

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068192.D
 Acq On : 26 Jan 2021 17:55
 Operator : VA/SY
 Sample : M1236-03
 Misc : 6.,44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:13:11 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)

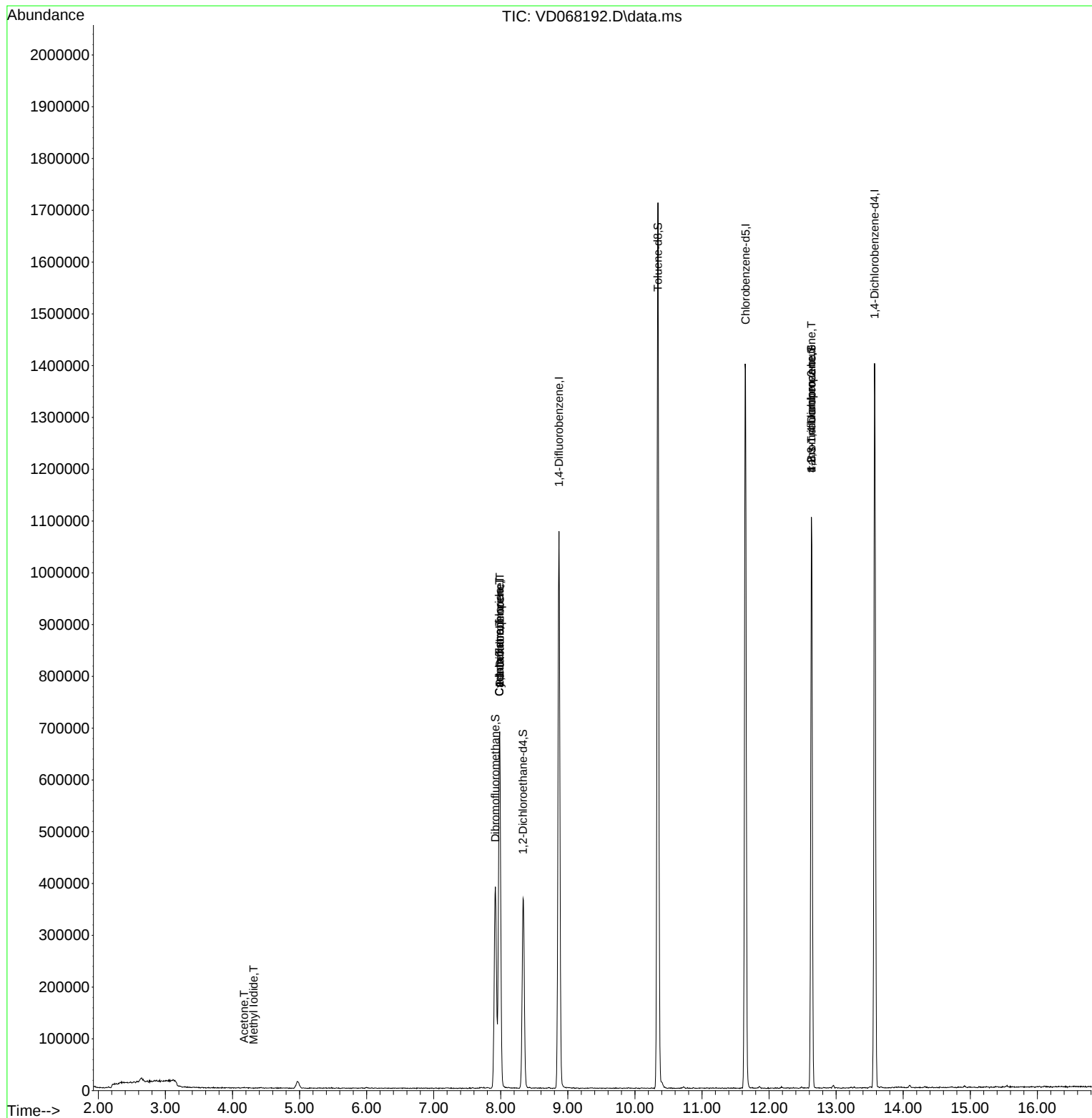
Internal Standards						
1) Pentafluorobenzene	7.985	168	528283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	949333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	854553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	376478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	301457	59.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.30%
35) Dibromofluoromethane	7.920	113	289848	55.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.46%
50) Toluene-d8	10.343	98	1177647	56.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.18%
62) 4-Bromofluorobenzene	12.631	95	386967	51.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.36%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	59	3.17	ug/l #	38
11) Tert butyl alcohol	5.214	59	80	Below Cal	#	74
16) Acetone	4.173	43	2366	2.62	ug/l	90
20) Methylene Chloride	4.961	84	6240	Below Cal	#	79
31) Cyclohexane	7.979	56	11408	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	42352	4.42	ug/l #	47
38) Carbon Tetrachloride	7.979	117	53523	5.97	ug/l #	15
76) 1,2,3-Trichloropropane	12.631	75	195160	53.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	195160	108.49	ug/l #	13

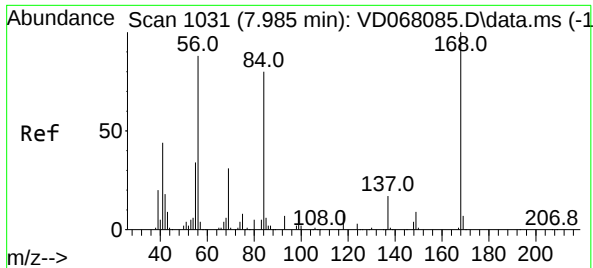
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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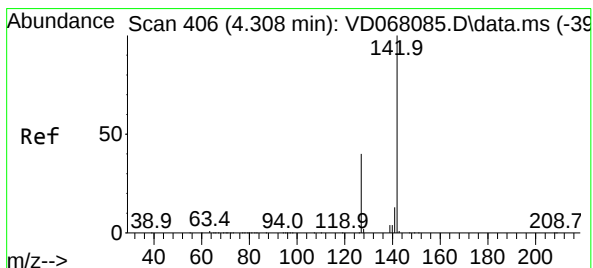
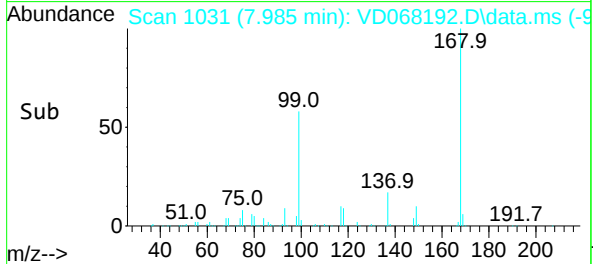
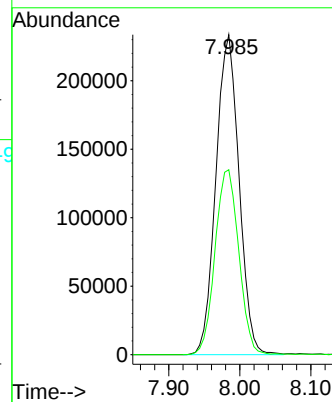
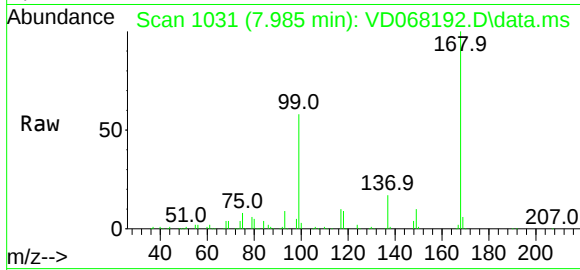




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

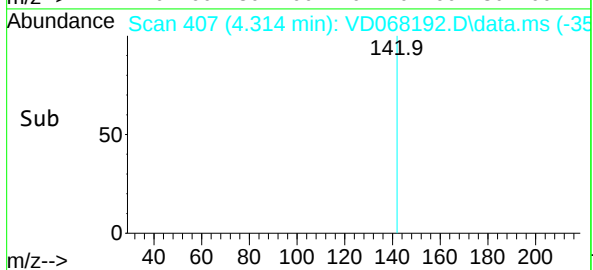
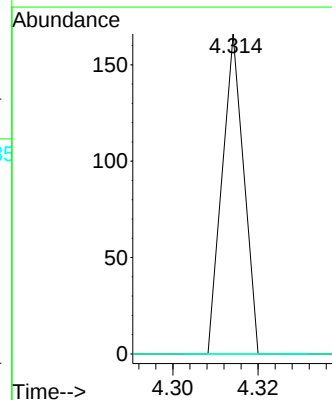
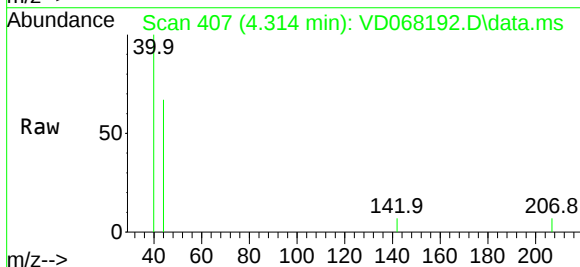
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 528283
Ion Ratio Lower Upper
168 100
99 57.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

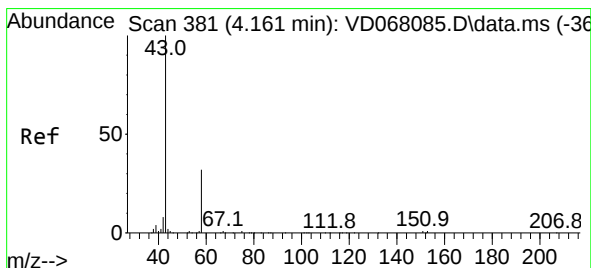
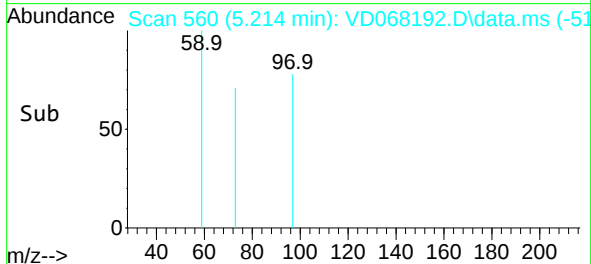
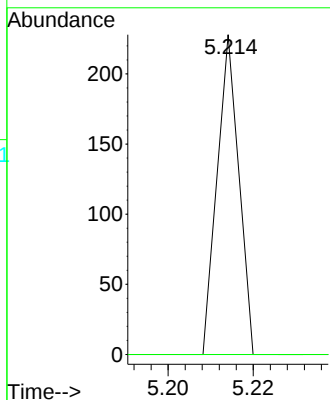
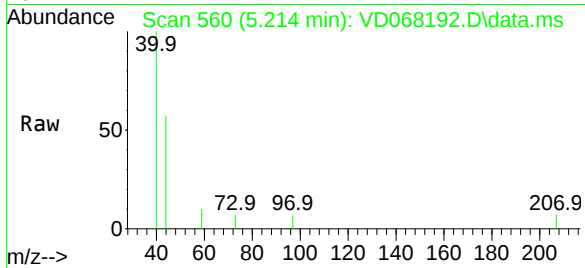




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

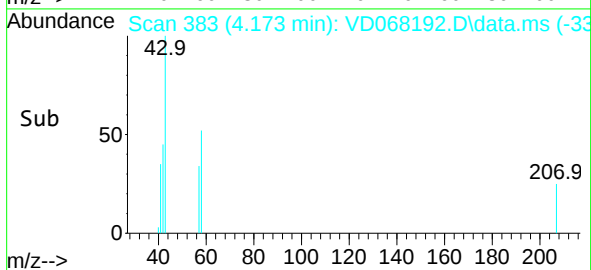
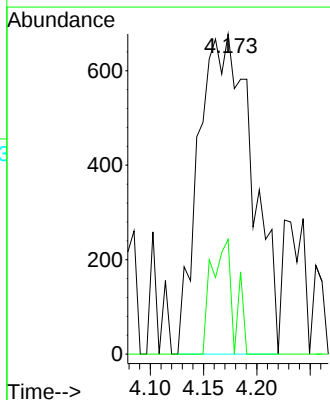
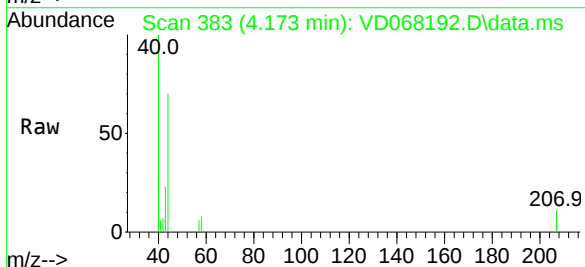
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.62 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

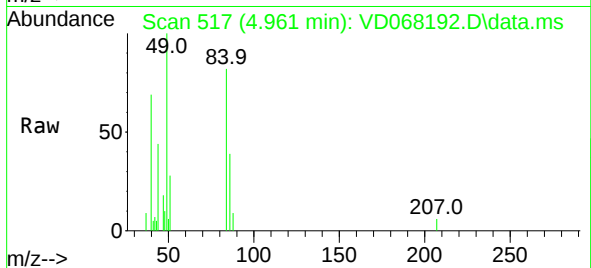
Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.4



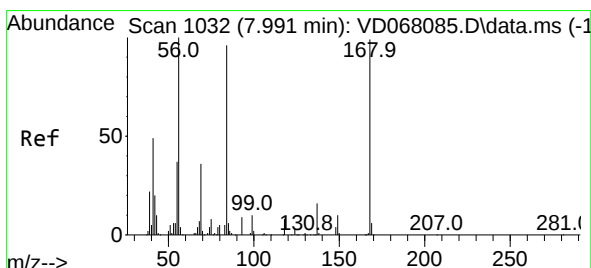
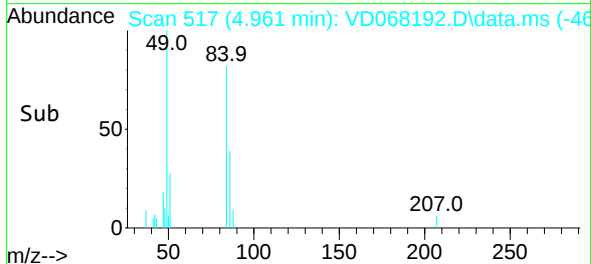
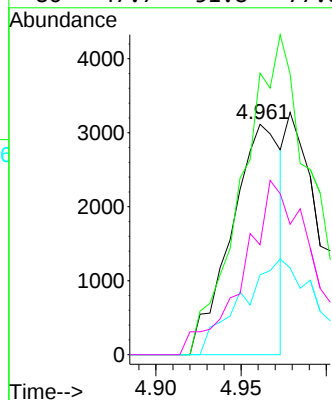


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :

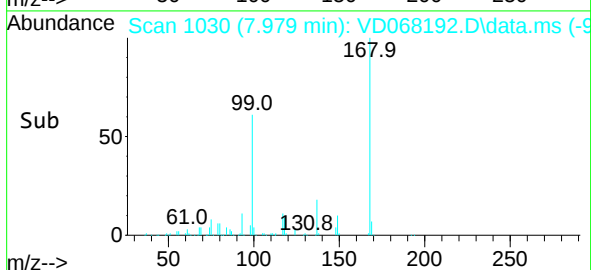
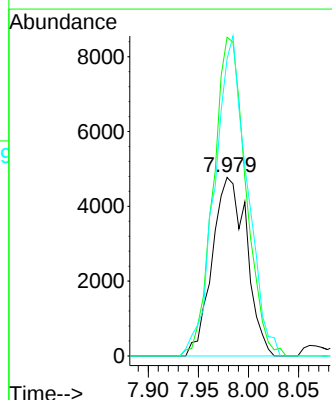
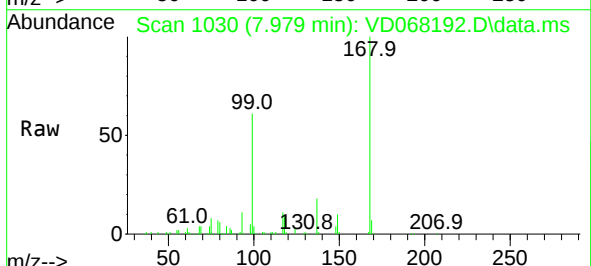


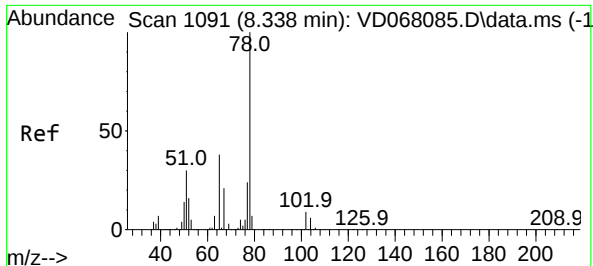
Tgt Ion: 84 Resp: 6240
Ion Ratio Lower Upper
84 100
49 122.2 77.4 116.2#
51 34.7 26.1 39.1
86 47.7 51.8 77.8#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

Tgt Ion: 56 Resp: 11408
Ion Ratio Lower Upper
56 100
69 178.5 30.1 45.1#
84 166.4 82.1 123.1#

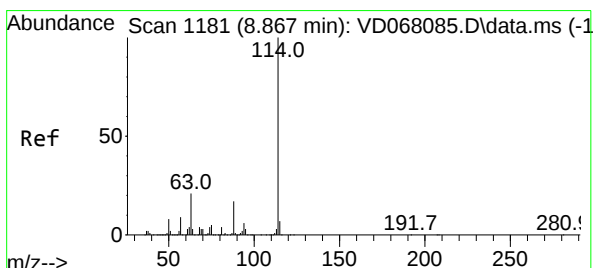
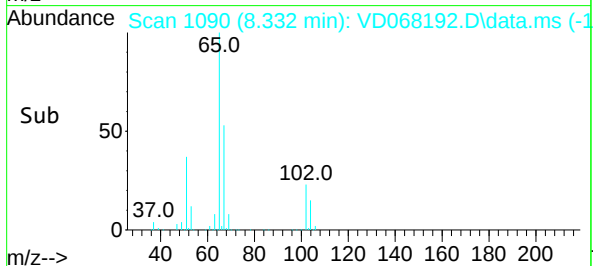
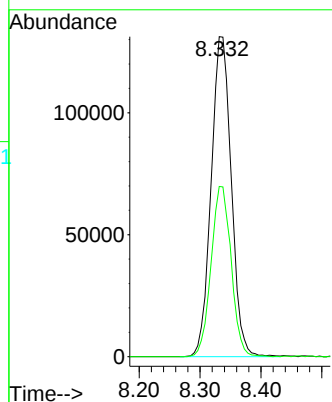
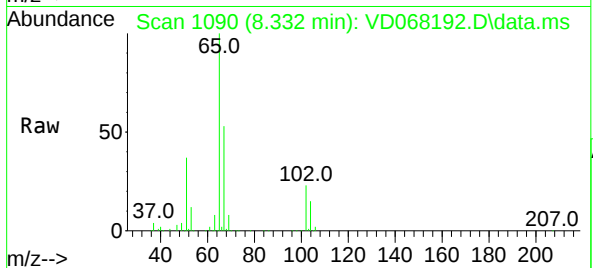




#33
1,2-Dichloroethane-d4
Concen: 59.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

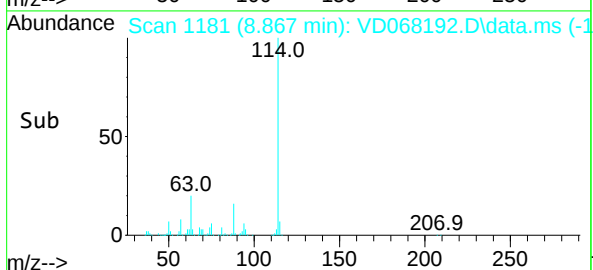
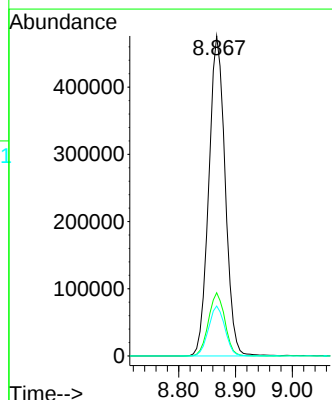
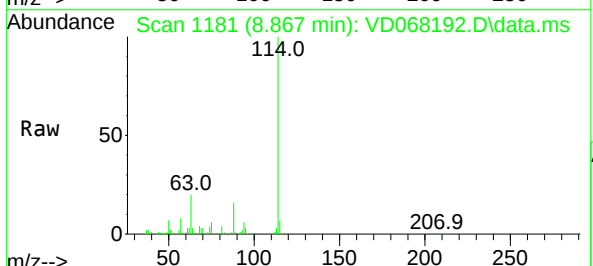
Instrument :
MSVOA_D
ClientSampled :

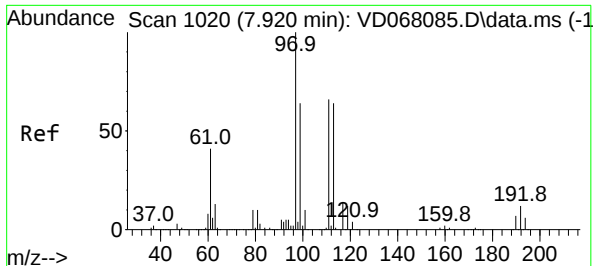
Tgt Ion: 65 Resp: 301457
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

Tgt Ion: 114 Resp: 949333
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.23 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068192.D

Acq: 26 Jan 2021 17:55

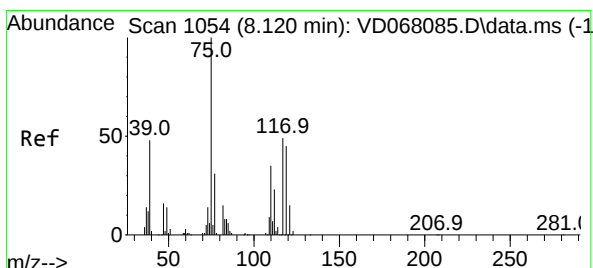
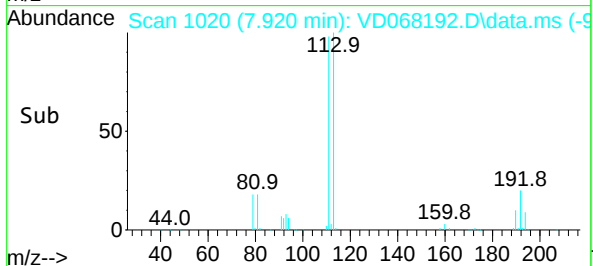
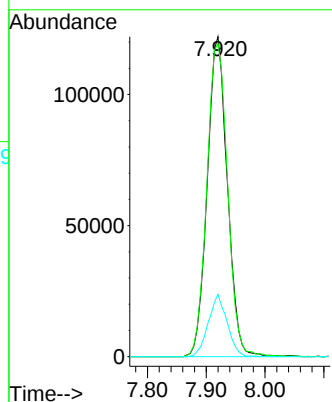
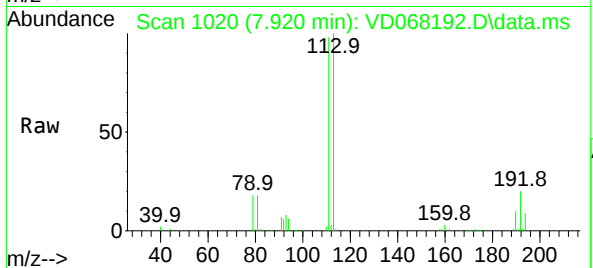
Tgt Ion:113 Resp: 289848

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 18.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.42 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068192.D

Acq: 26 Jan 2021 17:55

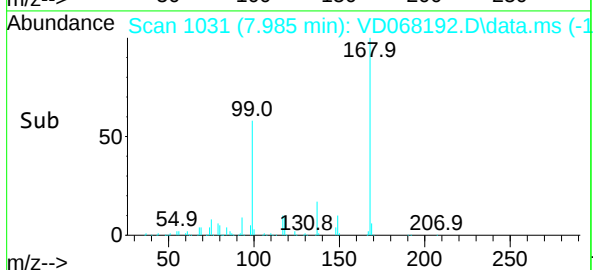
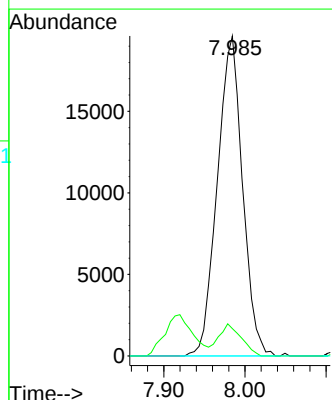
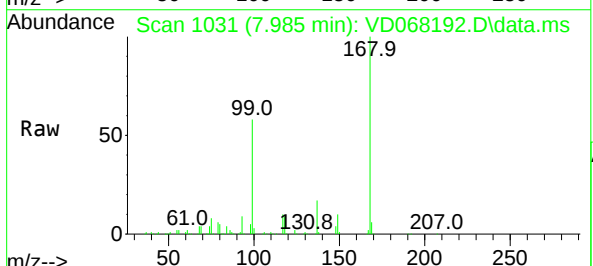
Tgt Ion: 75 Resp: 42352

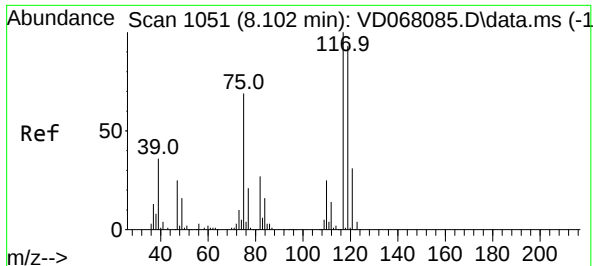
Ion Ratio Lower Upper

75 100

110 9.0 19.4 58.2#

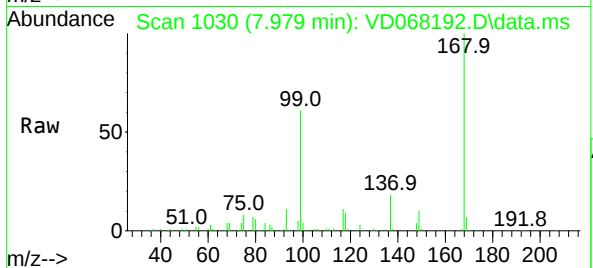
77 0.0 25.3 37.9#



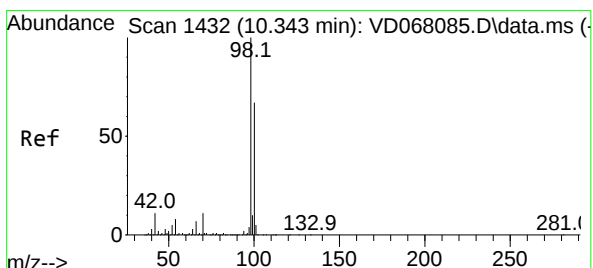
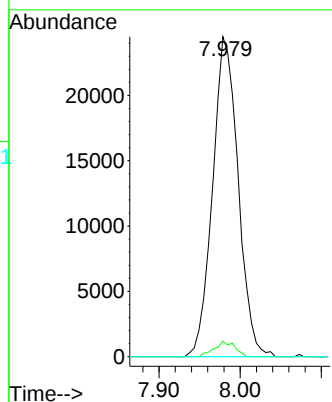
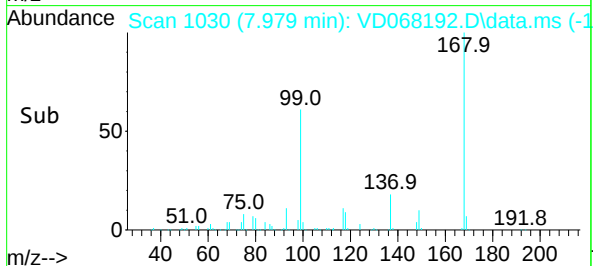


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

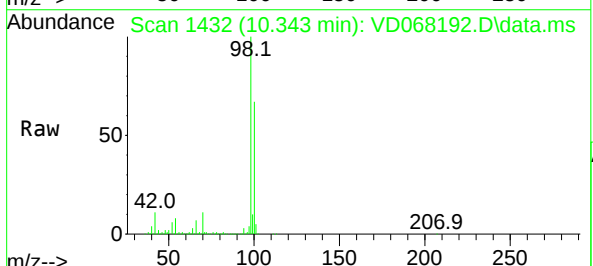
Instrument :
MSVOA_D
ClientSampled :



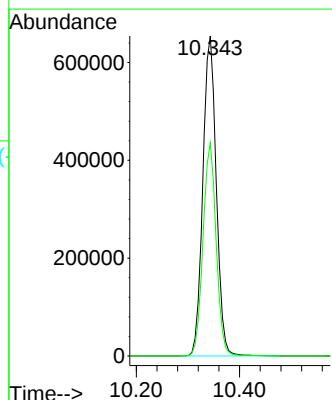
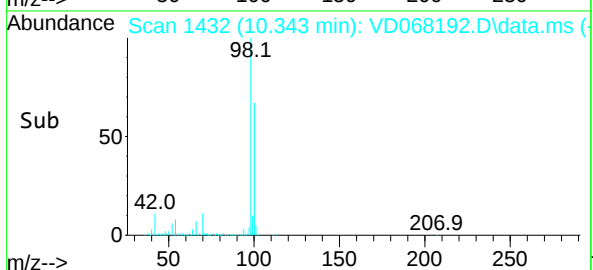
Tgt Ion:117 Resp: 53523
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#

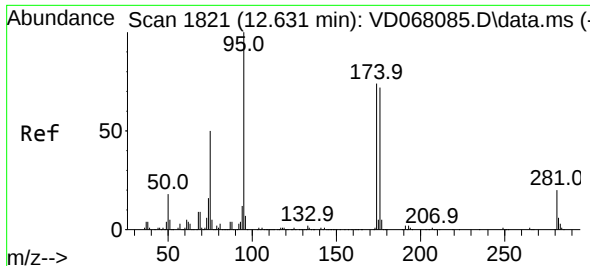


#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55



Tgt Ion: 98 Resp: 1177647
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

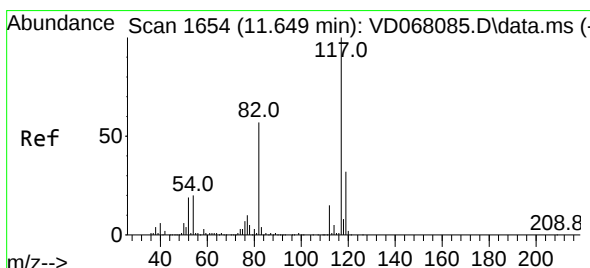
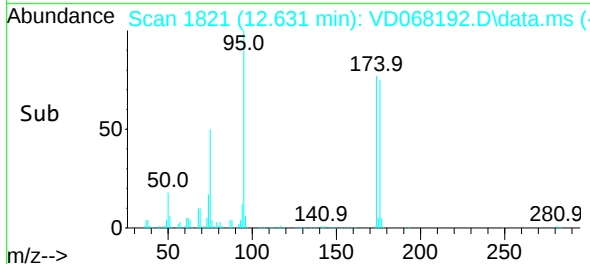
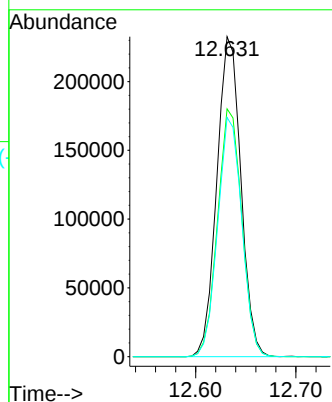
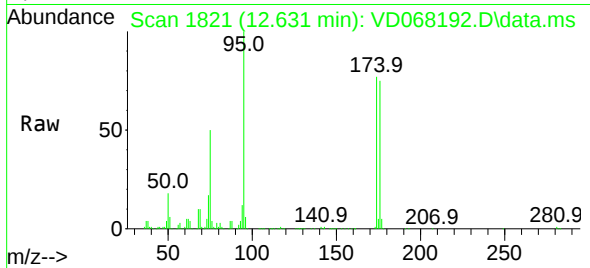




#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

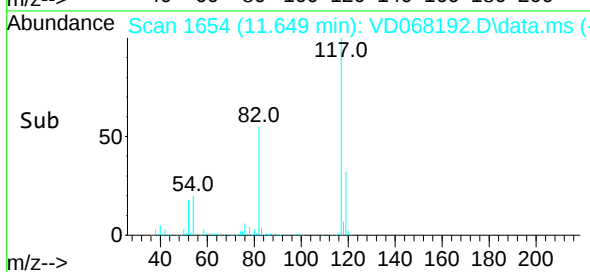
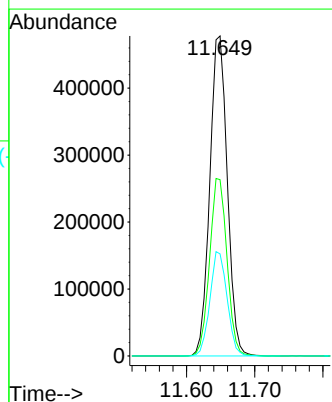
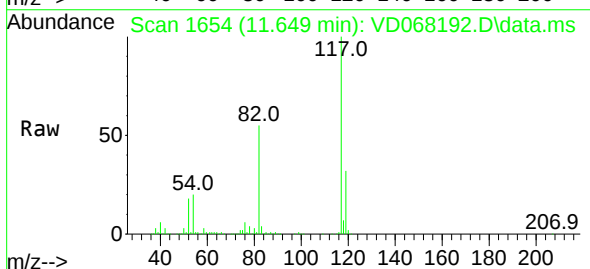
Instrument :
MSVOA_D
ClientSampleId :

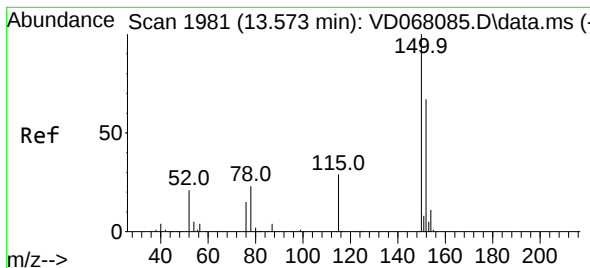
Tgt Ion: 95 Resp: 386967
Ion Ratio Lower Upper
95 100
174 78.1 0.0 172.4
176 75.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

Tgt Ion: 117 Resp: 854553
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 31.9 26.1 39.1

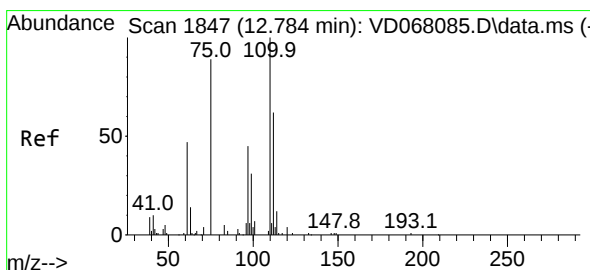
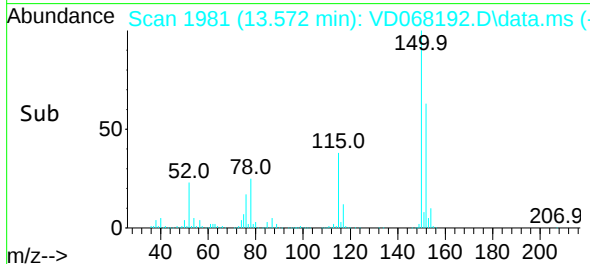
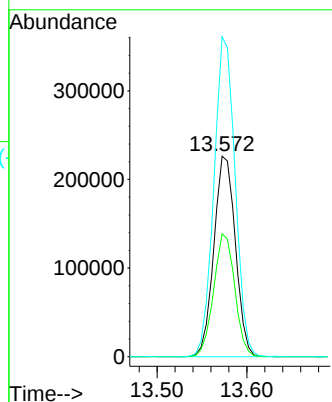
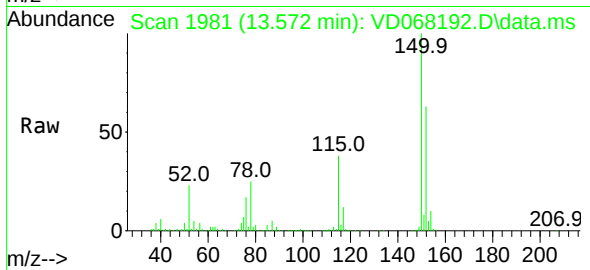




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

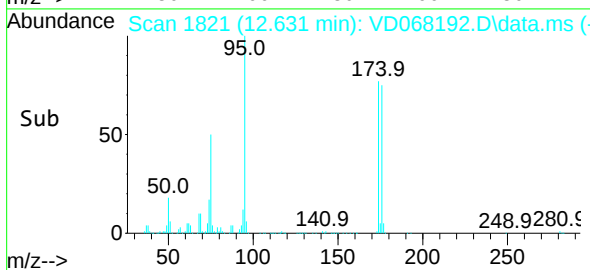
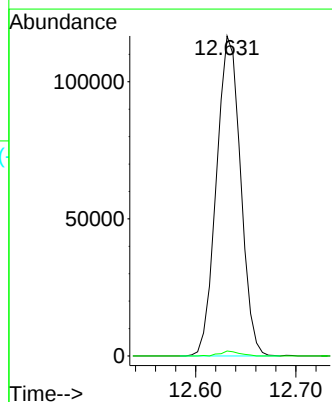
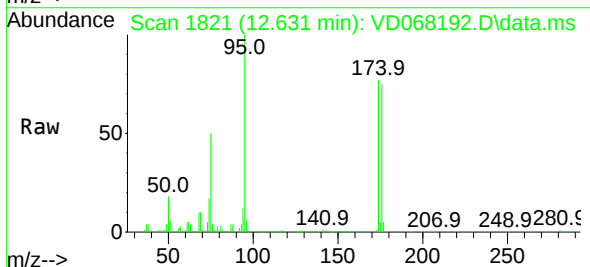
Instrument :
MSVOA_D
ClientSampleId :

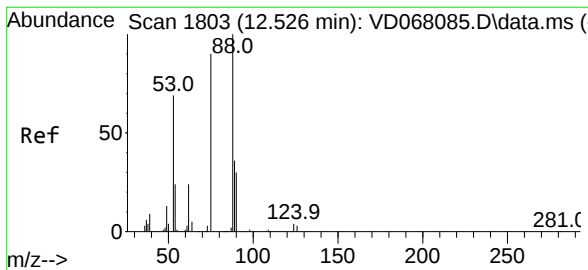
Tgt Ion:152 Resp: 376478
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 157.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.61 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068192.D
Acq: 26 Jan 2021 17:55

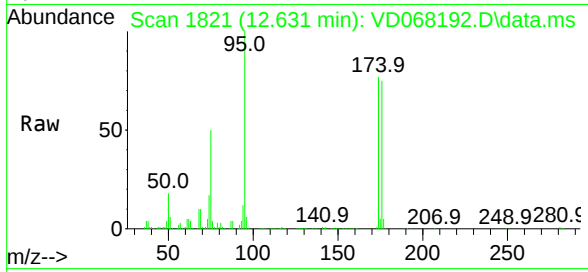
Tgt Ion: 75 Resp: 195160
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.49 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068192.D
 Acq: 26 Jan 2021 17:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 195160
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

