

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068318.D
 Acq On : 08 Feb 2021 15:24
 Operator : VA/SY
 Sample : M1339-01
 Misc : 7.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:15:25 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)

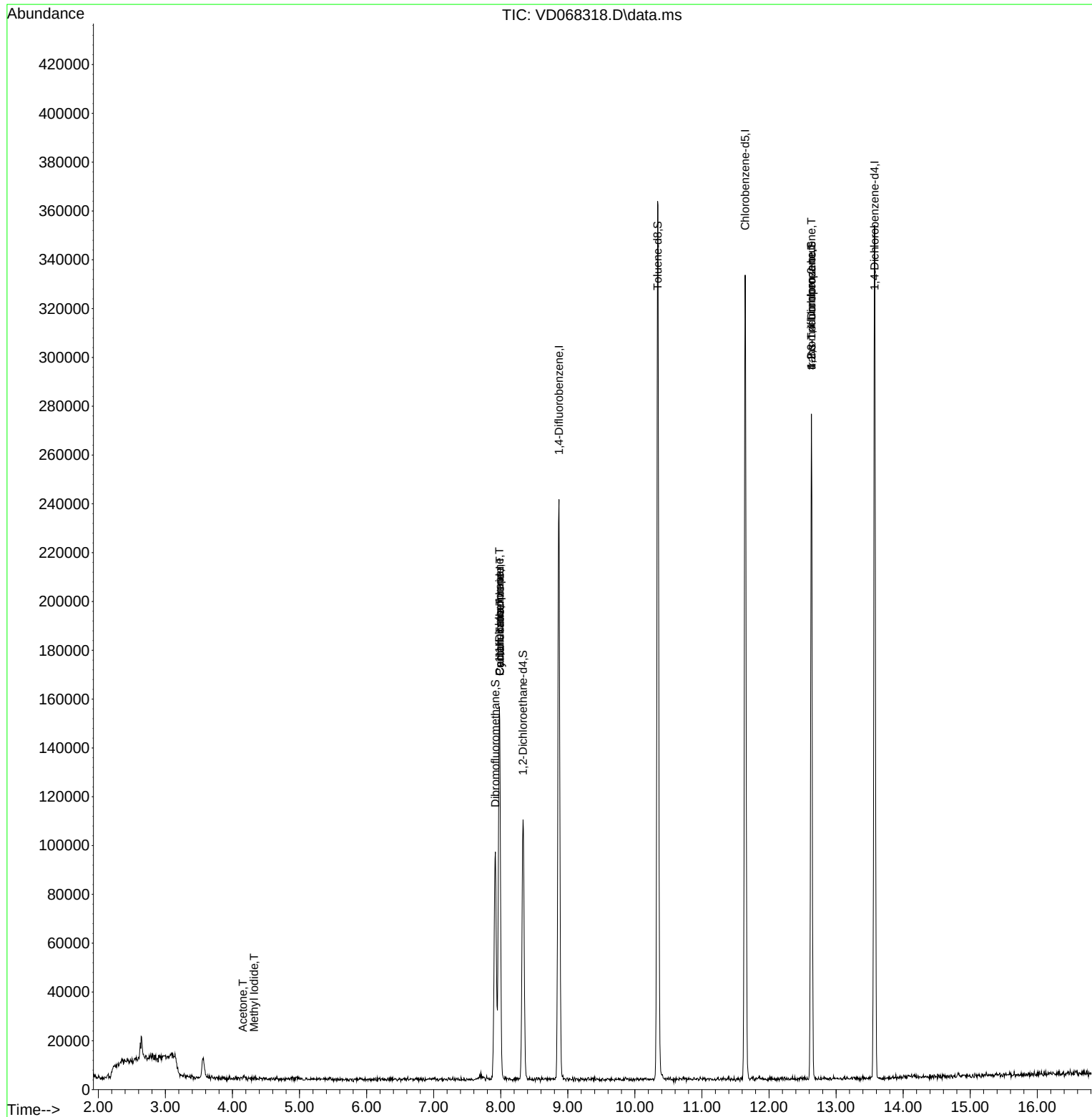
Internal Standards						
1) Pentafluorobenzene	7.985	168	115178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	213080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	202059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	96437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	85452	77.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.12%
35) Dibromofluoromethane	7.920	113	67430	57.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.48%
50) Toluene-d8	10.338	98	258994	54.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.92%
62) 4-Bromofluorobenzene	12.632	95	91562	53.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.92%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	280	3.35	ug/l #	38
11) Tert butyl alcohol	5.215	59	54	Below Cal	#	74
16) Acetone	4.156	43	1546	7.86	ug/l #	44
20) Methylene Chloride	4.973	84	148	Below Cal	#	50
31) Cyclohexane	7.985	56	2880	1.21	ug/l #	65
36) 1,1-Dichloropropene	7.979	75	9419	4.38	ug/l #	49
38) Carbon Tetrachloride	7.985	117	11737	5.84	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	44887	48.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	44887	97.41	ug/l #	14

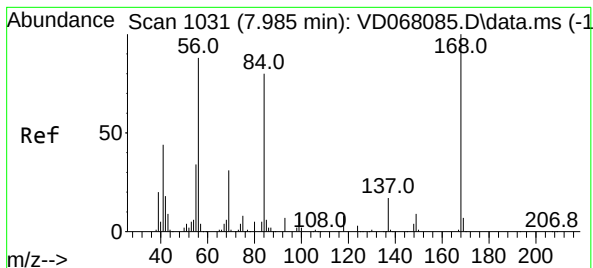
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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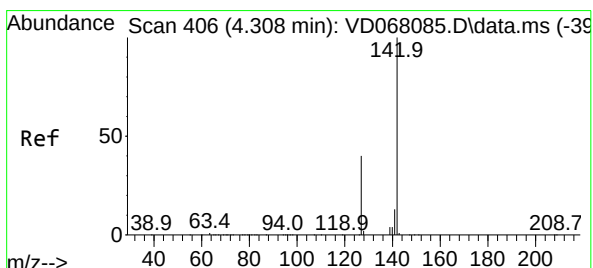
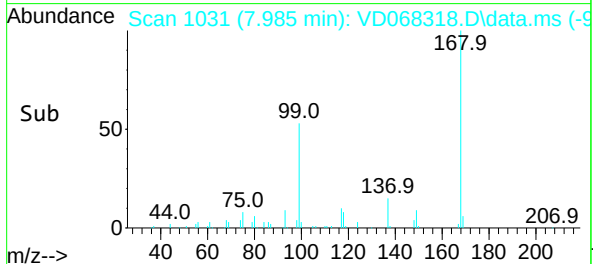
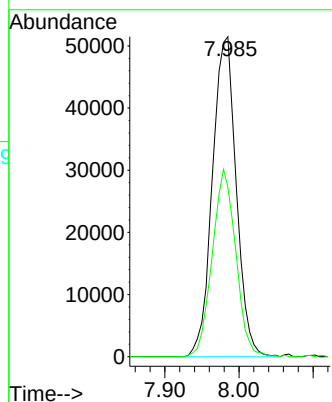
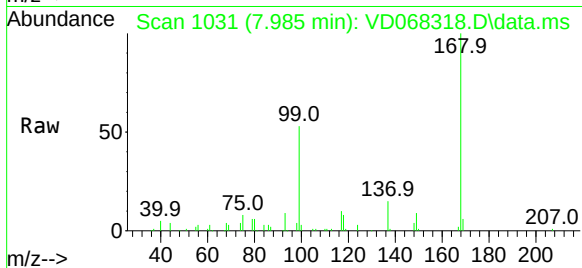




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

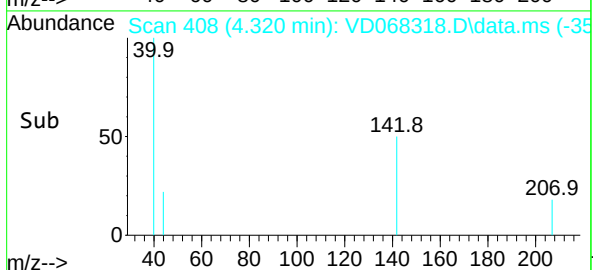
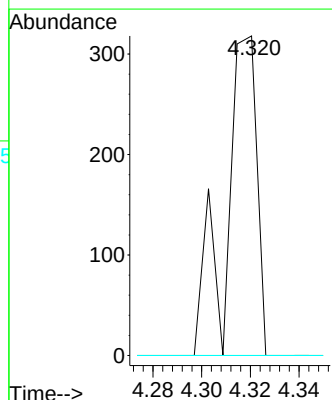
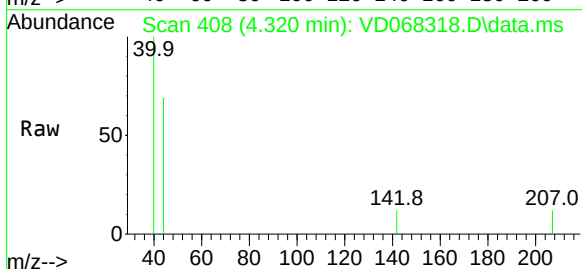
Instrument :
MSVOA_D
ClientSampled :

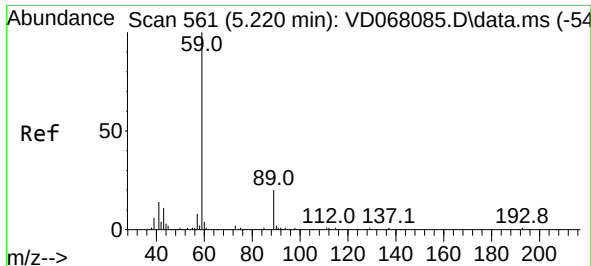
Tgt Ion:168 Resp: 115178
Ion Ratio Lower Upper
168 100
99 52.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

Tgt Ion:142 Resp: 280
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

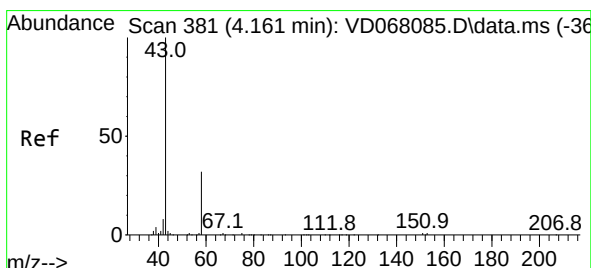
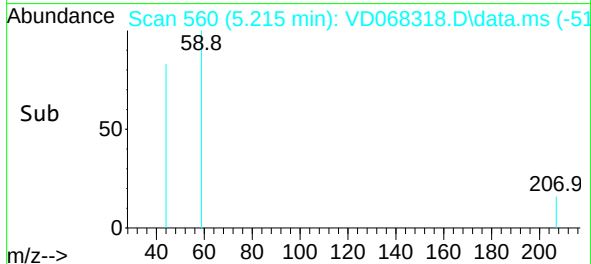
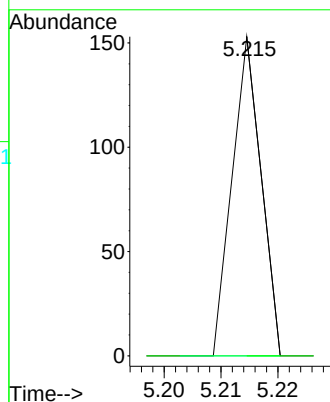
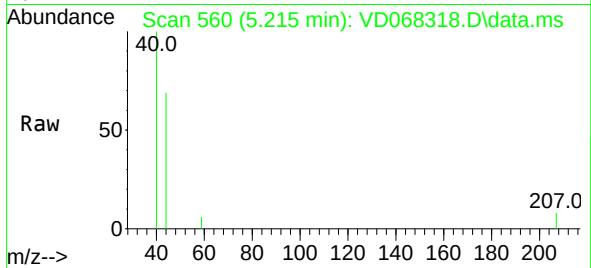




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

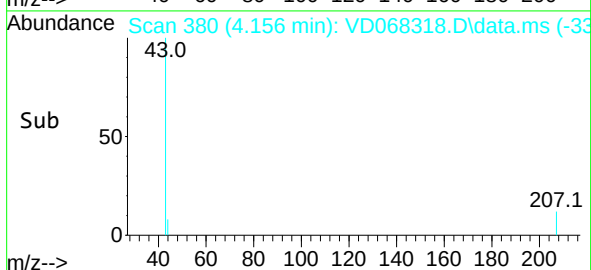
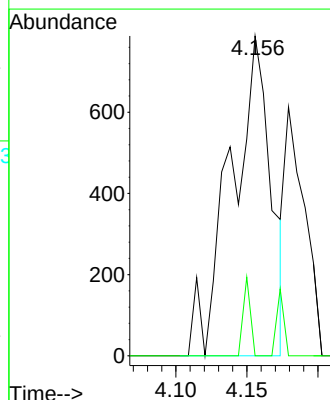
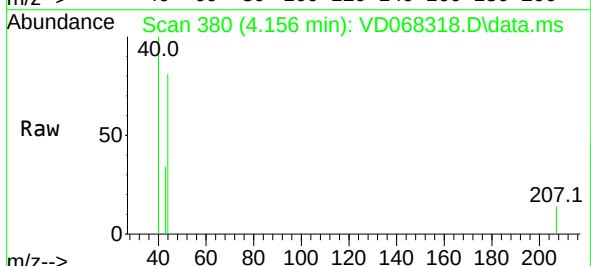
Instrument :
MSVOA_D
ClientSampled :

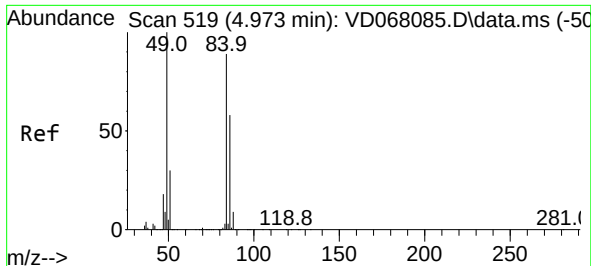
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.86 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

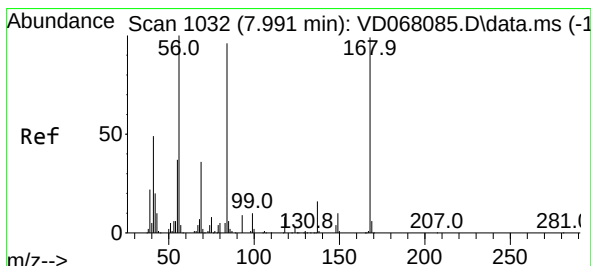
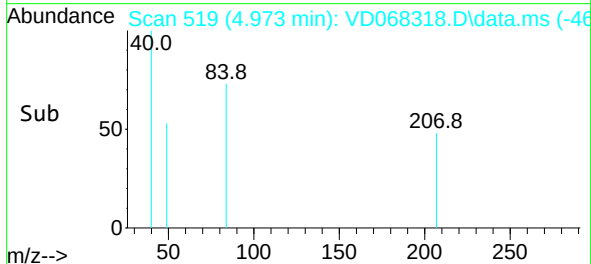
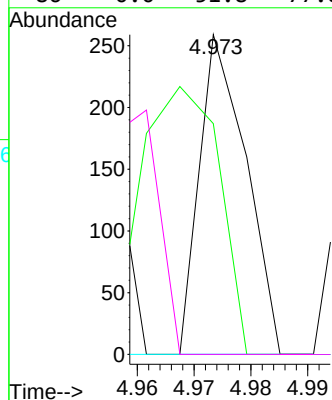
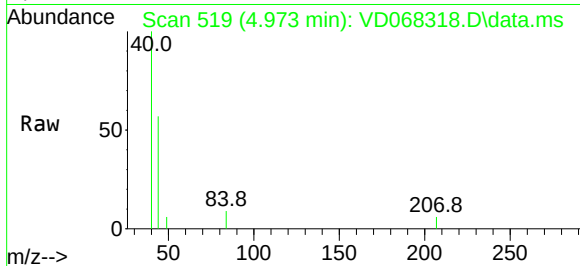




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

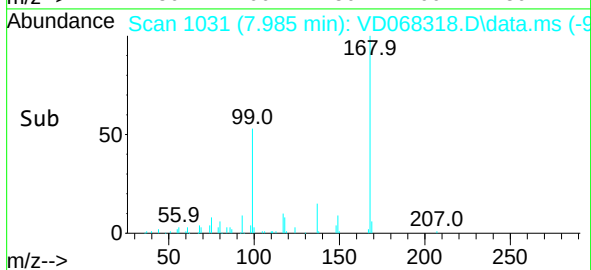
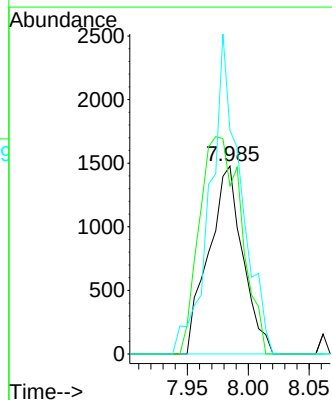
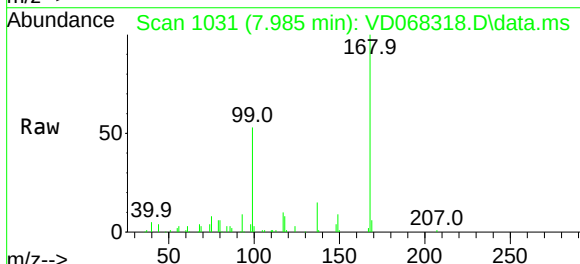
Instrument :
MSVOA_D
ClientSampleId :

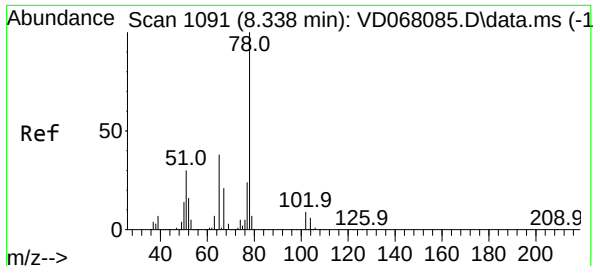
Tgt Ion:	84	Resp:	148
Ion	Ratio	Lower	Upper
84	100		
49	72.2	77.4	116.2#
51	0.0	26.1	39.1#
86	0.0	51.8	77.8#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

Tgt Ion:	56	Resp:	2880
Ion	Ratio	Lower	Upper
56	100		
69	89.6	30.1	45.1#
84	119.0	82.1	123.1

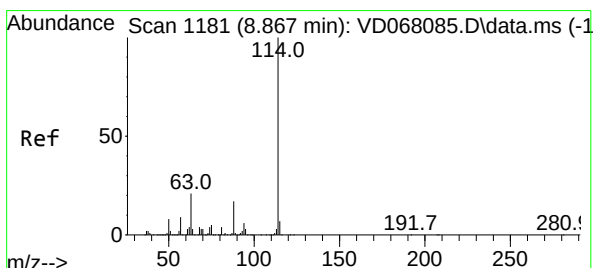
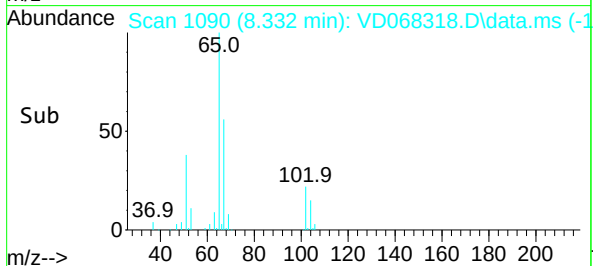
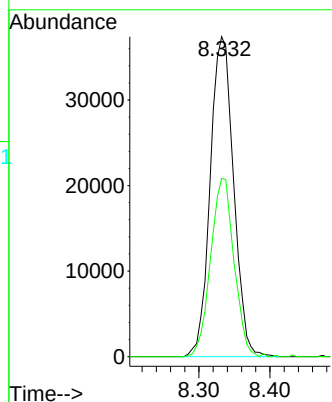
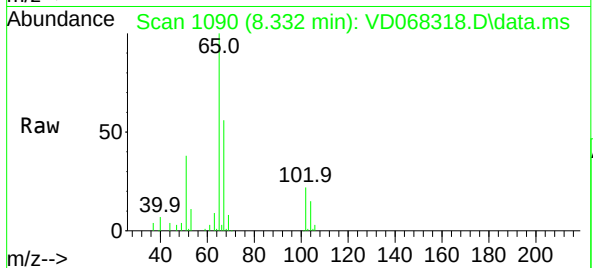




#33
1,2-Dichloroethane-d4
Concen: 77.56 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

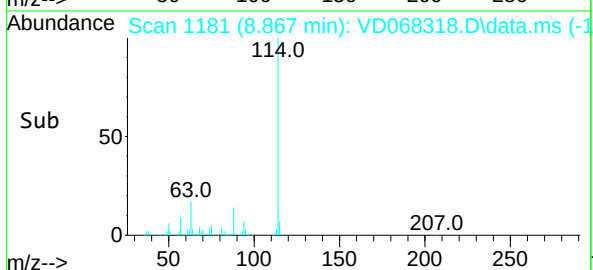
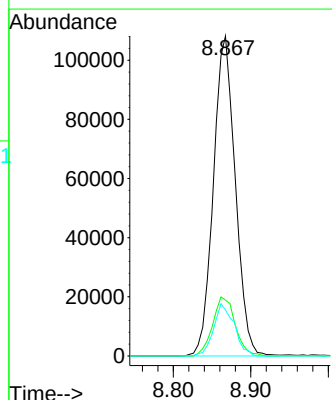
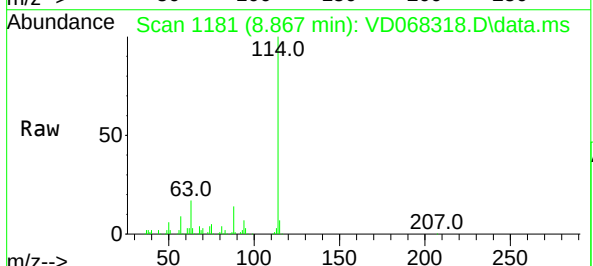
Instrument :
MSVOA_D
ClientSampleId :

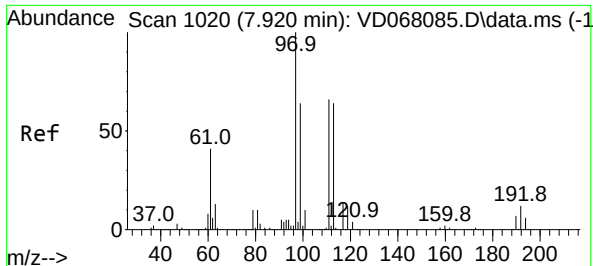
Tgt Ion: 65 Resp: 85452
Ion Ratio Lower Upper
65 100
67 55.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

Tgt Ion: 114 Resp: 213080
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.8
88 14.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 57.24 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068318.D

Acq: 08 Feb 2021 15:24

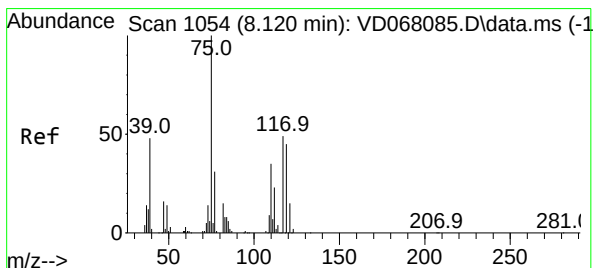
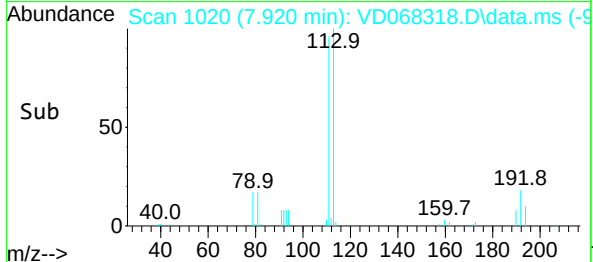
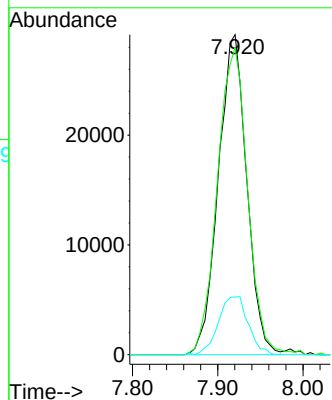
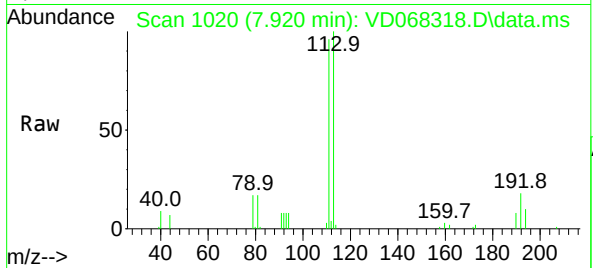
Tgt Ion:113 Resp: 67430

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.1 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: VD068318.D

Acq: 08 Feb 2021 15:24

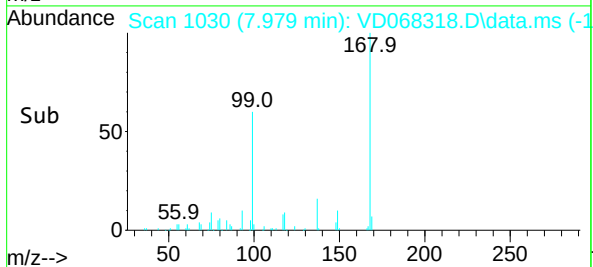
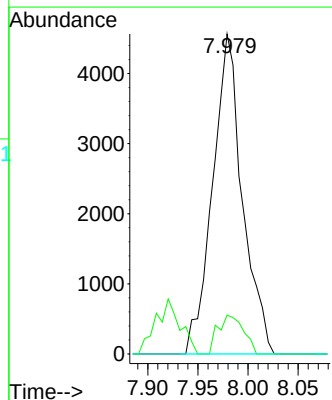
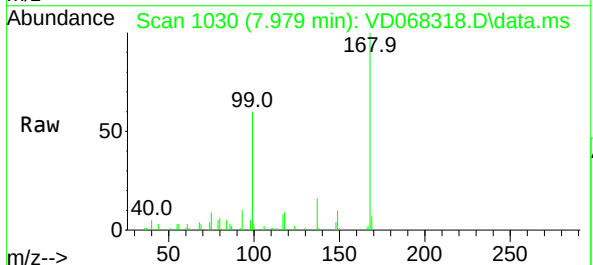
Tgt Ion: 75 Resp: 9419

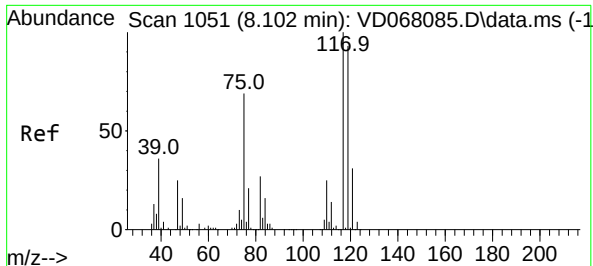
Ion Ratio Lower Upper

75 100

110 10.4 19.4 58.2#

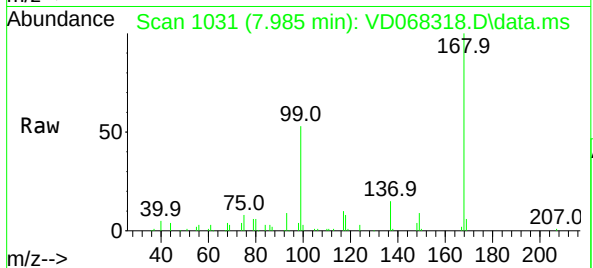
77 0.0 25.3 37.9#



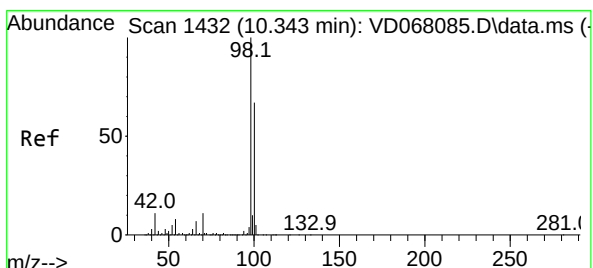
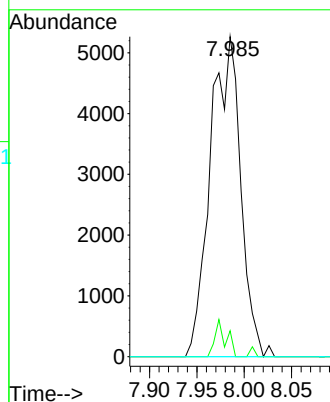
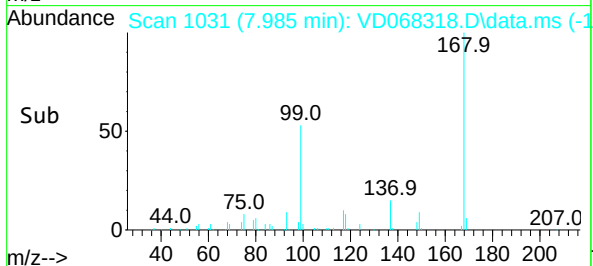


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

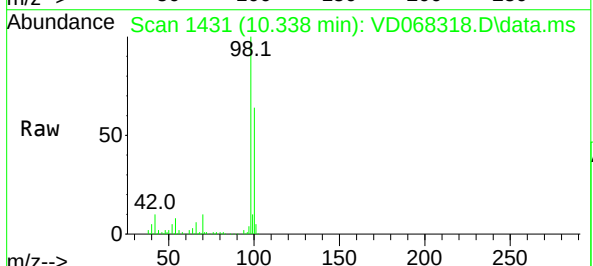
Instrument :
MSVOA_D
ClientSampleId :



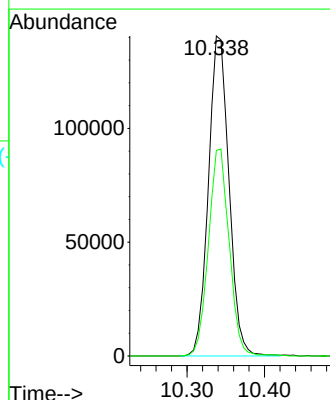
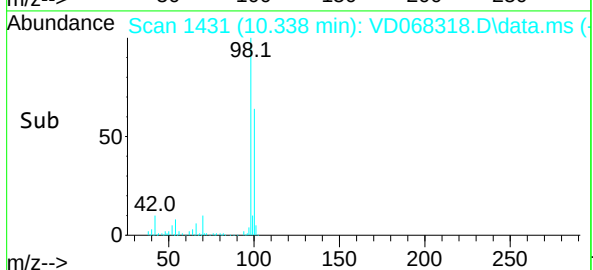
Tgt Ion:117 Resp: 11737
Ion Ratio Lower Upper
117 100
119 8.1 77.3 115.9#
121 0.0 24.7 37.1#

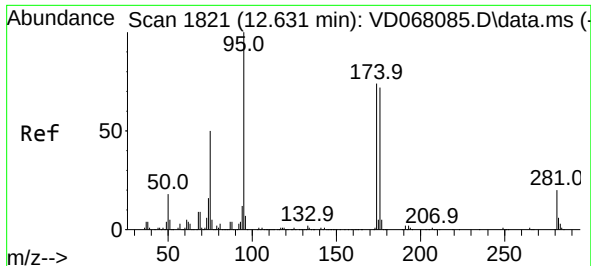


#50
Toluene-d8
Concen: 54.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24



Tgt Ion: 98 Resp: 258994
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

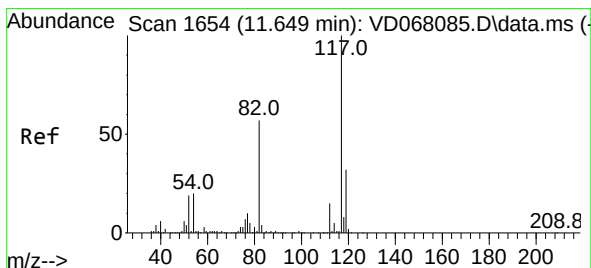
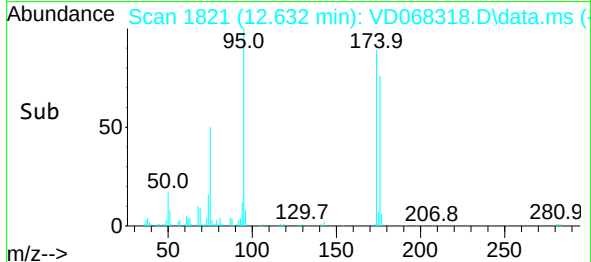
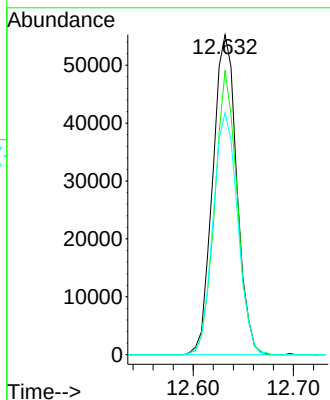
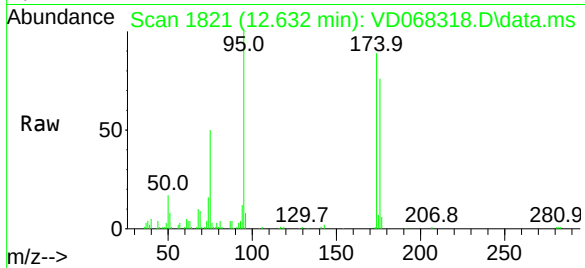




#62
4-Bromofluorobenzene
Concen: 53.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

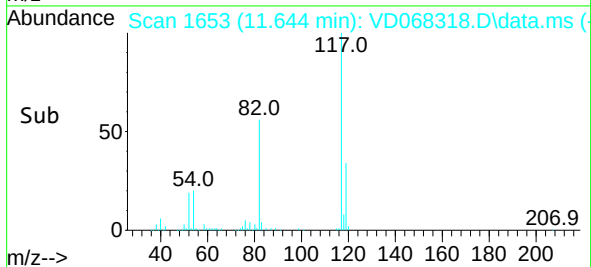
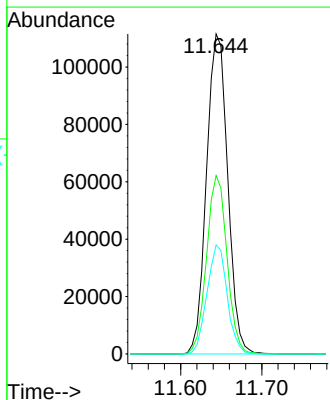
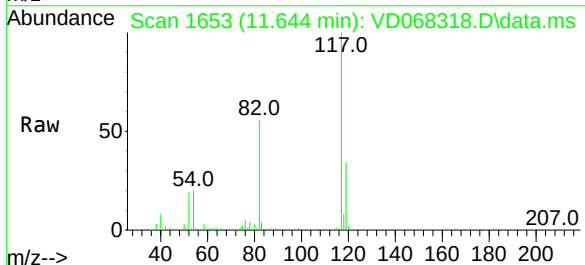
Instrument :
MSVOA_D
ClientSampleId :

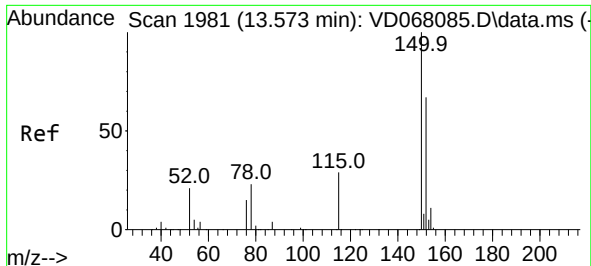
Tgt Ion: 95 Resp: 91562
Ion Ratio Lower Upper
95 100
174 82.9 0.0 172.4
176 77.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

Tgt Ion: 117 Resp: 202059
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 34.1 26.1 39.1

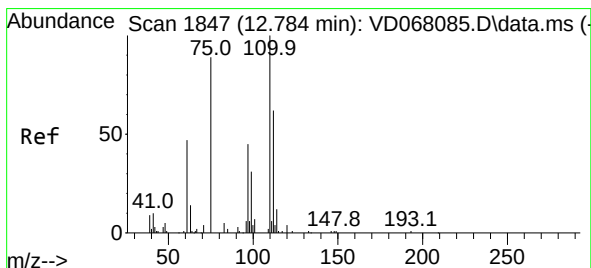
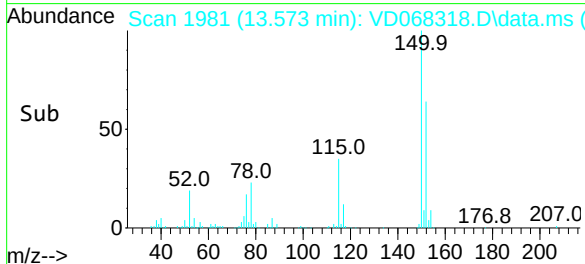
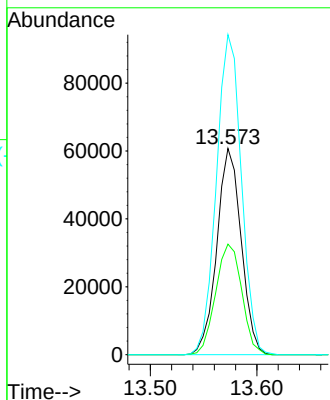
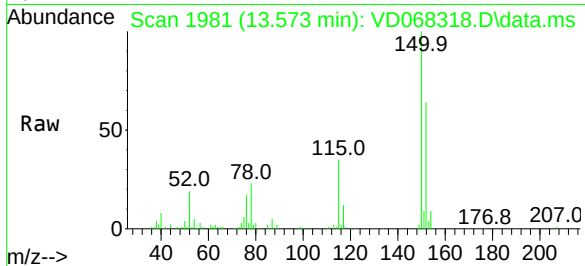




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

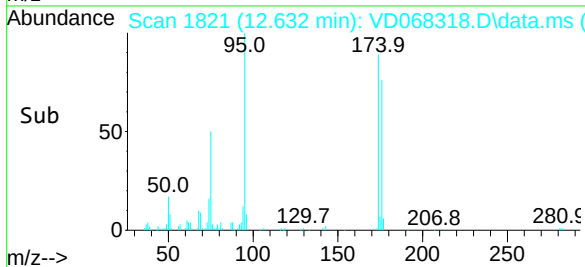
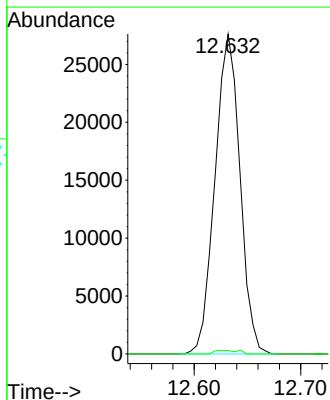
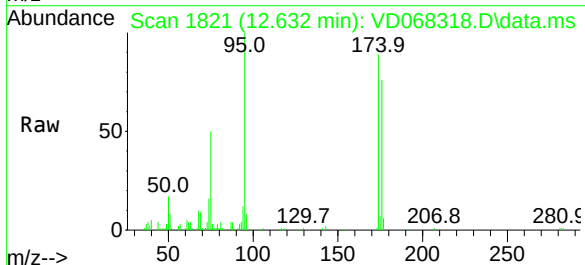
Instrument :
MSVOA_D
ClientSampled :

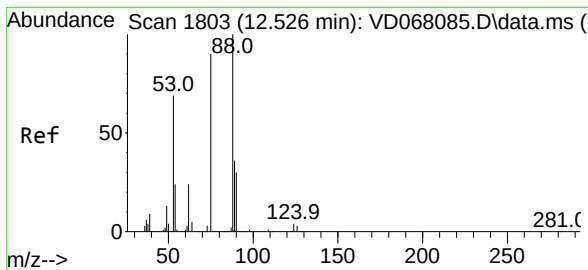
Tgt Ion:152 Resp: 96437
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 159.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 48.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068318.D
Acq: 08 Feb 2021 15:24

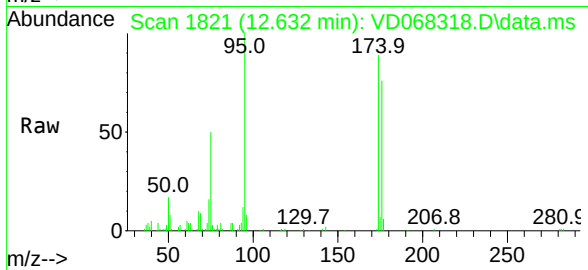
Tgt Ion: 75 Resp: 44887
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.41 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068318.D
 Acq: 08 Feb 2021 15:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	44887
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.2	105.2#
89	0.1	40.3	60.5#

