

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068968.D
 Acq On : 23 Apr 2021 15:32
 Operator : VA/SY
 Sample : M2107-06RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:50:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

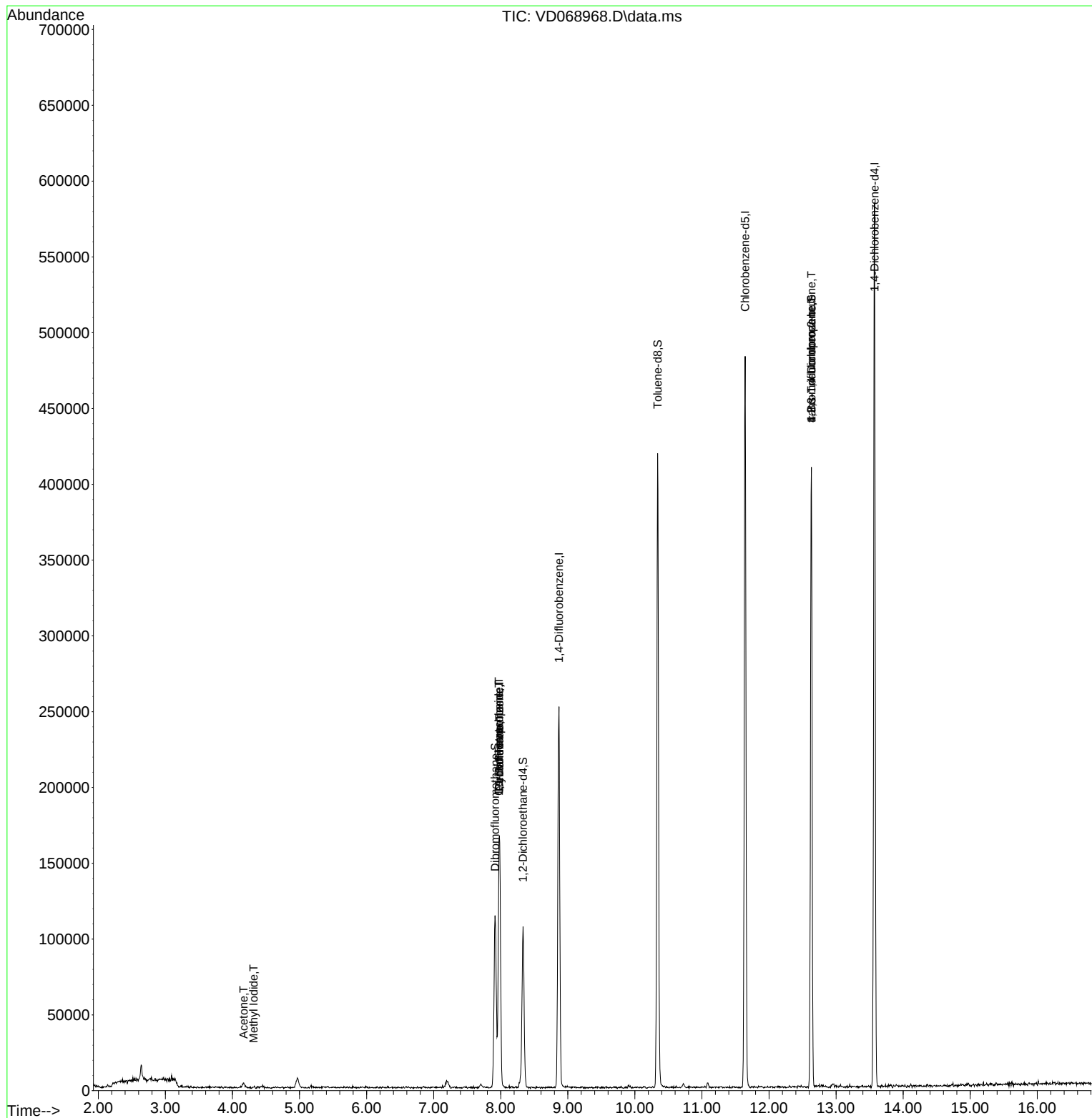
Internal Standards						
1) Pentafluorobenzene	7.979	168	135417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	227921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	299772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	161119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	81173	56.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.44%			
35) Dibromofluoromethane	7.914	113	84112	56.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.48%			
50) Toluene-d8	10.338	98	292495	52.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.60%			
62) 4-Bromofluorobenzene	12.632	95	131399	70.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 141.48%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	71	2.29	ug/l #	41
11) Tert butyl alcohol	5.232	59	117	Below Cal	#	73
16) Acetone	4.168	43	4949	24.97	ug/l	100
20) Methylene Chloride	4.979	84	5496	Below Cal	#	66
31) Cyclohexane	7.979	56	2452	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	9876	4.28	ug/l #	49
38) Carbon Tetrachloride	7.973	117	13225	5.79	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	65580	44.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	65580	103.40	ug/l #	16

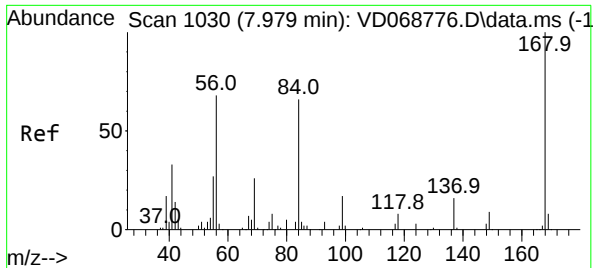
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
Data File : VD068968.D
Acq On : 23 Apr 2021 15:32
Operator : VA/SY
Sample : M2107-06RE
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 26 09:50:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

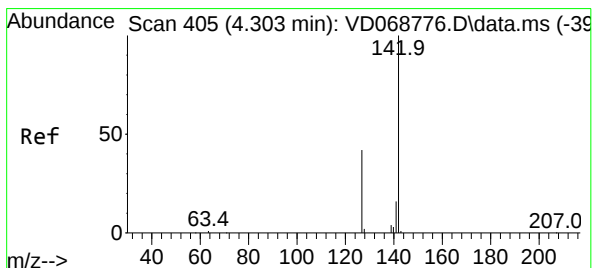
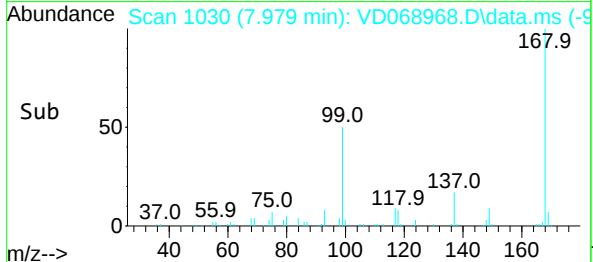
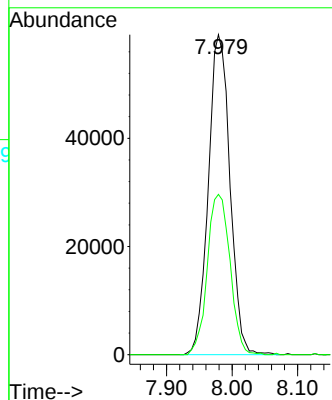
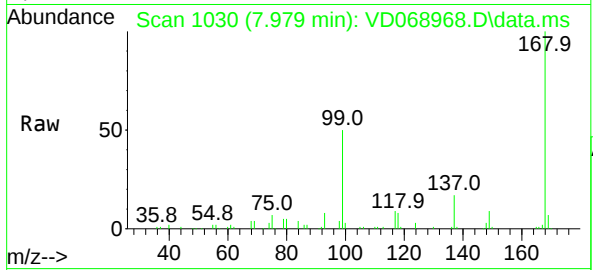




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

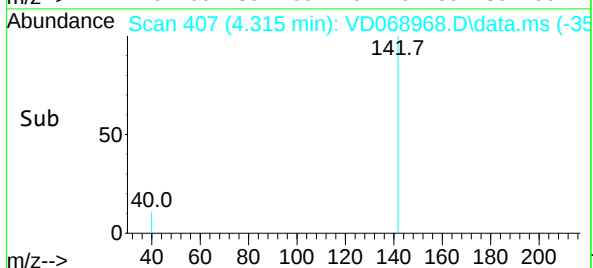
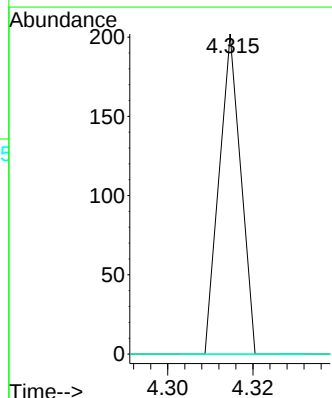
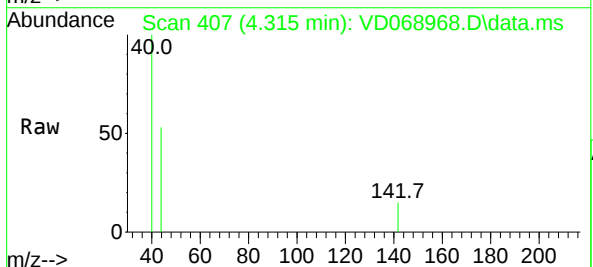
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 135417
Ion Ratio Lower Upper
168 100
99 50.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

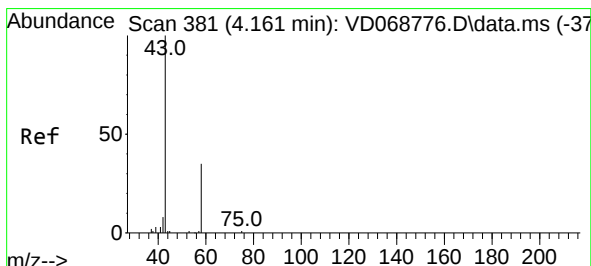
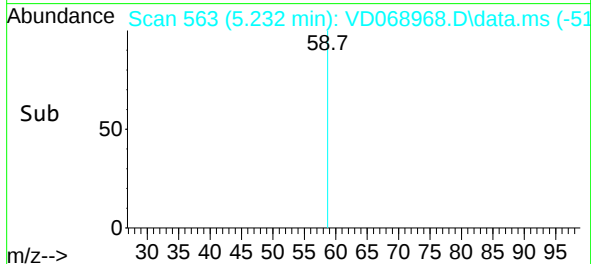
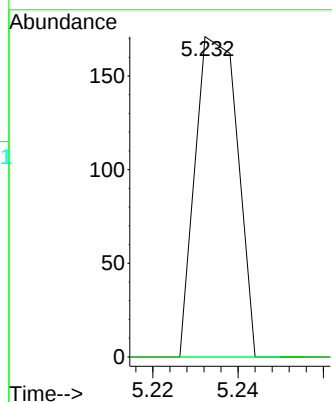
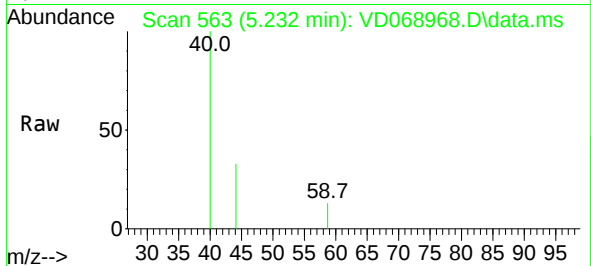




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

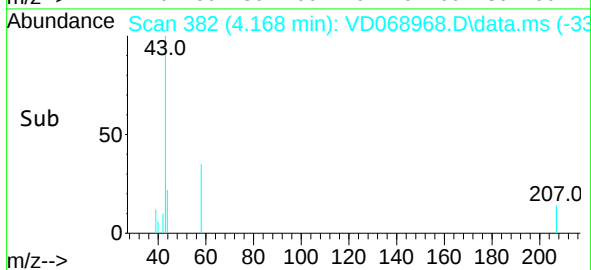
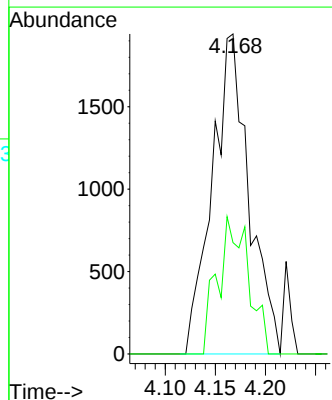
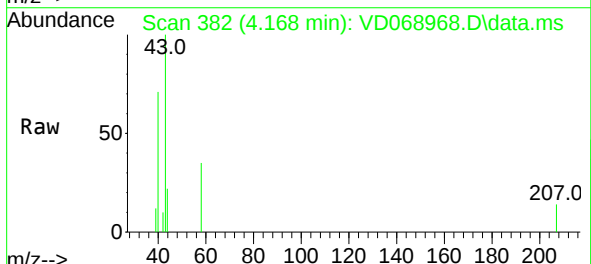
Instrument :
MSVOA_D
ClientSampled :

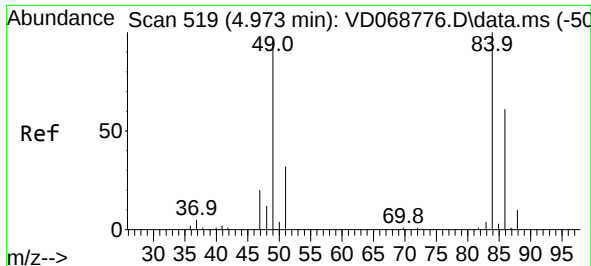
Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 24.97 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#20

Methylene Chloride

Concen: Below Cal

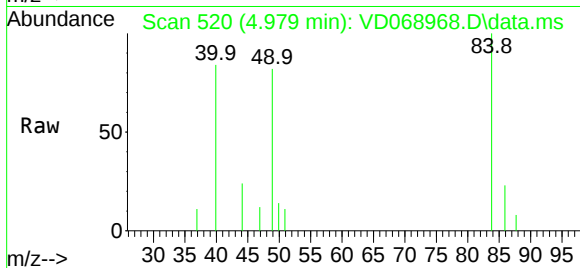
RT: 4.979 min Scan# 520

Delta R.T. 0.006 min

Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 5496

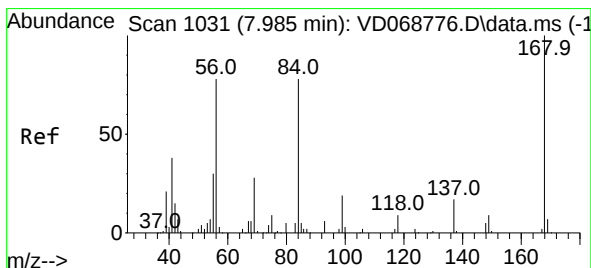
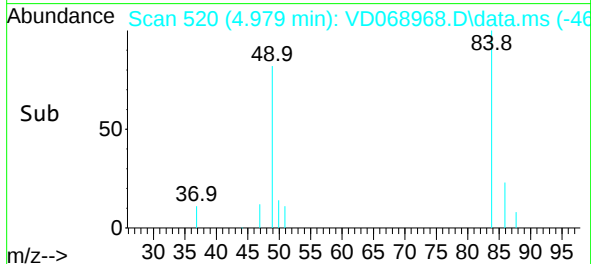
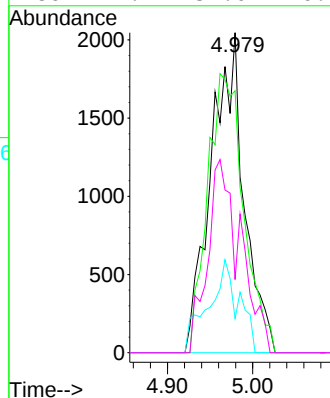
Ion Ratio Lower Upper

84 100

49 81.9 83.4 125.0#

51 10.7 23.4 35.2#

86 22.9 51.0 76.4#



#31

Cyclohexane

Concen: 1.03 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

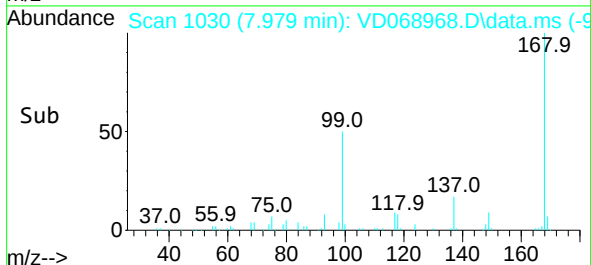
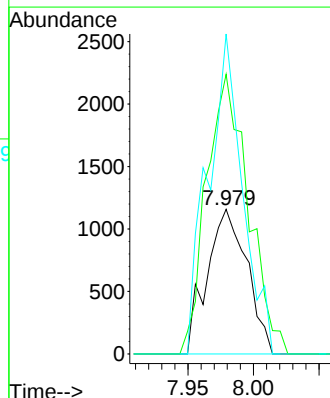
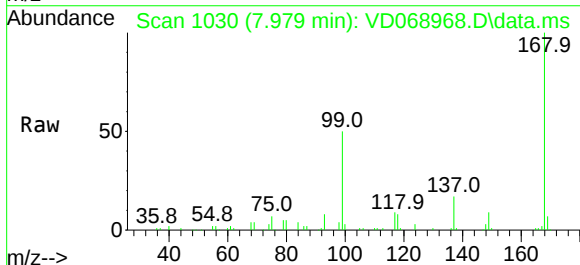
Tgt Ion: 56 Resp: 2452

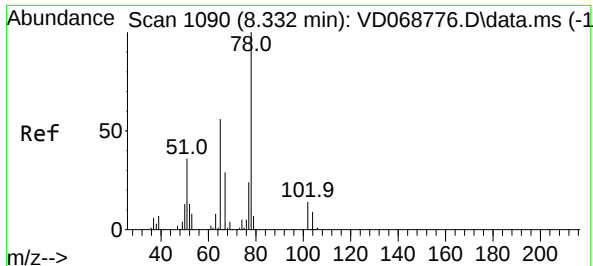
Ion Ratio Lower Upper

56 100

69 193.4 30.0 45.0#

84 221.3 82.0 123.0#

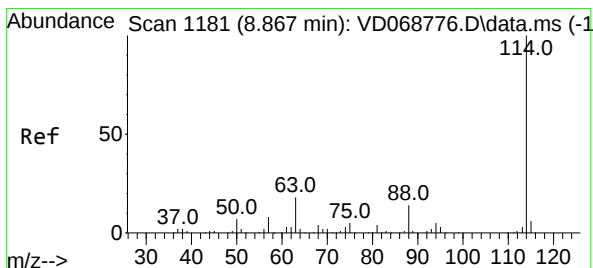
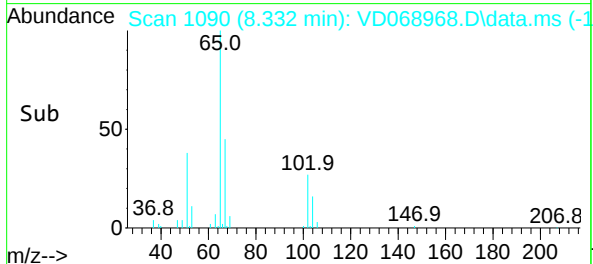
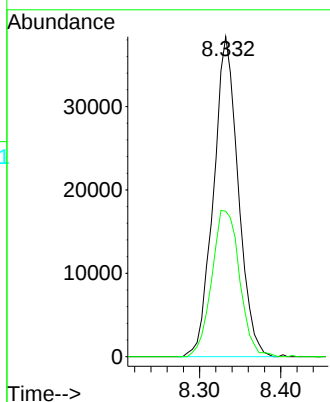
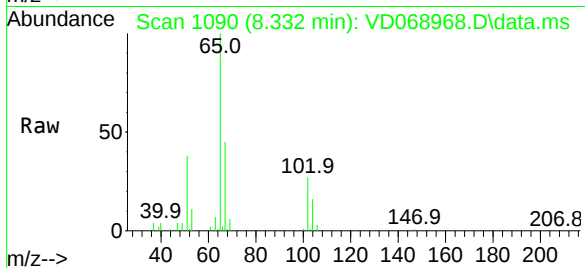




#33
1,2-Dichloroethane-d4
Concen: 56.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

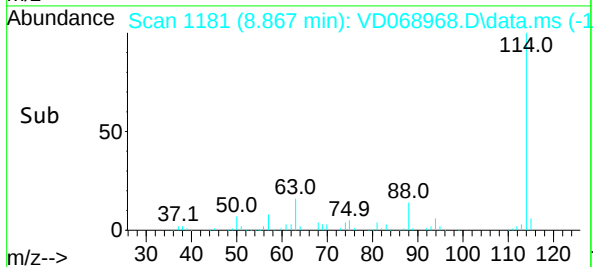
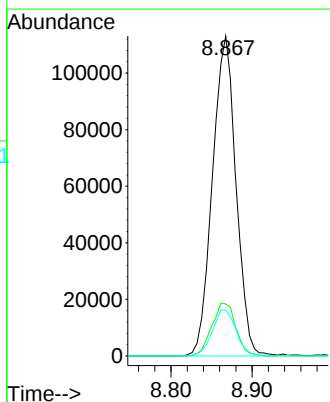
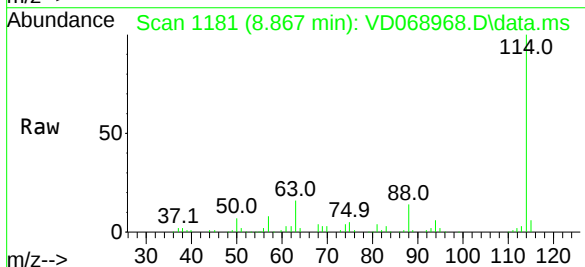
Instrument :
MSVOA_D
ClientSampled :

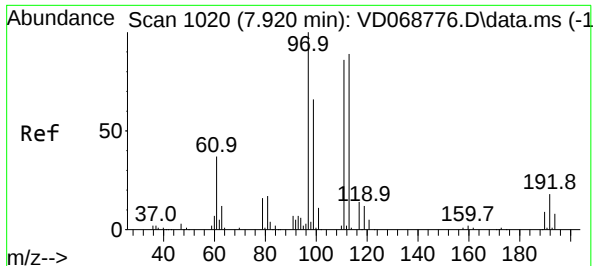
Tgt Ion: 65 Resp: 81173
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

Tgt Ion: 114 Resp: 227921
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.2
88 14.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 56.74 ug/l

RT: 7.914 min Scan# 1019

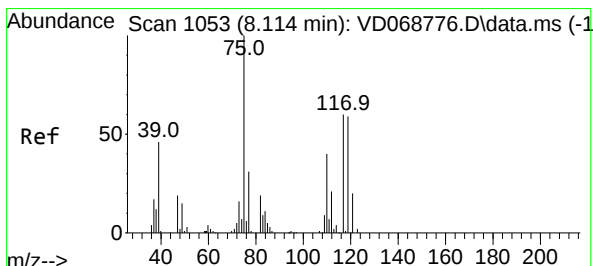
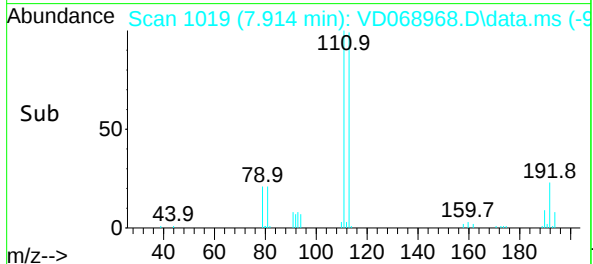
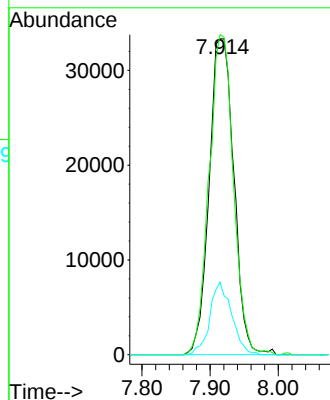
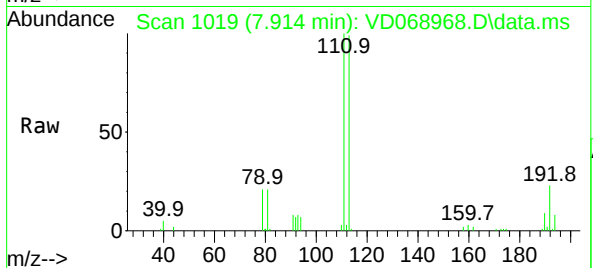
Delta R.T. -0.006 min

Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

Tgt Ion:	113	Resp:	84112
Ion Ratio	Lower	Upper	
113	100		
111	99.9	82.5	123.7
192	20.3	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.28 ug/l

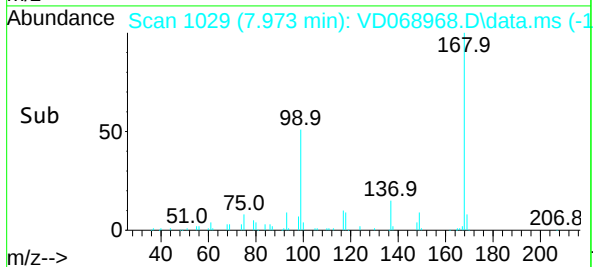
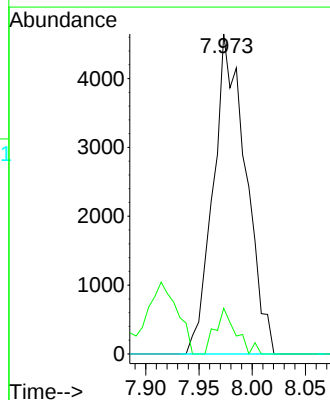
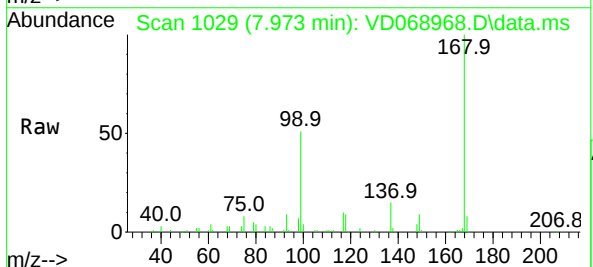
RT: 7.973 min Scan# 1029

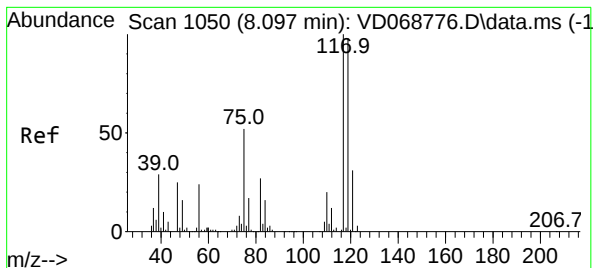
Delta R.T. -0.141 min

Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

Tgt Ion:	75	Resp:	9876
Ion Ratio	Lower	Upper	
75	100		
110	9.1	18.1	54.4#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.79 ug/l

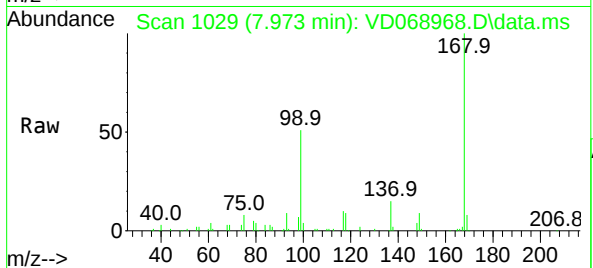
RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

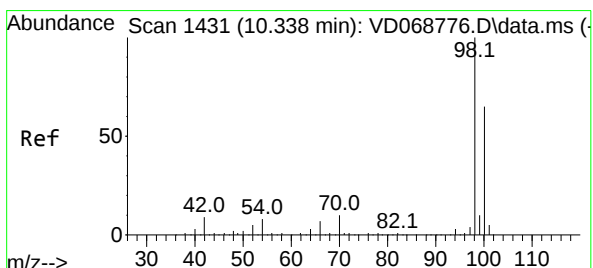
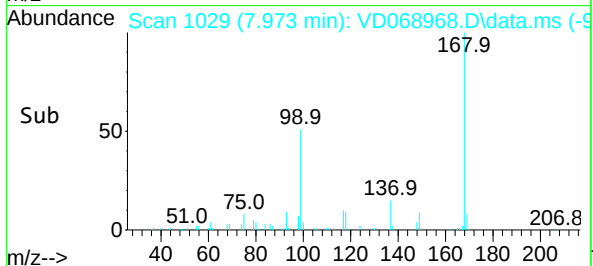
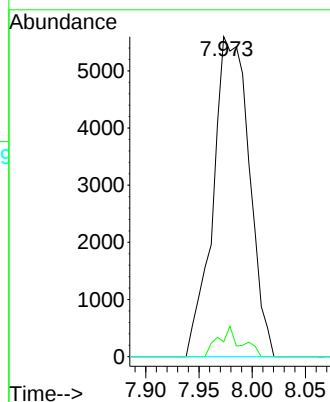
Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	117	Resp:	13225
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.6	115.0#
121	0.0	26.1	39.1#



#50

Toluene-d8

Concen: 52.30 ug/l

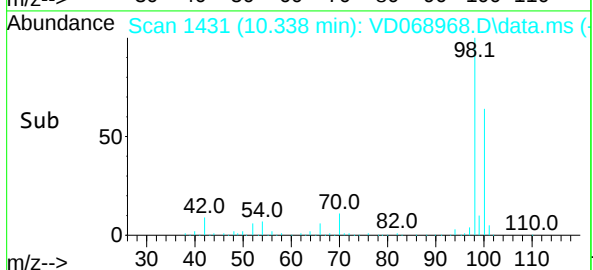
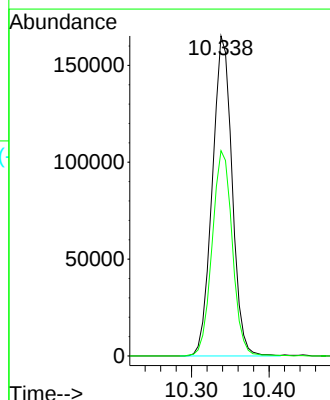
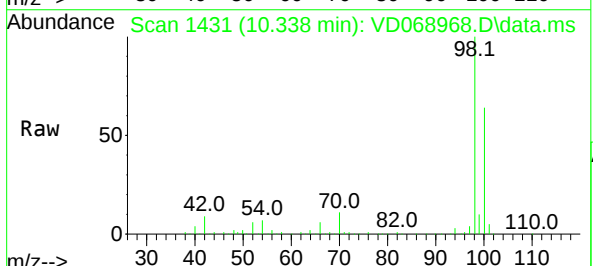
RT: 10.338 min Scan# 1431

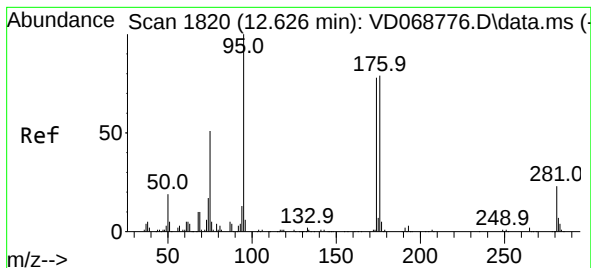
Delta R.T. -0.000 min

Lab File: VD068968.D

Acq: 23 Apr 2021 15:32

Tgt Ion:	98	Resp:	292495
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.6

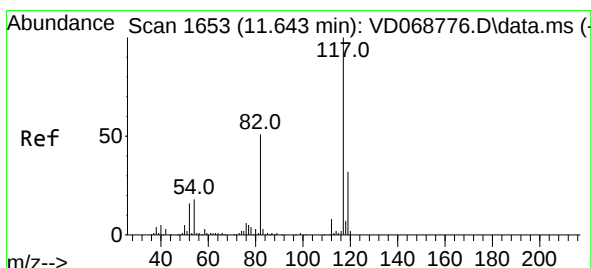
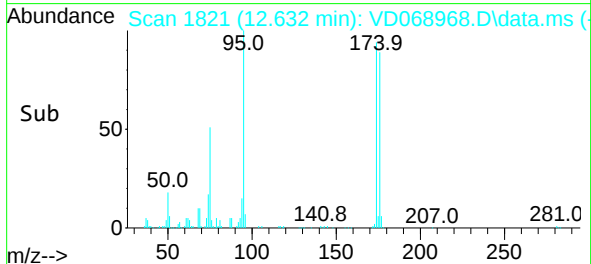
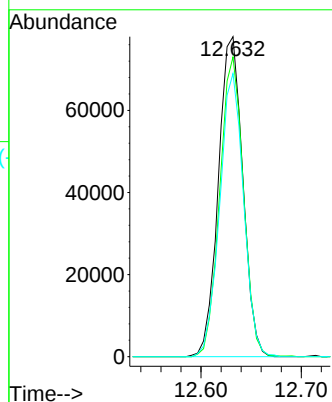
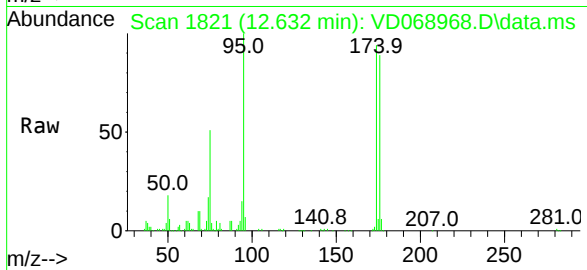




#62
4-Bromofluorobenzene
Concen: 70.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

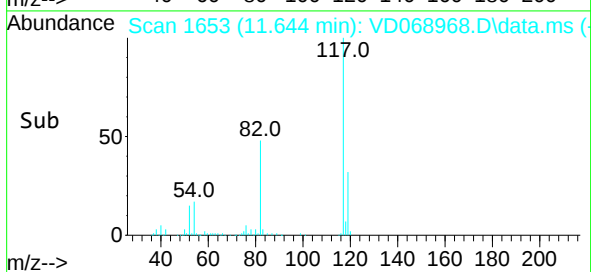
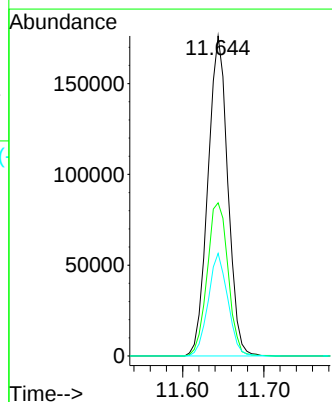
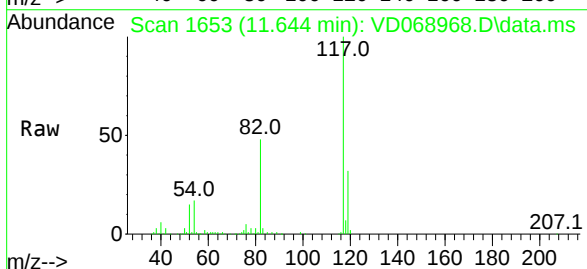
Instrument :
MSVOA_D
ClientSampleId :

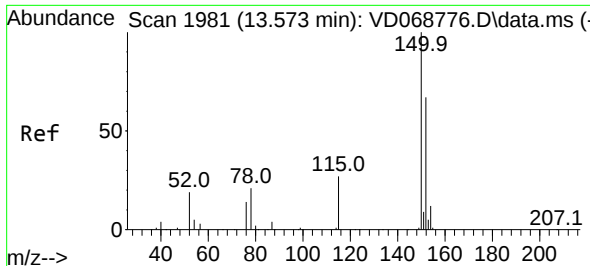
Tgt Ion: 95 Resp: 131399
Ion Ratio Lower Upper
95 100
174 90.8 0.0 168.0
176 86.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

Tgt Ion:117 Resp: 299772
Ion Ratio Lower Upper
117 100
82 47.9 43.5 65.3
119 32.1 26.7 40.1

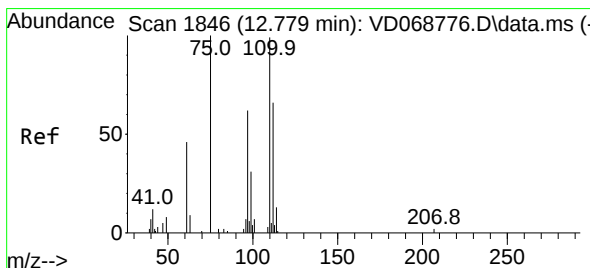
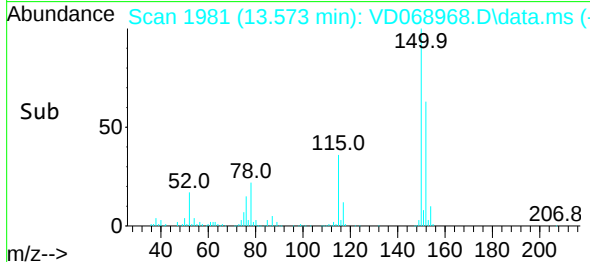
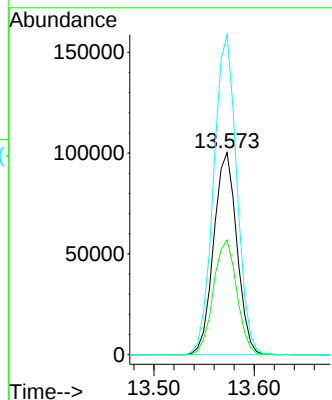
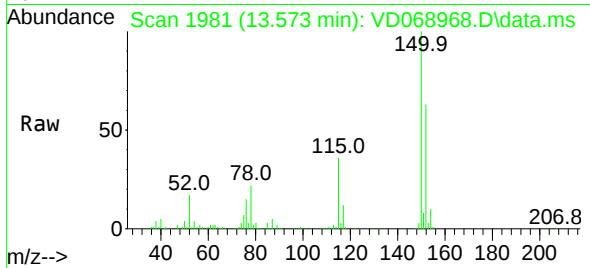




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

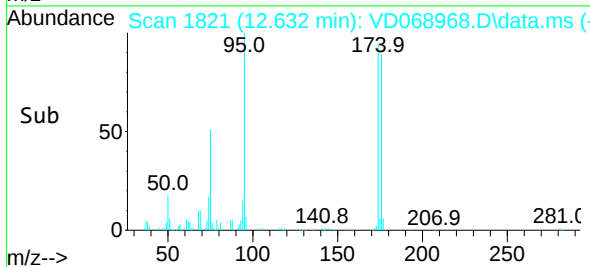
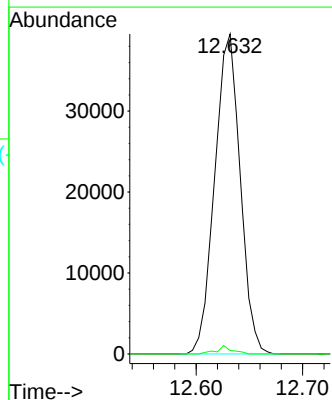
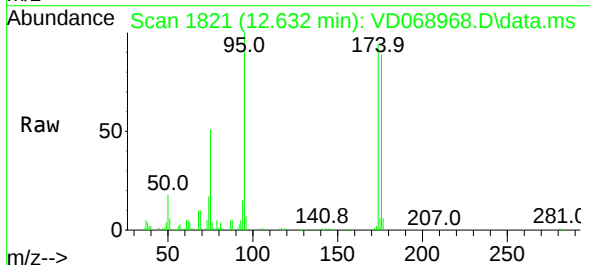
Instrument :
MSVOA_D
ClientSampleId :

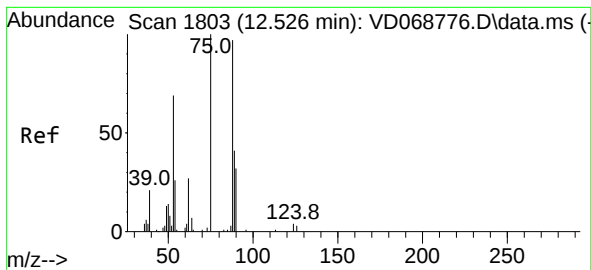
Tgt Ion:152 Resp: 161119
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068968.D
Acq: 23 Apr 2021 15:32

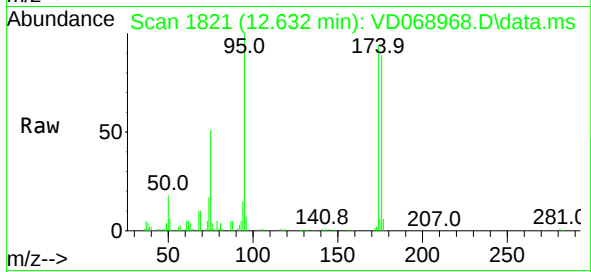
Tgt Ion: 75 Resp: 65580
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.40 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068968.D
 Acq: 23 Apr 2021 15:32

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 65580
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

