

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068003.D
 Acq On : 05 Jan 2021 12:34
 Operator : VA/SY
 Sample : M1000-01
 Misc : 7.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

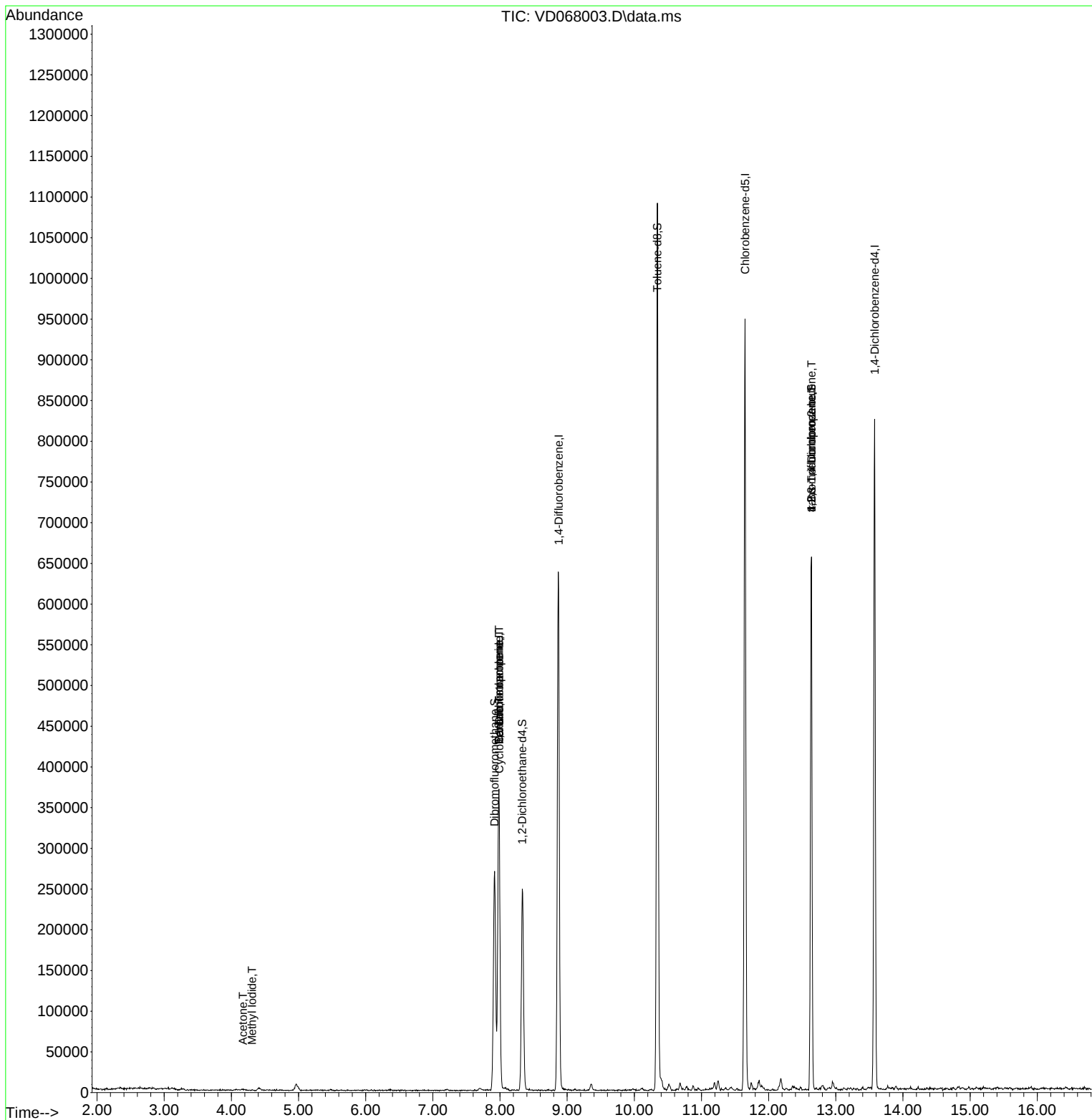
Quant Time: Jan 06 00:15:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

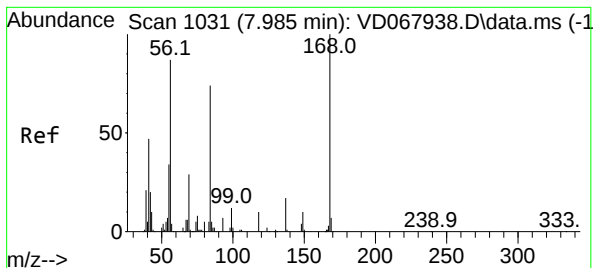
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	263050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.873	114	548362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	527853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	207689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194277	68.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.78%
35) Dibromofluoromethane	7.920	113	191110	55.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.62%
50) Toluene-d8	10.343	98	707187	54.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.90%
62) 4-Bromofluorobenzene	12.637	95	219889	49.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.00%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	485	Below Cal	#	8
10) Methyl Iodide	4.308	142	113	3.88	ug/l #	41
16) Acetone	4.173	43	2279	4.20	ug/l	97
20) Methylene Chloride	4.967	84	5613	Below Cal		91
31) Cyclohexane	7.991	56	7392	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	23211	3.98	ug/l #	47
38) Carbon Tetrachloride	7.985	117	29325	5.27	ug/l #	17
76) 1,2,3-Trichloropropane	12.637	75	114310	65.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.637	75	114310	134.00	ug/l #	12

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

Quant Time: Jan 06 00:15:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
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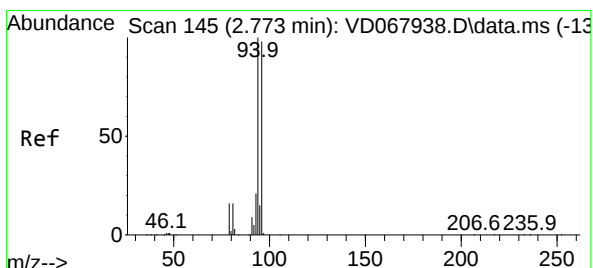
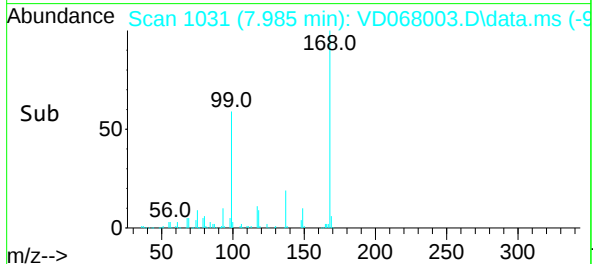
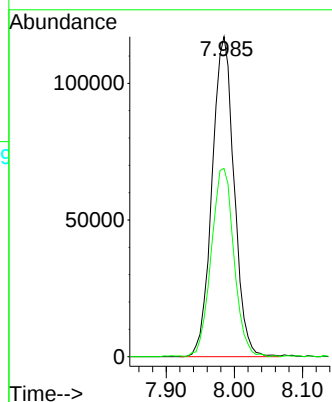
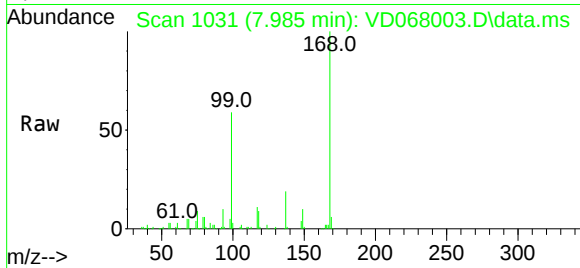




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

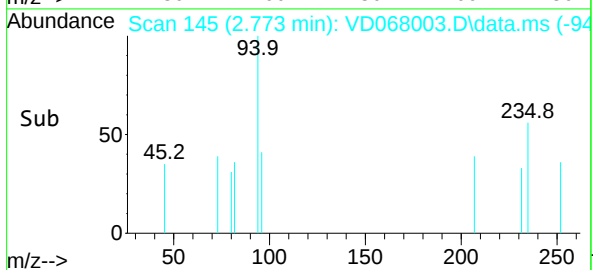
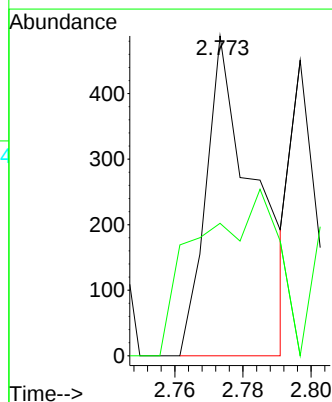
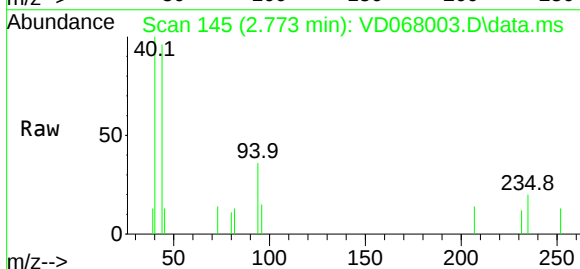
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 263050
Ion Ratio Lower Upper
168 100
99 58.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

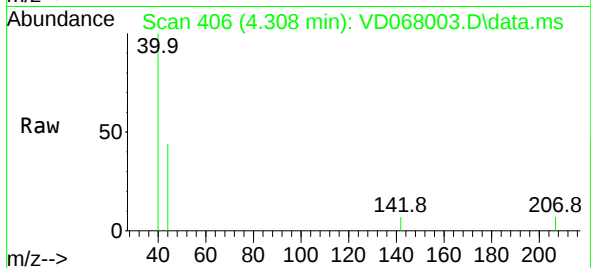
Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 6.8 78.0 117.0#



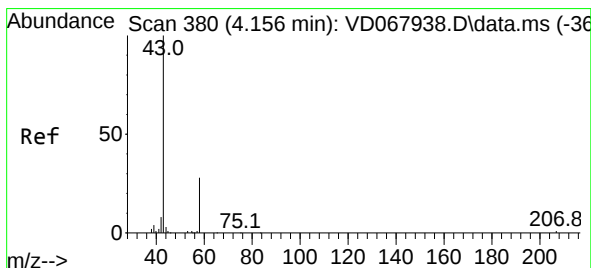
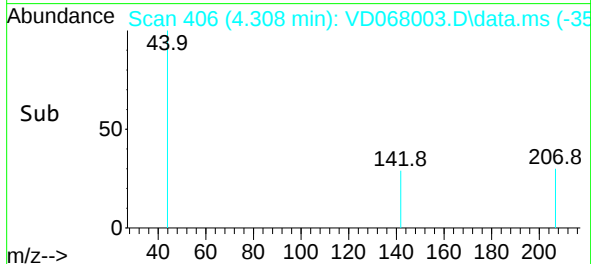
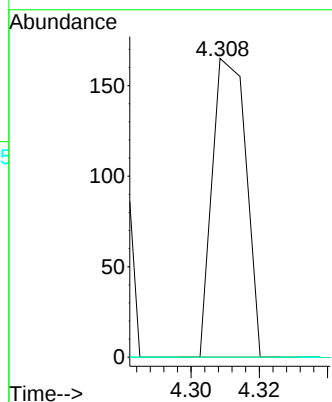


#10
Methyl Iodide
Concen: 3.88 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

Instrument :
MSVOA_D
ClientSampled :

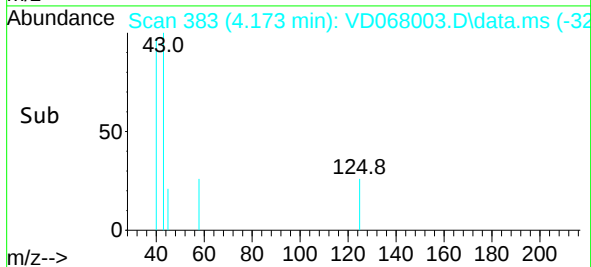
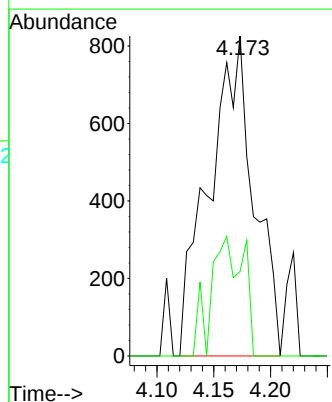
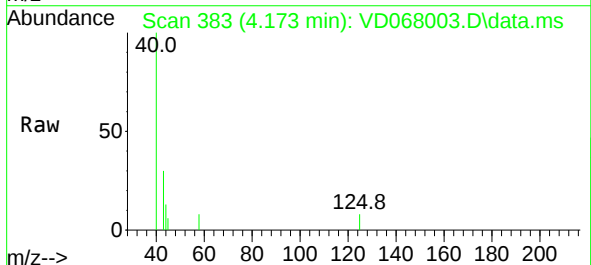


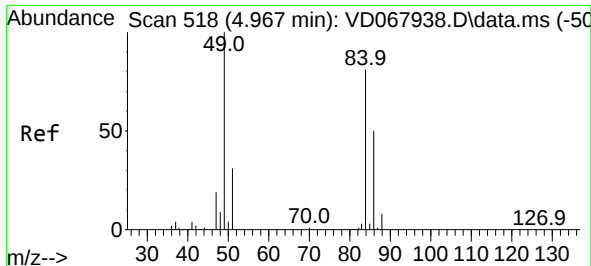
Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 4.20 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

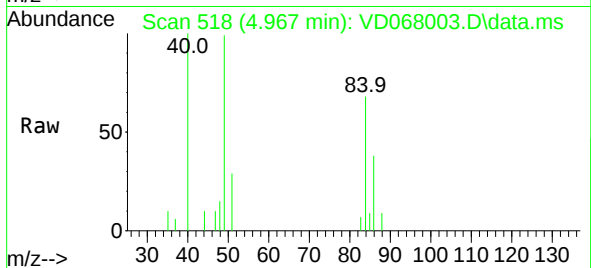
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
58 26.4 22.3 33.5



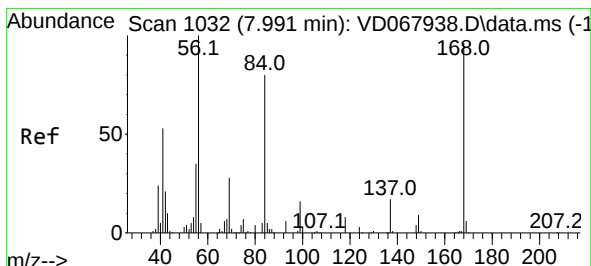
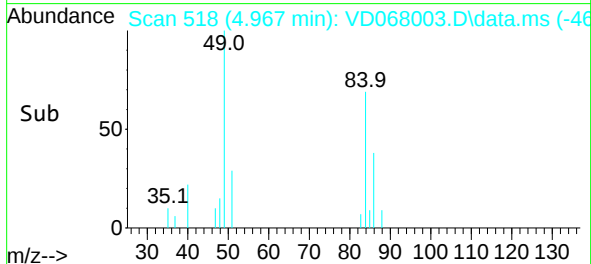
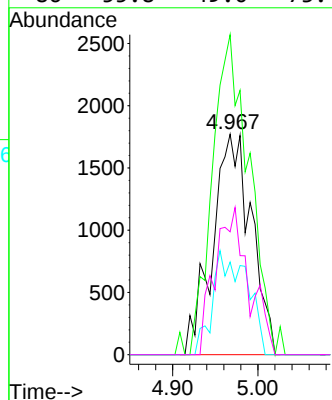


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

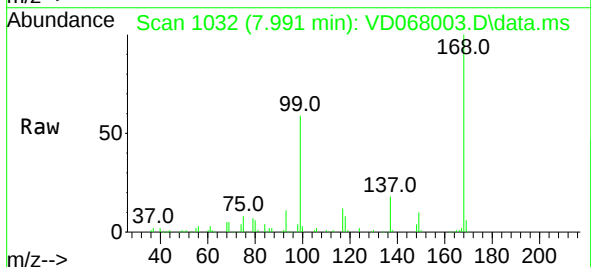
Instrument :
MSVOA_D
ClientSampleId :



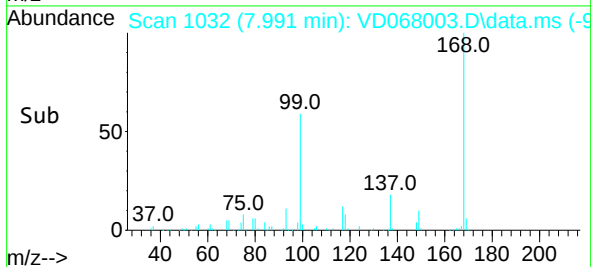
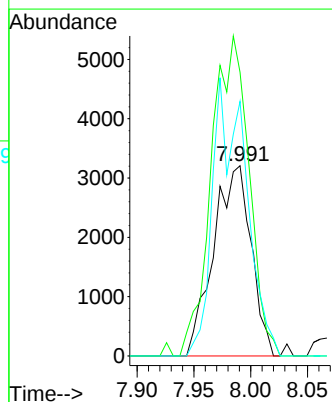
Tgt Ion:	84	Resp:	5613
Ion	Ratio	Lower	Upper
84	100		
49	135.0	98.3	147.5
51	42.1	30.3	45.5
86	55.8	49.0	73.4

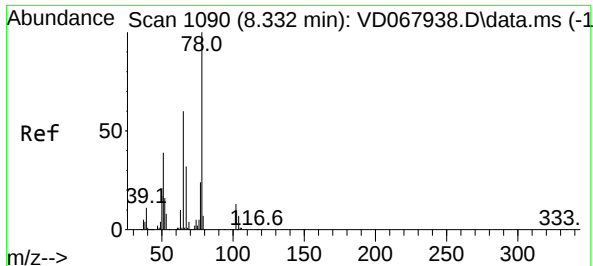


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34



Tgt Ion:	56	Resp:	7392
Ion	Ratio	Lower	Upper
56	100		
69	149.2	22.7	34.1#
84	133.8	64.2	96.4#

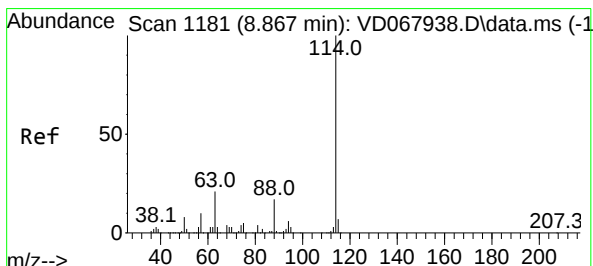
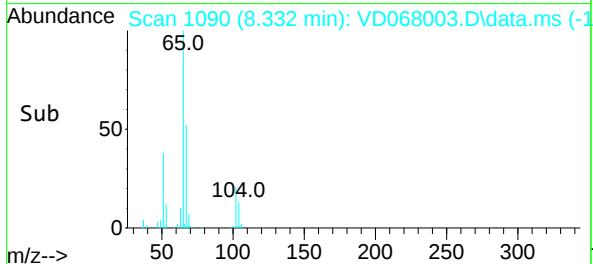
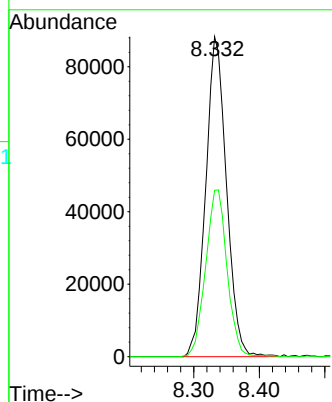
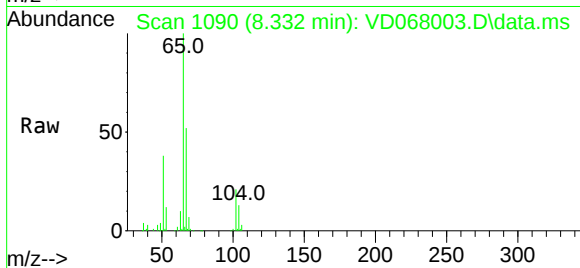




#33
1,2-Dichloroethane-d4
Concen: 68.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

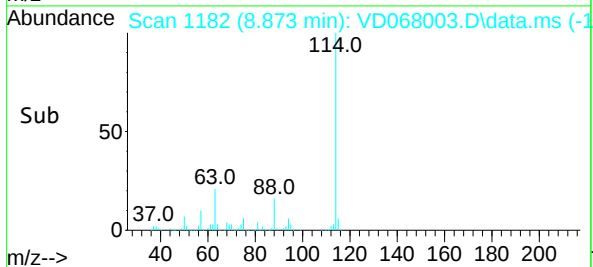
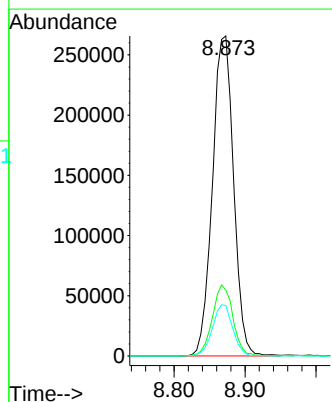
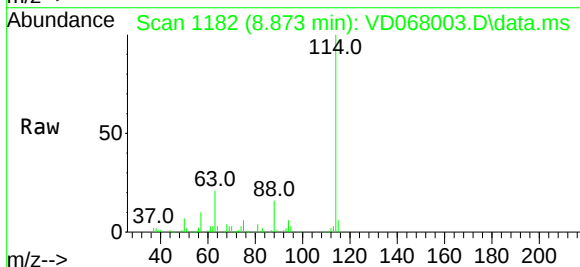
Instrument :
MSVOA_D
ClientSampled :

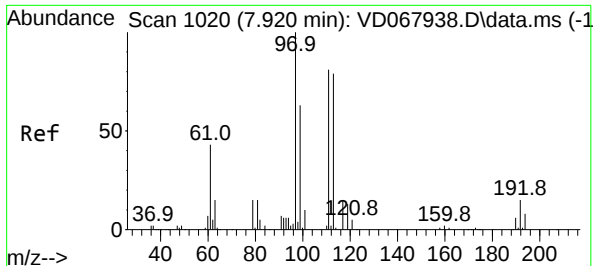
Tgt Ion: 65 Resp: 194277
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.873 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

Tgt Ion: 114 Resp: 548362
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.4
88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.31 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068003.D

Acq: 05 Jan 2021 12:34

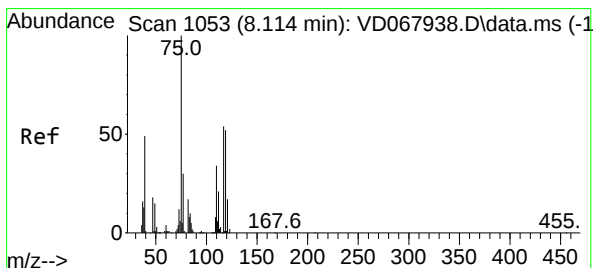
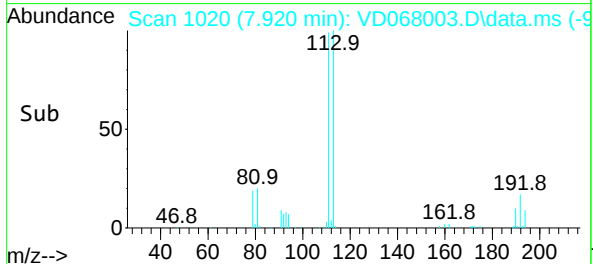
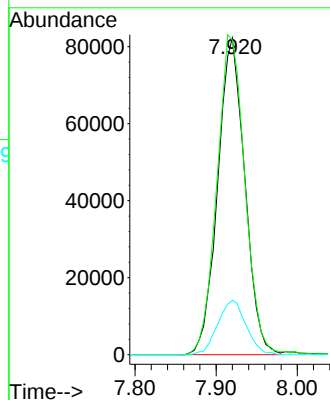
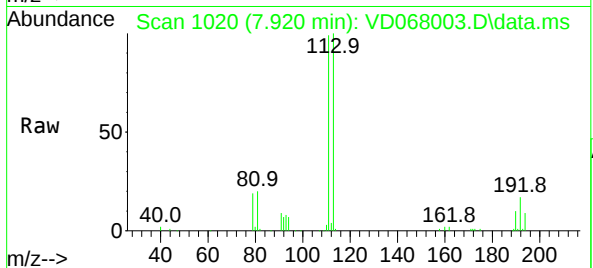
Tgt Ion:113 Resp: 191110

Ion Ratio Lower Upper

113 100

111 104.5 79.3 118.9

192 17.9 14.5 21.7



#36

1,1-Dichloropropene

Concen: 3.98 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068003.D

Acq: 05 Jan 2021 12:34

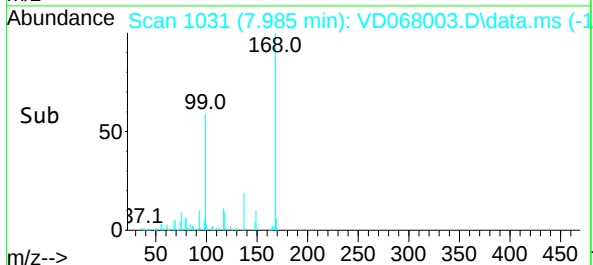
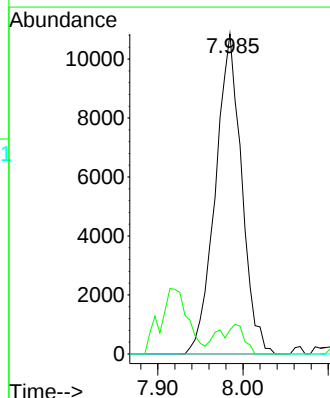
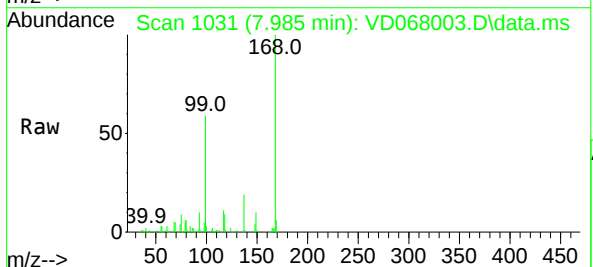
Tgt Ion: 75 Resp: 23211

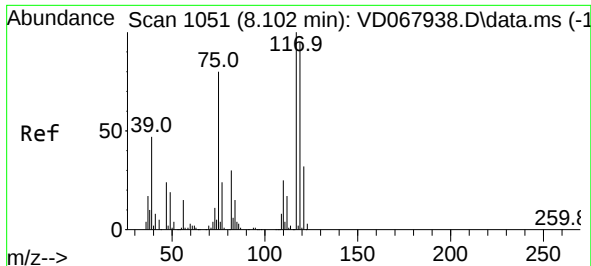
Ion Ratio Lower Upper

75 100

110 5.3 17.0 51.0#

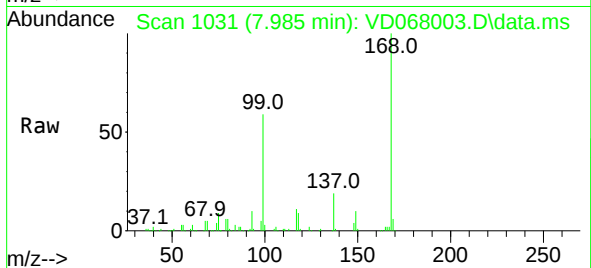
77 0.0 24.6 37.0#



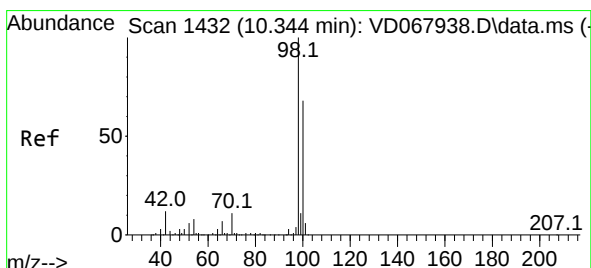
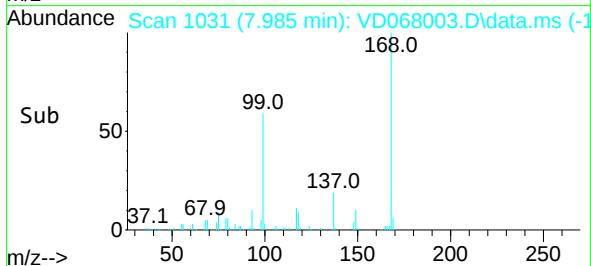
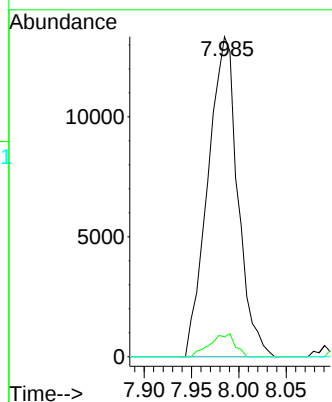


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

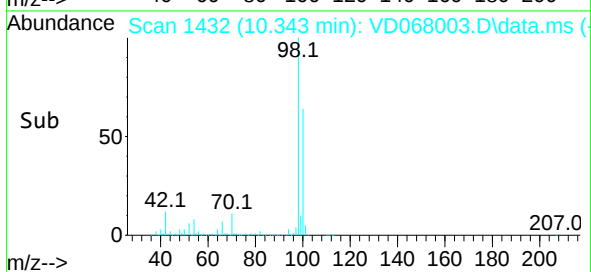
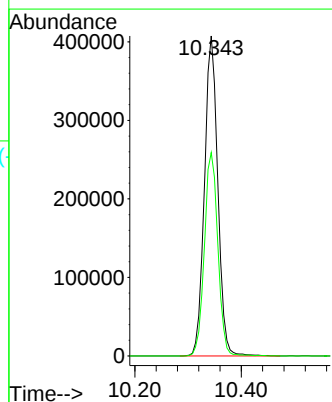
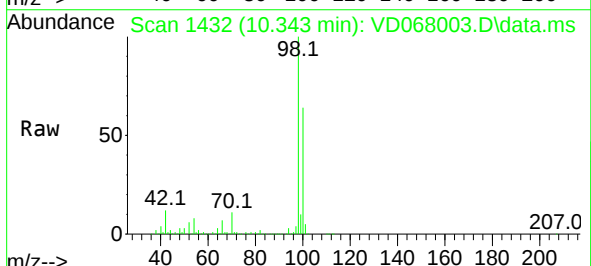


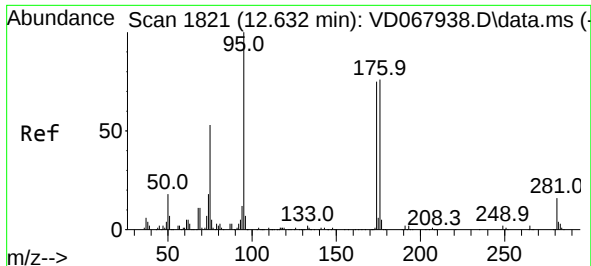
Tgt Ion:117 Resp: 29325
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 54.45 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

Tgt Ion: 98 Resp: 707187
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

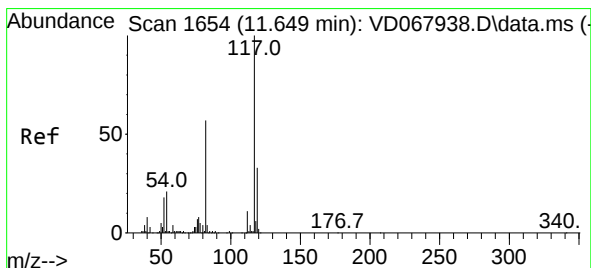
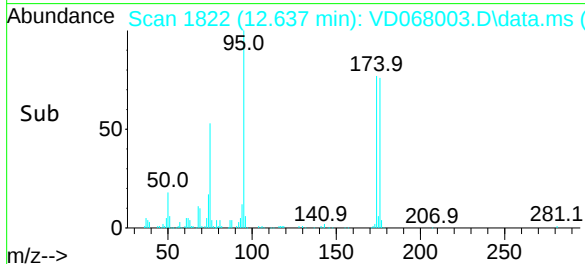
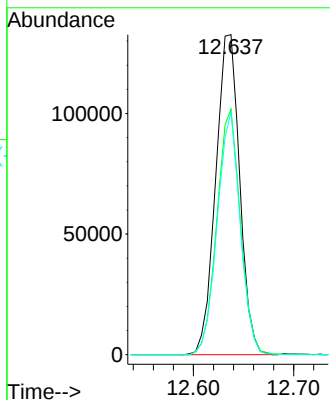
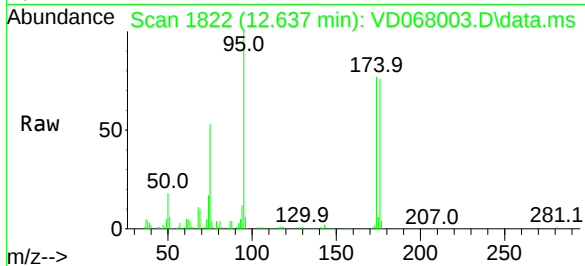




#62
4-Bromofluorobenzene
Concen: 49.50 ug/l
RT: 12.637 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

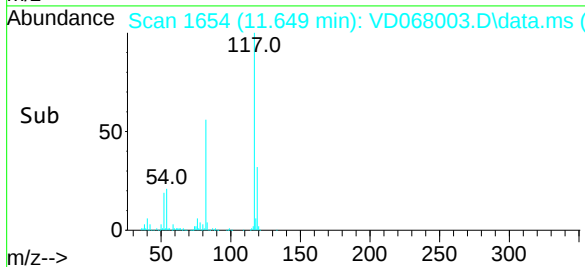
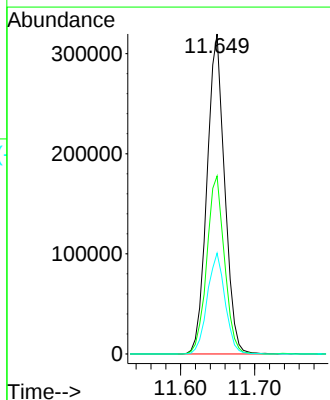
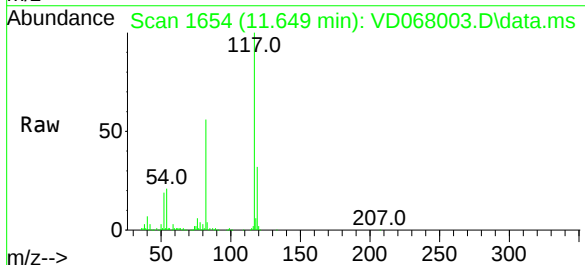
Instrument :
MSVOA_D
ClientSampled :

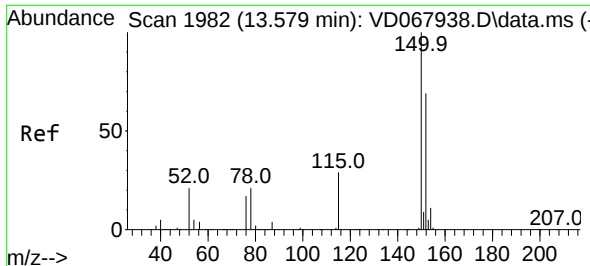
Tgt Ion: 95 Resp: 219889
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 72.5 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

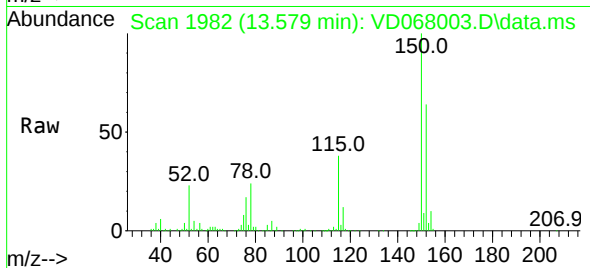
Tgt Ion: 117 Resp: 527853
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.5 26.7 40.1



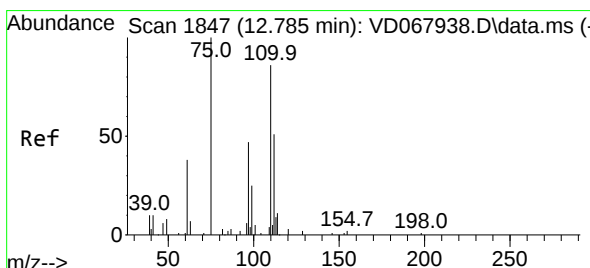
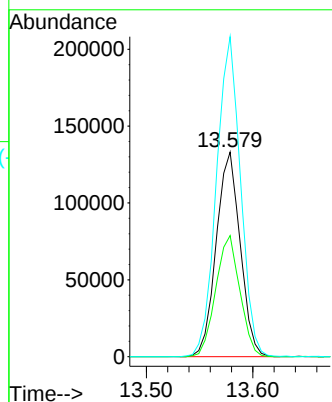
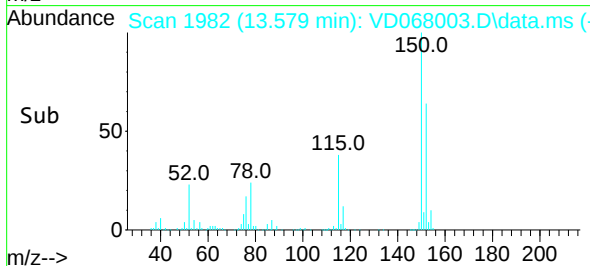


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD068003.D
 Acq: 05 Jan 2021 12:34

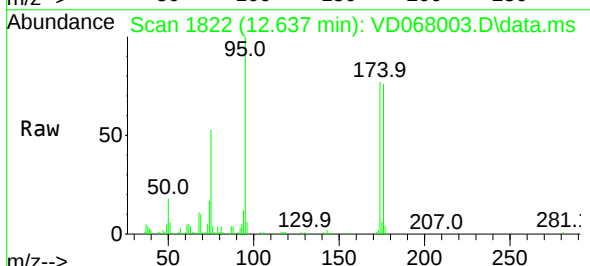
Instrument :
 MSVOA_D
 ClientSampled :



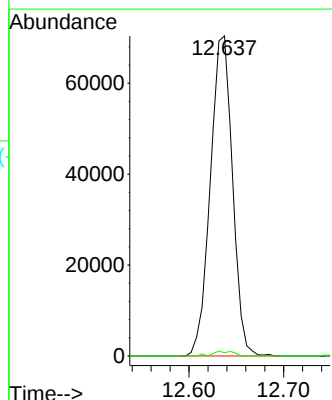
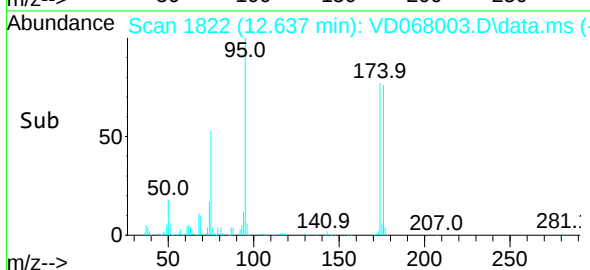
Tgt Ion:152 Resp: 207689
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.3 88.0
 150 157.2 0.0 340.0

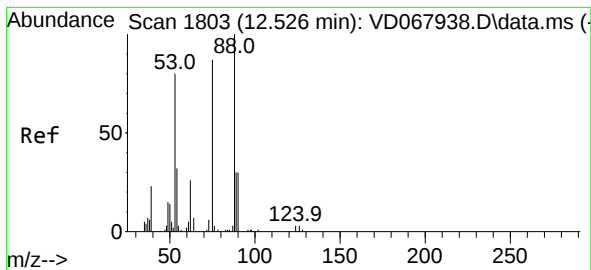


#76
 1,2,3-Trichloropropane
 Concen: 65.37 ug/l
 RT: 12.637 min Scan# 1822
 Delta R.T. -0.147 min
 Lab File: VD068003.D
 Acq: 05 Jan 2021 12:34



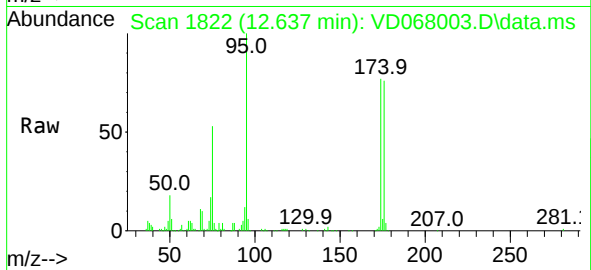
Tgt Ion: 75 Resp: 114310
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.00 ug/l
RT: 12.637 min Scan# 1822
Delta R.T. 0.112 min
Lab File: VD068003.D
Acq: 05 Jan 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 114310
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.1 33.8 50.8#

