

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069000.D
 Acq On : 28 Apr 2021 13:18
 Operator : VA/SY
 Sample : M2190-01
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:31:08 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)

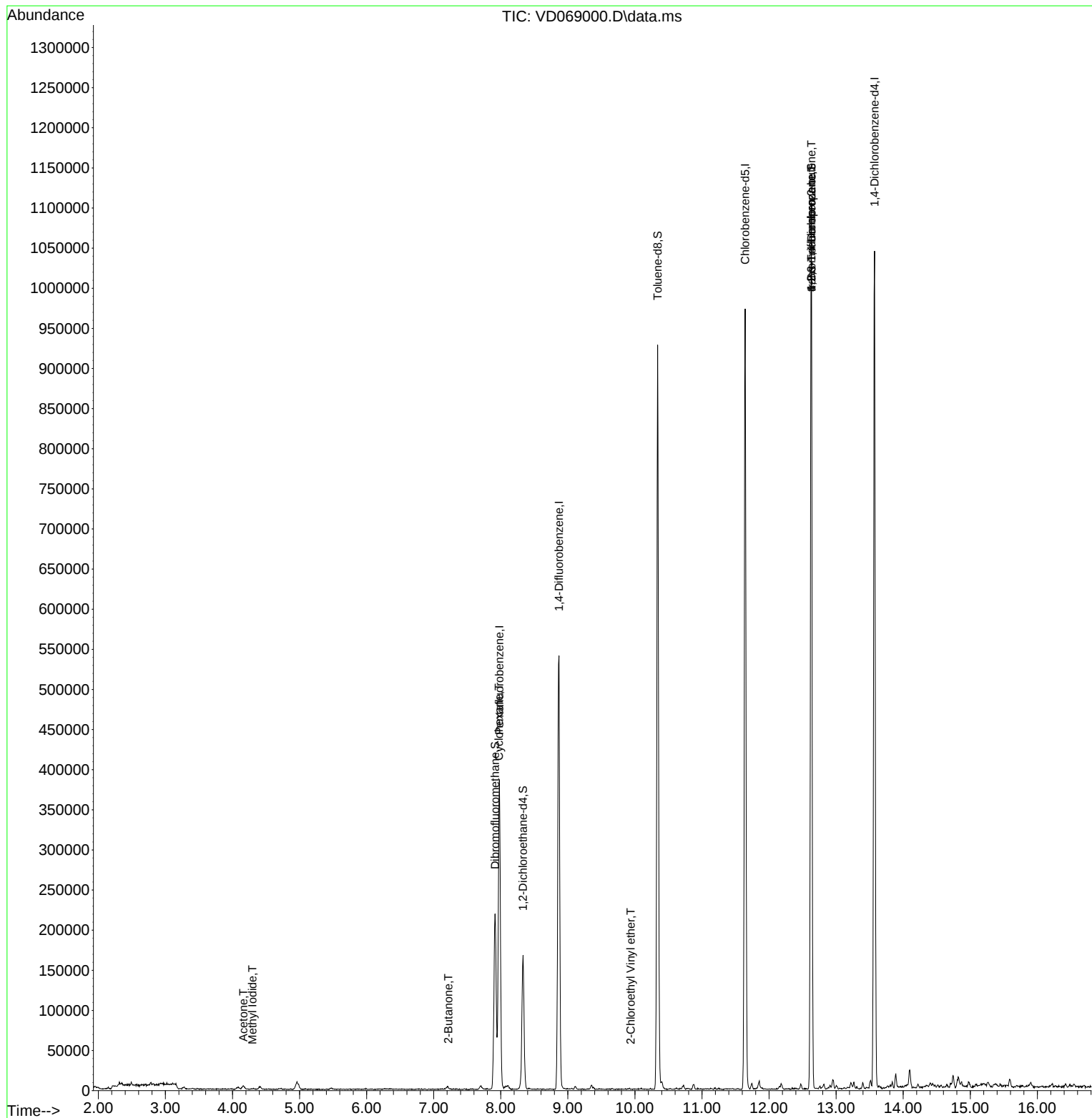
Internal Standards						
1) Pentafluorobenzene	7.979	168	290241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	497053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	584814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	286919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126232	41.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.30%
35) Dibromofluoromethane	7.914	113	157006	48.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.12%
50) Toluene-d8	10.337	98	634045	51.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.98%
62) 4-Bromofluorobenzene	12.631	95	273029	67.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	134.80%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	660	2.43	ug/l #	64
11) Tert butyl alcohol	5.214	59	73	Below	Cal #	73
16) Acetone	4.161	43	6912	16.27	ug/l #	78
20) Methylene Chloride	4.985	84	7195	Below	Cal #	74
25) 2-Butanone	7.220	43	710	1.18	ug/l #	39
31) Cyclohexane	7.973	56	7407	1.45	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.937	63	76	17.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	136269	51.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	136269	120.65	ug/l #	16

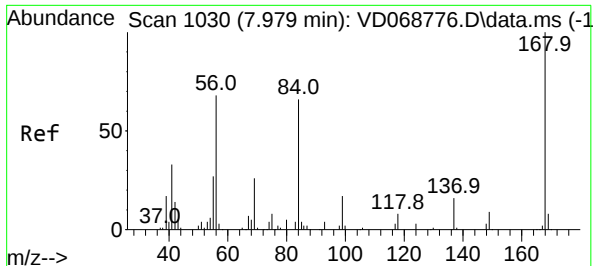
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD069000.D
Acq On : 28 Apr 2021 13:18
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Quant Time: Apr 29 06:31:08 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

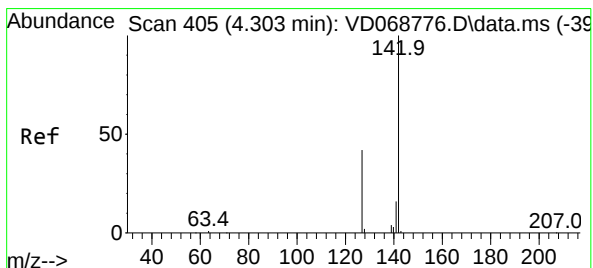
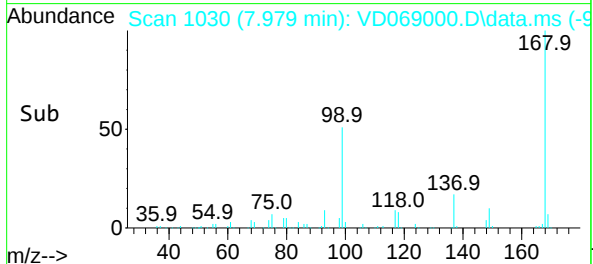
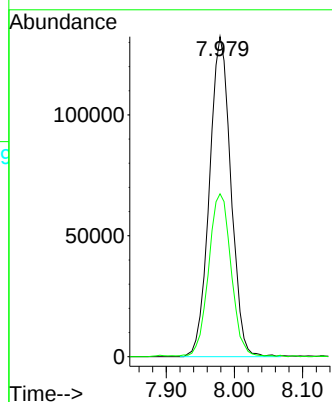
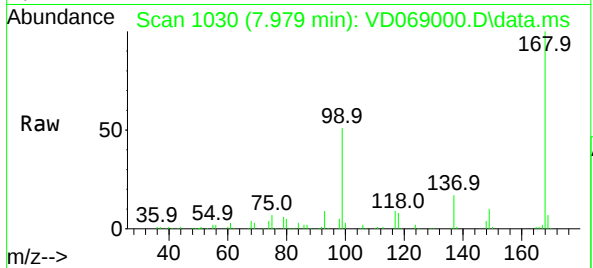




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

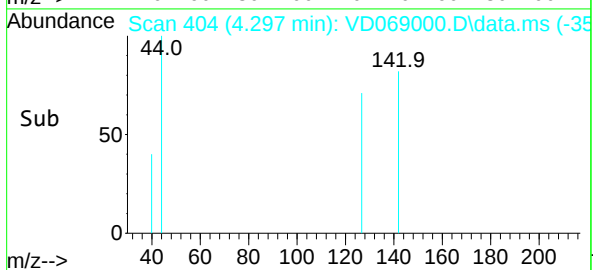
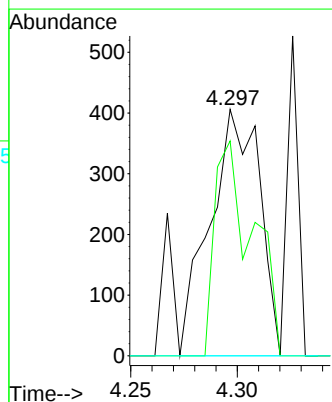
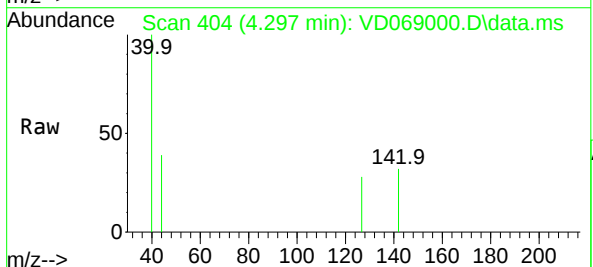
Instrument :
MSVOA_D
ClientSampled :

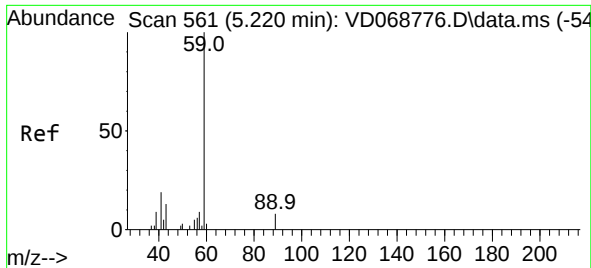
Tgt Ion:168 Resp: 290241
Ion Ratio Lower Upper
168 100
99 50.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.43 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Tgt Ion:142 Resp: 660
Ion Ratio Lower Upper
142 100
127 66.7 34.7 52.1#
141 0.0 11.0 16.4#

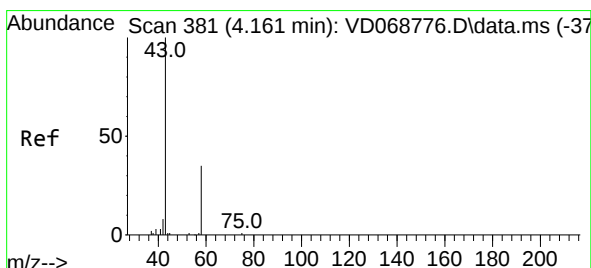
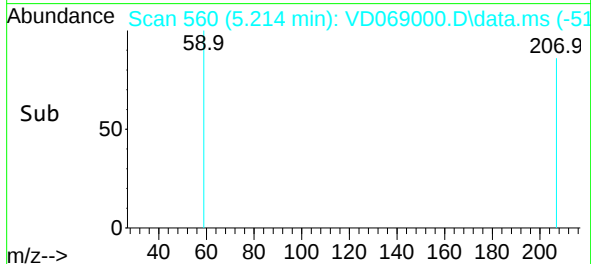
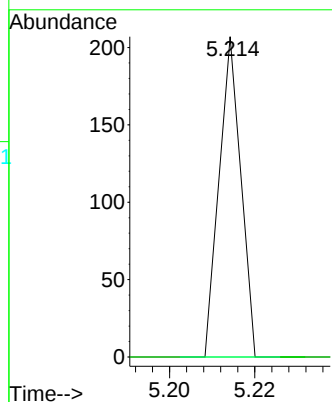
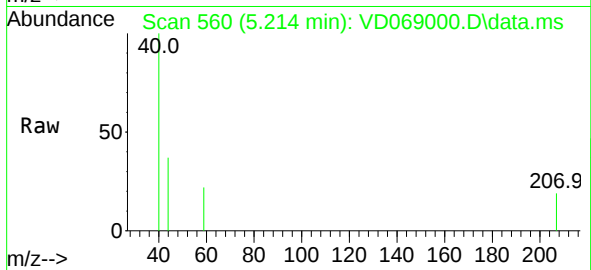




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

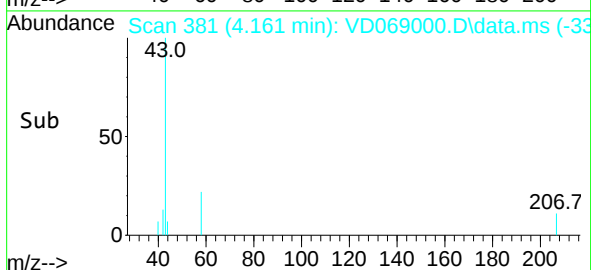
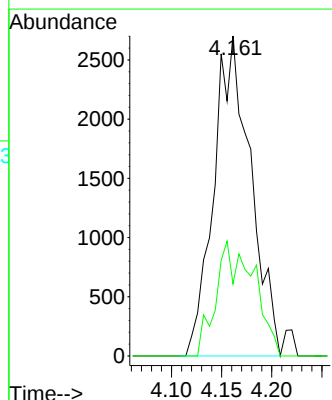
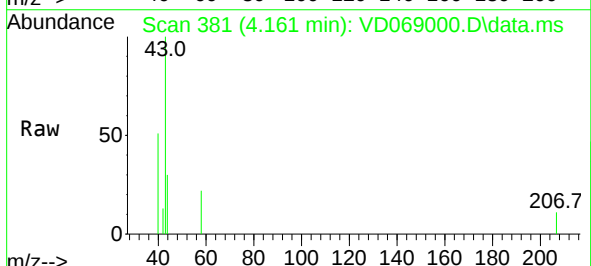
Instrument :
MSVOA_D
ClientSampled :

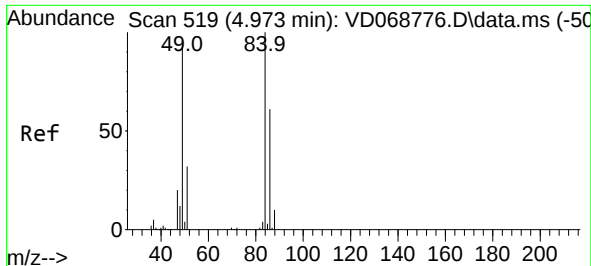
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 16.27 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

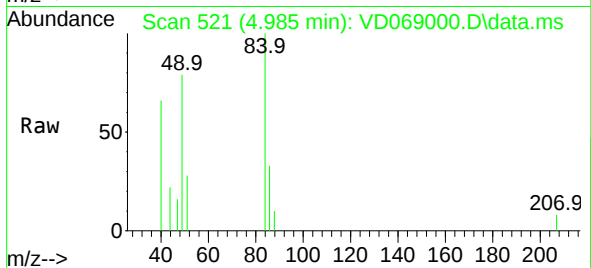
Tgt Ion: 43 Resp: 6912
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#



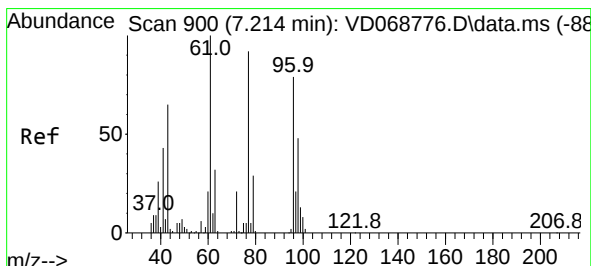
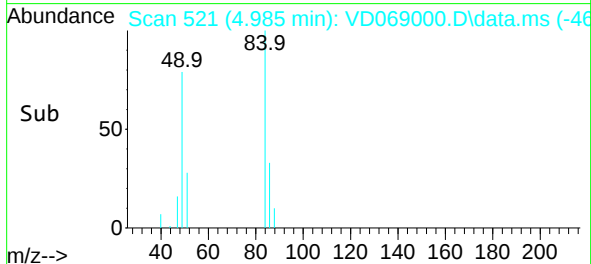
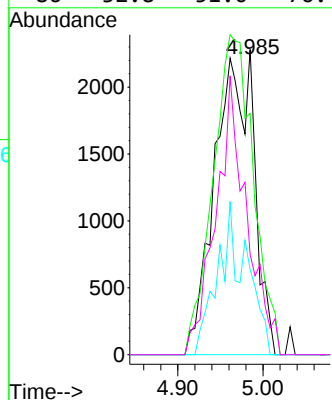


#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.012 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Instrument :
MSVOA_D
ClientSampled :

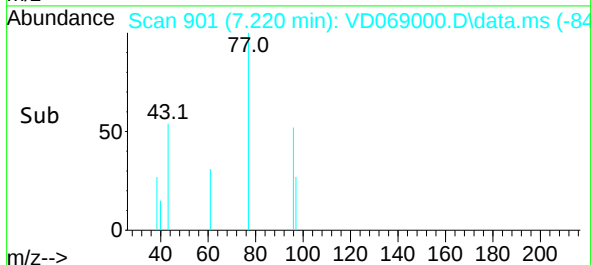
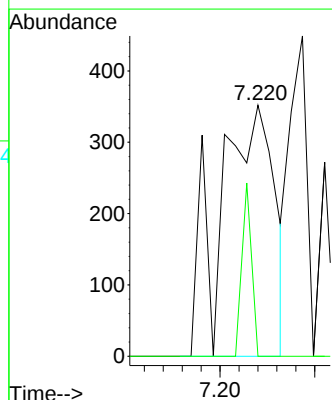
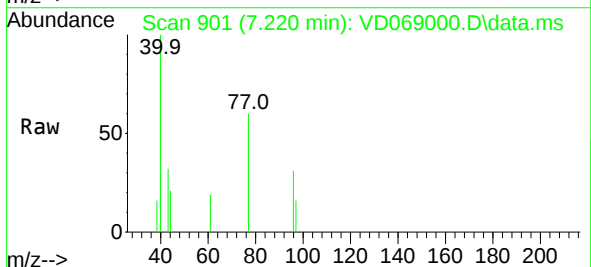


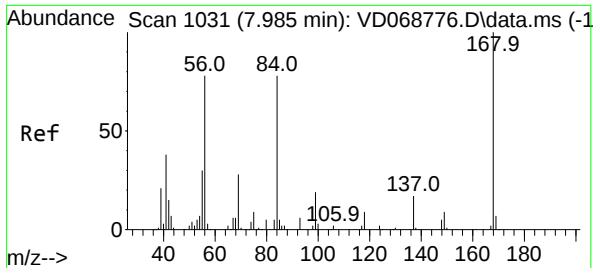
Tgt Ion: 84 Resp: 7195
Ion Ratio Lower Upper
84 100
49 79.1 83.4 125.0#
51 27.9 23.4 35.2
86 32.8 51.0 76.4#



#25
2-Butanone
Concen: 1.18 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#

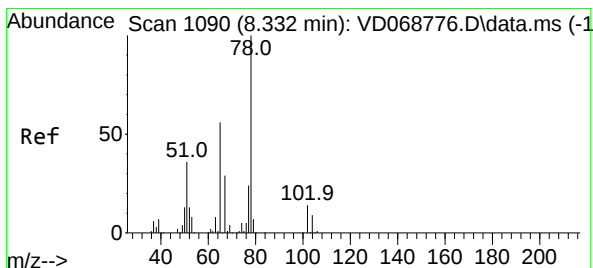
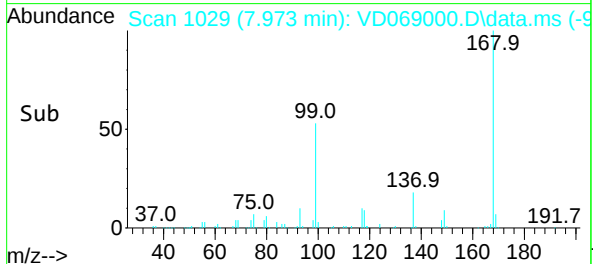
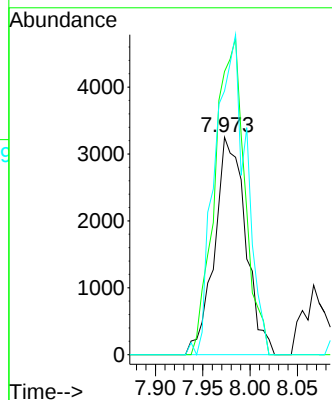
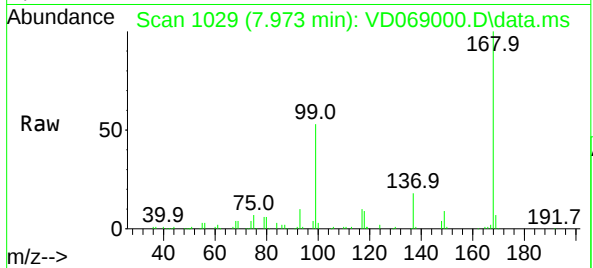




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

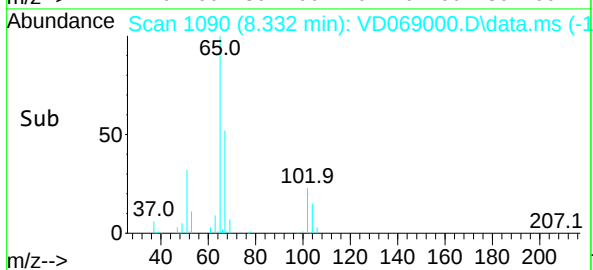
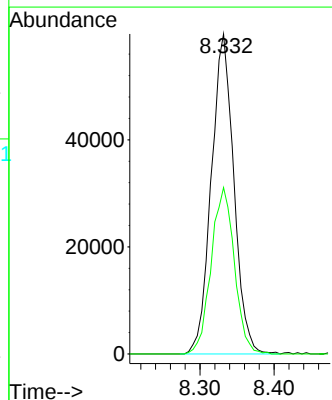
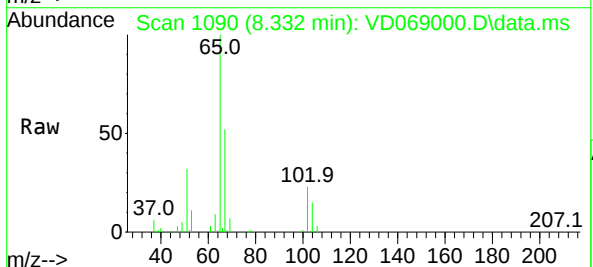
Instrument :
MSVOA_D
ClientSampled :

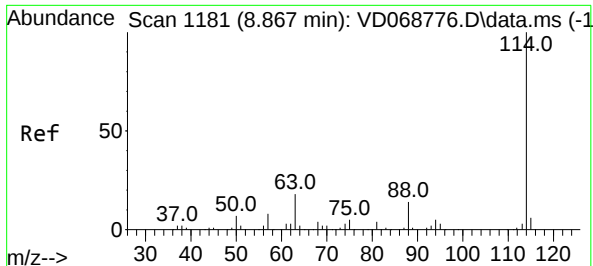
Tgt Ion: 56 Resp: 7407
Ion Ratio Lower Upper
56 100
69 130.2 30.0 45.0#
84 121.2 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Tgt Ion: 65 Resp: 126232
Ion Ratio Lower Upper
65 100
67 53.6 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: VD069000.D

Acq: 28 Apr 2021 13:18

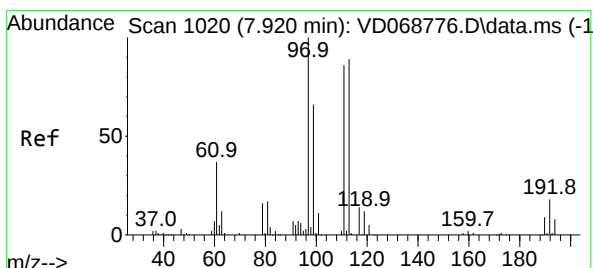
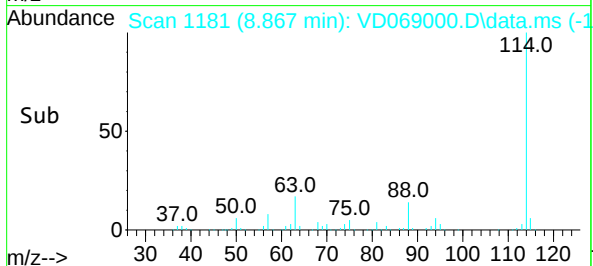
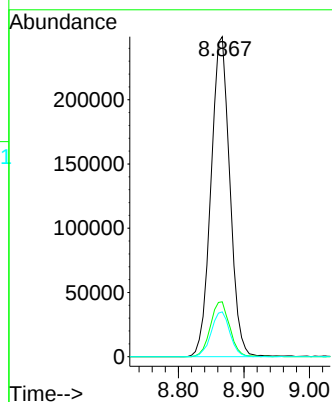
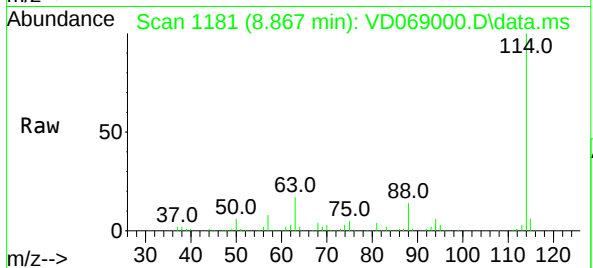
Tgt Ion:114 Resp: 497053

Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.2

88 14.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.56 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069000.D

Acq: 28 Apr 2021 13:18

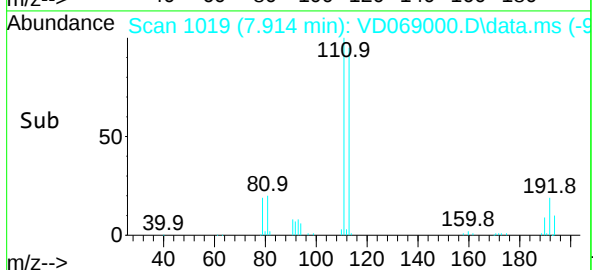
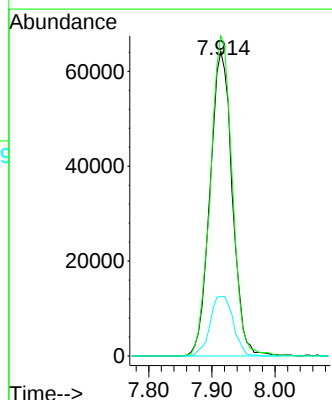
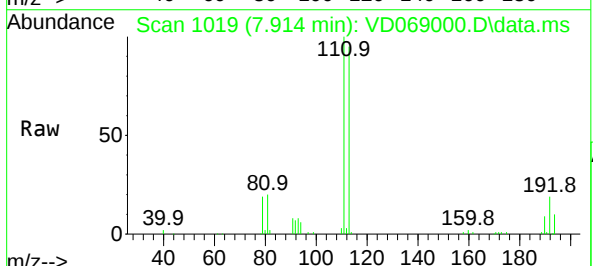
Tgt Ion:113 Resp: 157006

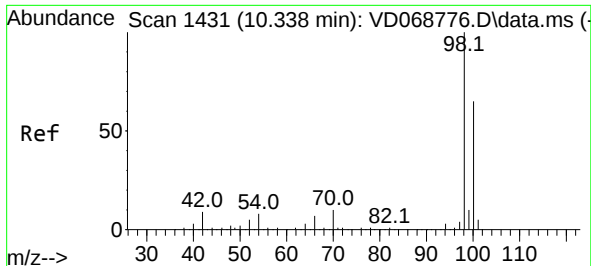
Ion Ratio Lower Upper

113 100

111 103.7 82.5 123.7

192 20.4 15.1 22.7

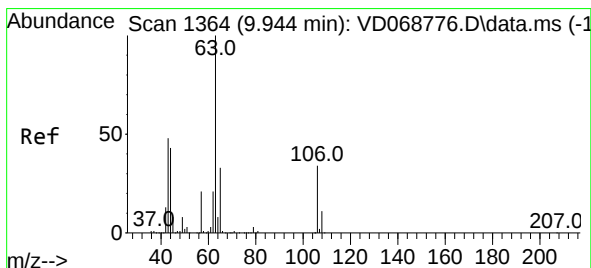
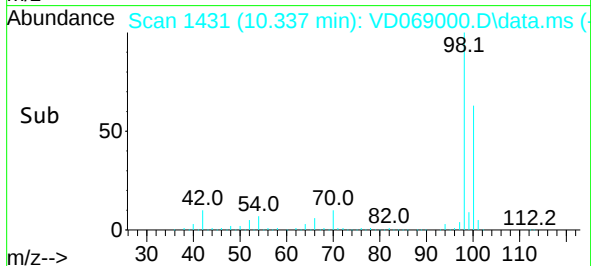
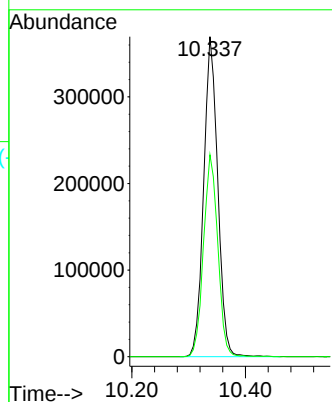
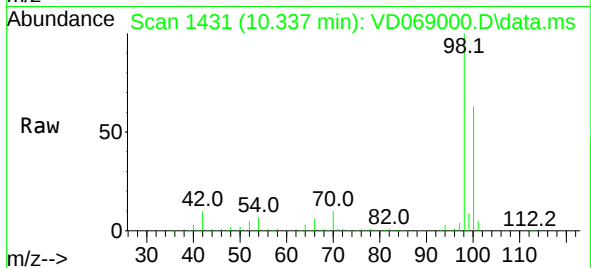




#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

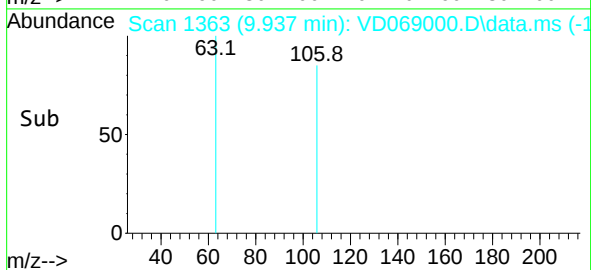
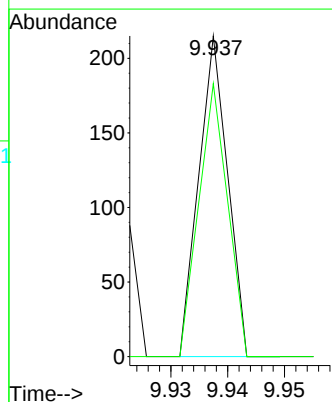
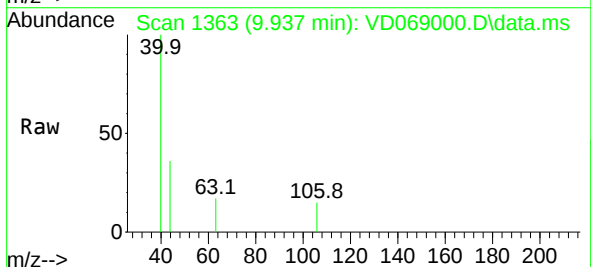
Instrument :
MSVOA_D
ClientSampleId :

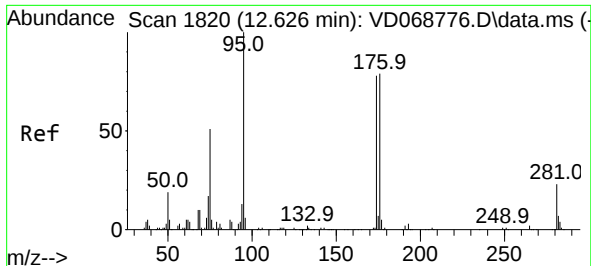
Tgt Ion: 98 Resp: 634045
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.007 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Tgt Ion: 63 Resp: 76
Ion Ratio Lower Upper
63 100
106 85.5 24.6 36.8#

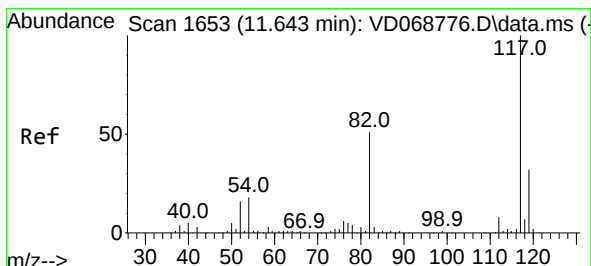
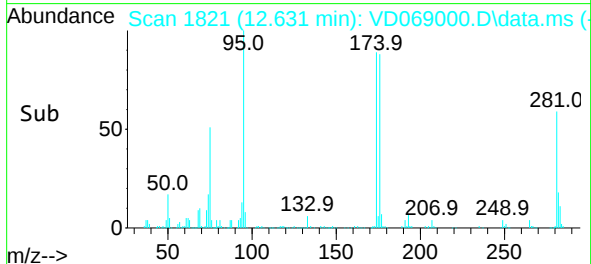
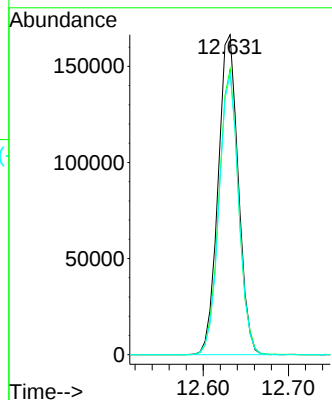
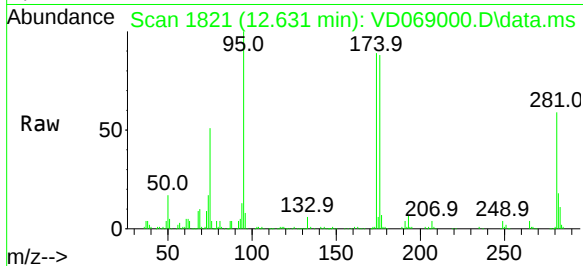




#62
4-Bromofluorobenzene
Concen: 67.40 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

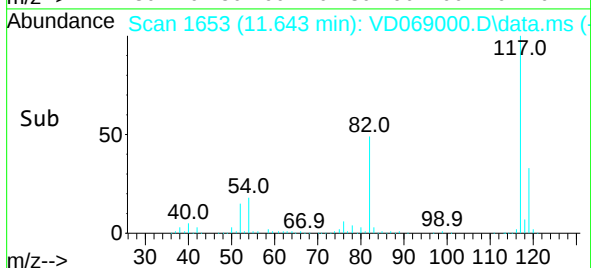
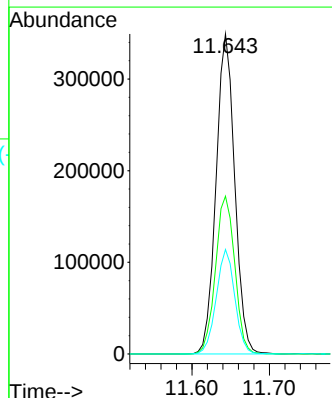
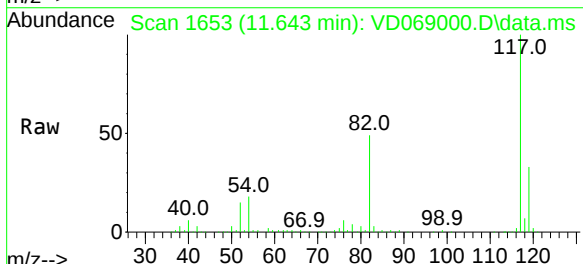
Instrument :
MSVOA_D
ClientSampled :

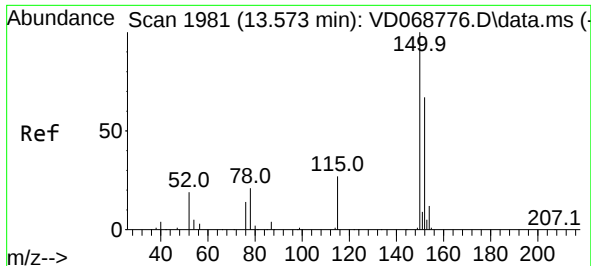
Tgt Ion: 95 Resp: 273029
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 85.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

Tgt Ion:117 Resp: 584814
Ion Ratio Lower Upper
117 100
82 49.3 43.5 65.3
119 32.7 26.7 40.1

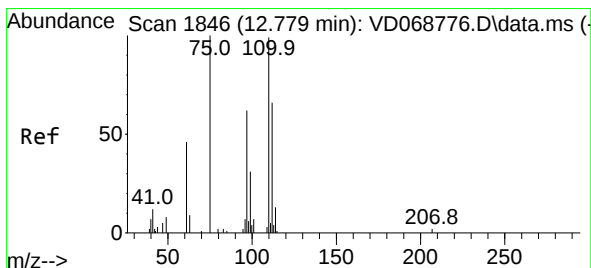
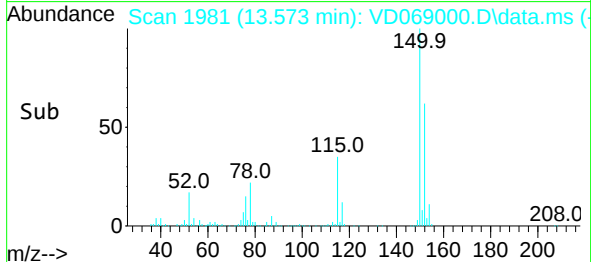
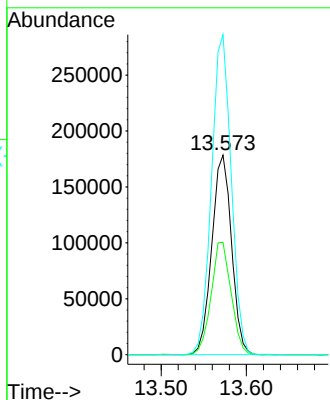
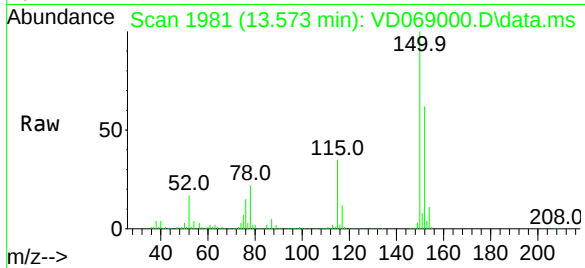




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

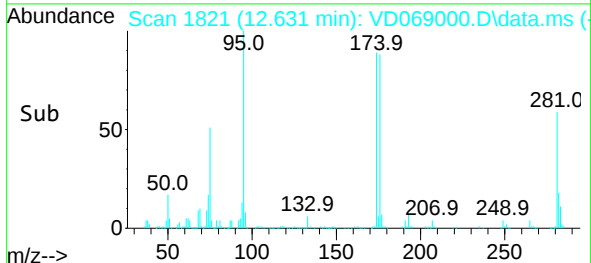
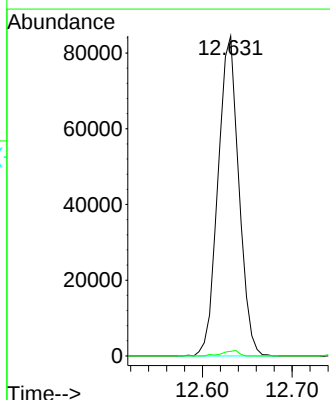
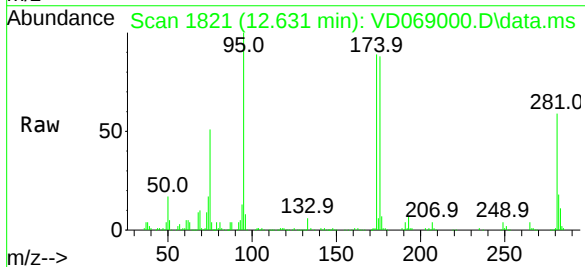
Instrument :
MSVOA_D
ClientSampled :

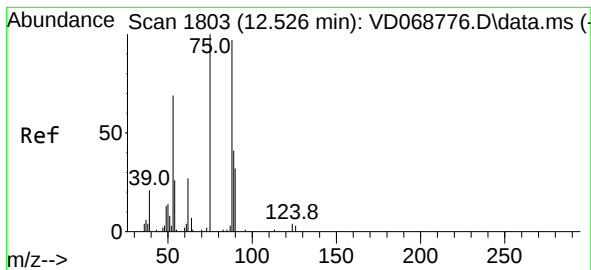
Tgt Ion:152 Resp: 286919
Ion Ratio Lower Upper
152 100
115 57.1 29.3 87.8
150 160.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.99 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD069000.D
Acq: 28 Apr 2021 13:18

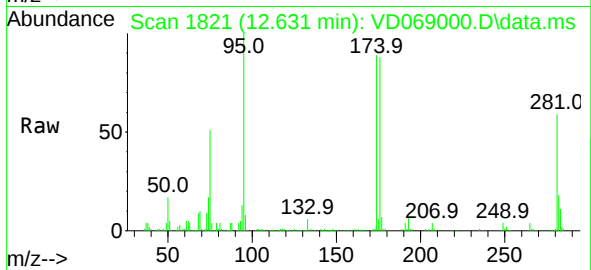
Tgt Ion: 75 Resp: 136269
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.65 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.105 min
 Lab File: VD069000.D
 Acq: 28 Apr 2021 13:18

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 136269
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.4 36.6 54.8#

