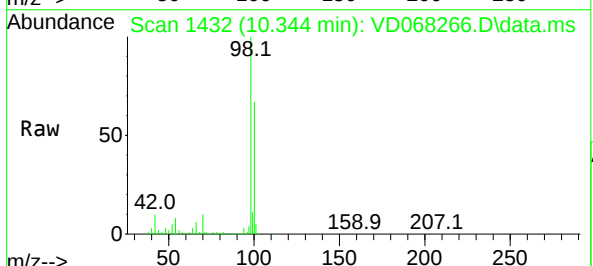
Instrument :
MSVOA_D
ClientSampled :



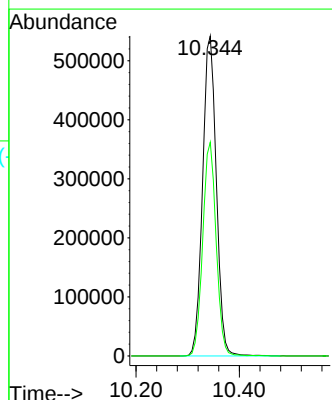
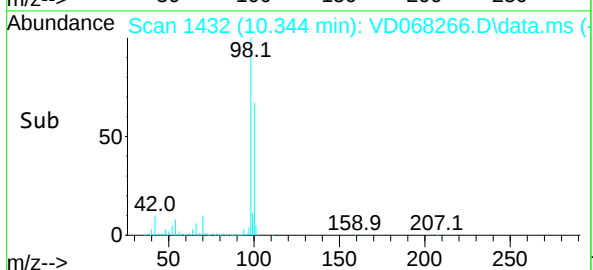
Tgt Ion:117 Resp: 44023
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.7 37.1#

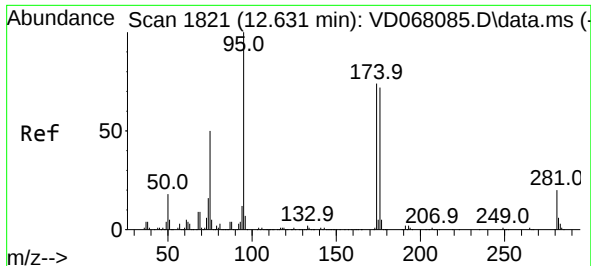


#50
Toluene-d8
Concen: 56.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50



Tgt Ion: 98 Resp: 998589
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

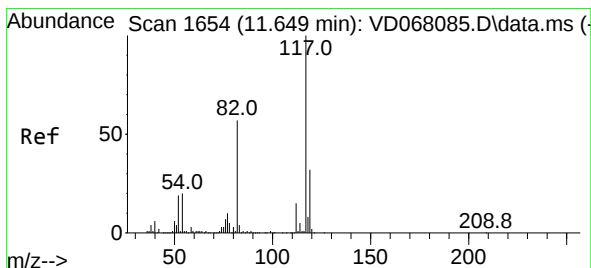
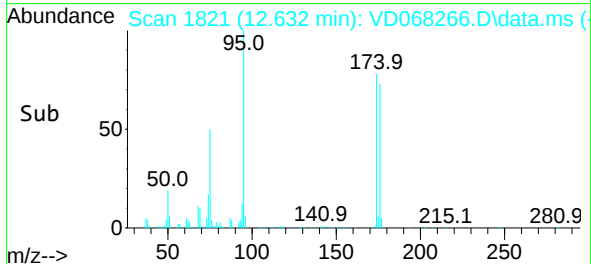
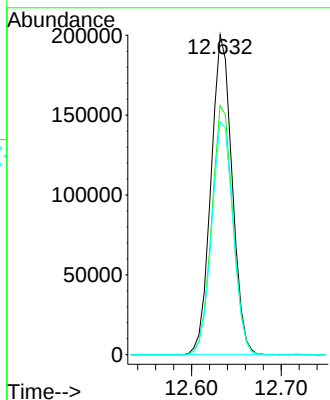
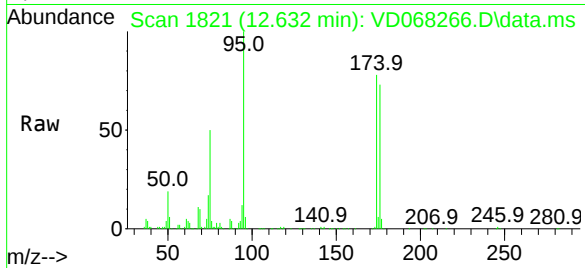




#62
4-Bromofluorobenzene
Concen: 51.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

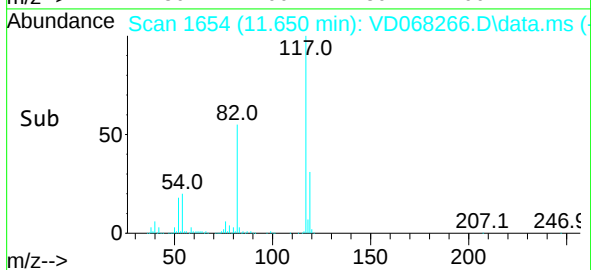
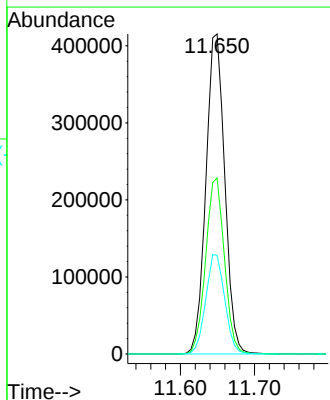
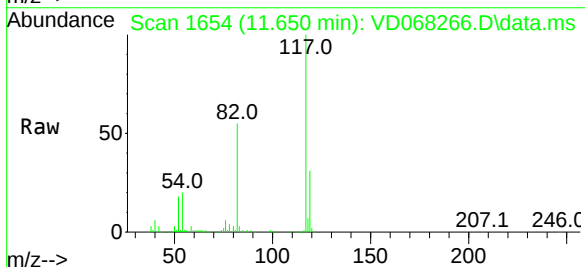
Instrument :
MSVOA_D
ClientSampleId :

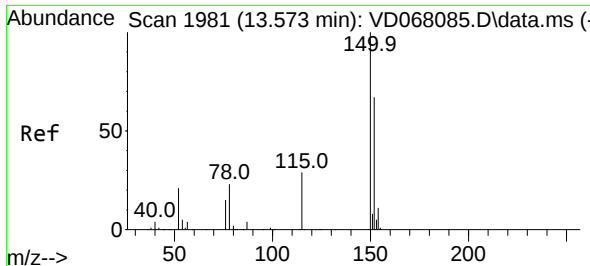
Tgt Ion: 95 Resp: 326749
Ion Ratio Lower Upper
95 100
174 78.4 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068266.D
Acq: 03 Feb 2021 16:50

Tgt Ion: 117 Resp: 732742
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 30.8 26.1 39.1

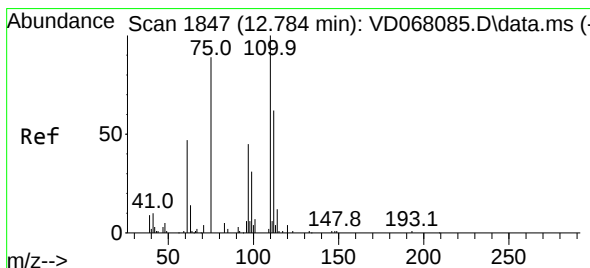
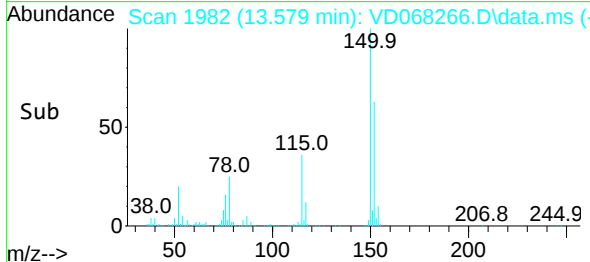
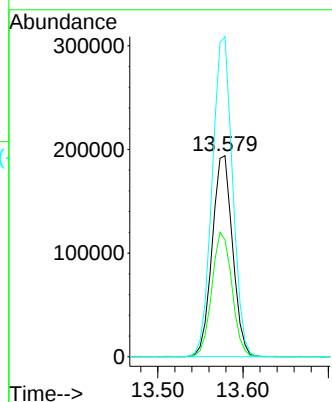
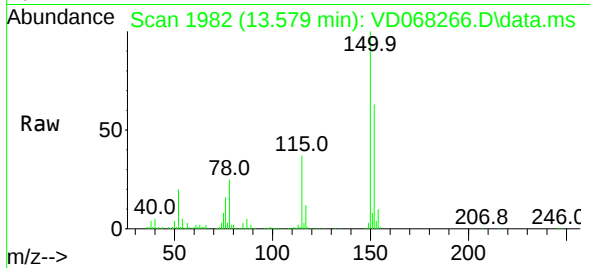




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VD068266.D
 Acq: 03 Feb 2021 16:50

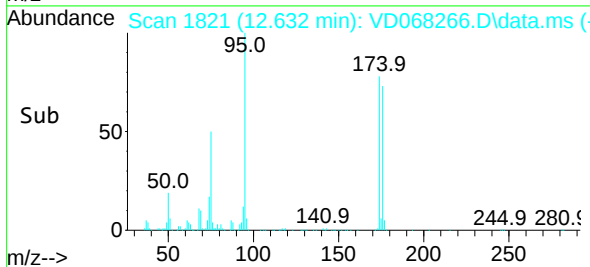
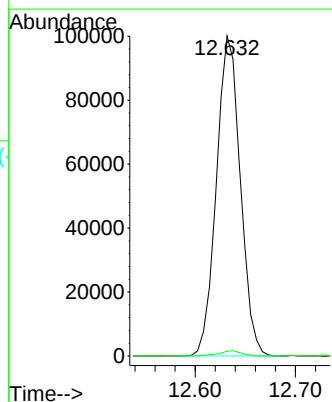
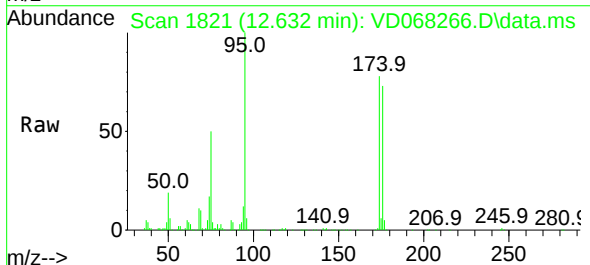
Instrument :
 MSVOA_D
 ClientSampled :

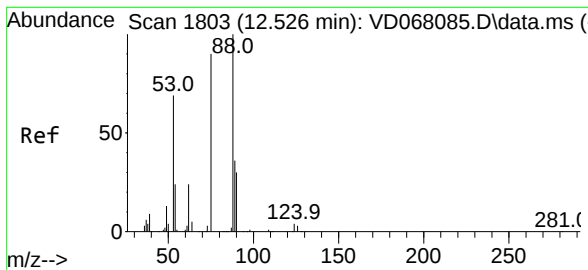
Tgt Ion:152 Resp: 323205
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.9 86.8
 150 158.7 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 53.02 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068266.D
 Acq: 03 Feb 2021 16:50

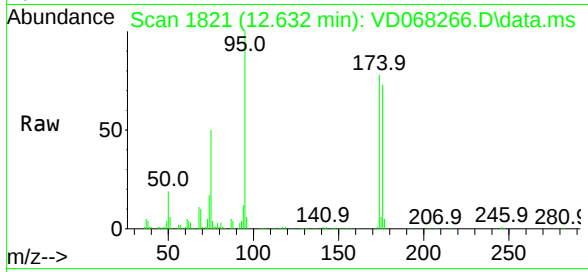
Tgt Ion: 75 Resp: 165685
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.29 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068266.D
 Acq: 03 Feb 2021 16:50

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 165685
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

