

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069029.D
 Acq On : 29 Apr 2021 20:20
 Operator : VA/SY
 Sample : M2217-14
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:31 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)

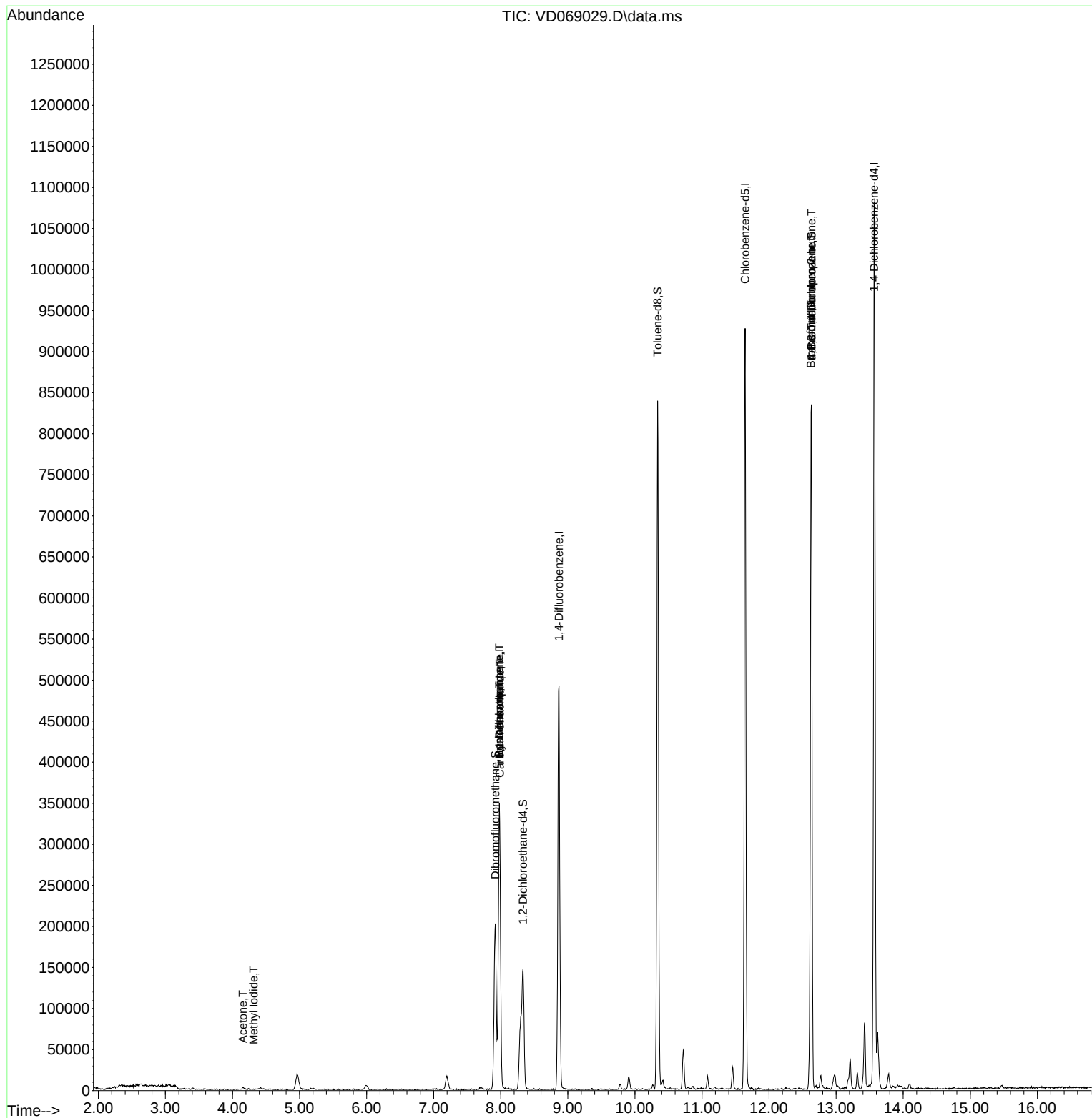
Internal Standards						
1) Pentafluorobenzene	7.979	168	264345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	566936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	307260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	110176	39.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.88%		
35) Dibromofluoromethane	7.920	113	141748	47.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.50%		
50) Toluene-d8	10.338	98	585512	52.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.58%		
62) 4-Bromofluorobenzene	12.632	95	261398	70.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	140.56%		
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	69	2.27	ug/l #	41
11) Tert butyl alcohol	5.167	59	570	Below Cal	#	73
16) Acetone	4.156	43	3701	9.57	ug/l	99
31) Cyclohexane	7.979	56	5496	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	19522	4.23	ug/l #	48
38) Carbon Tetrachloride	7.985	117	27126	5.93	ug/l #	16
71) Bromoform	12.626	173	2648	1.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	122396	43.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122396	101.19	ug/l #	16

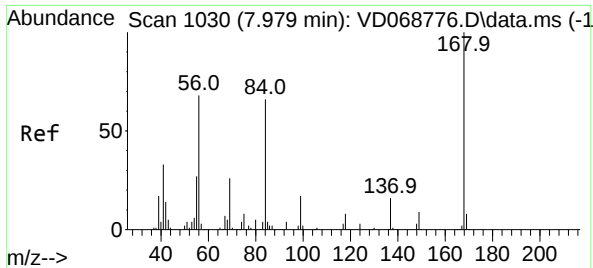
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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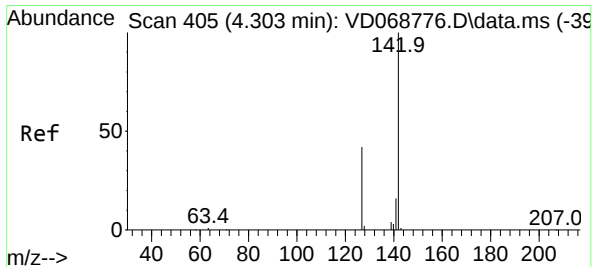
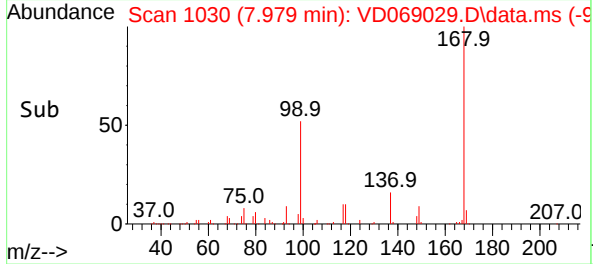
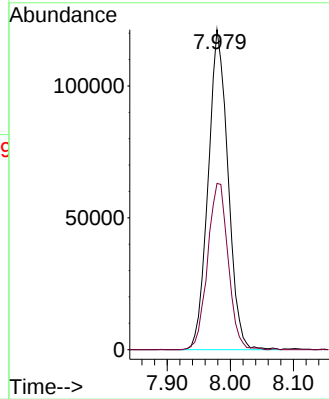
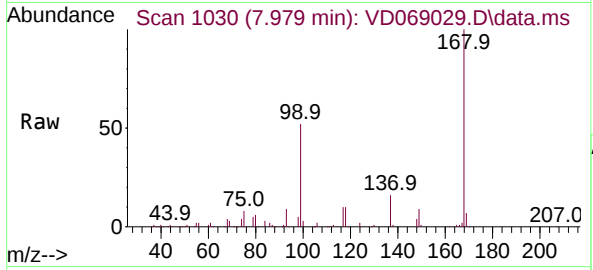




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

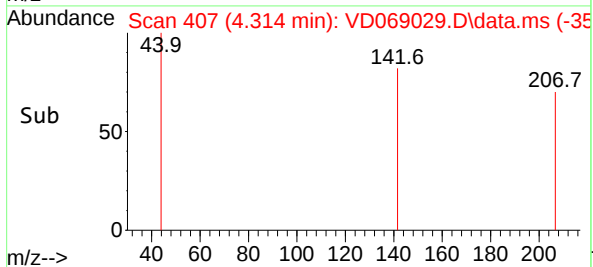
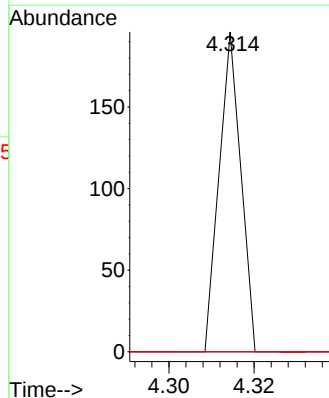
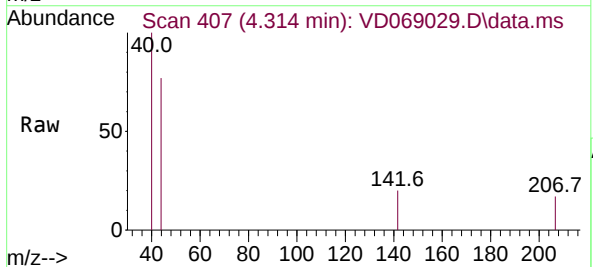
Instrument :
MSVOA_D
ClientSampleId :

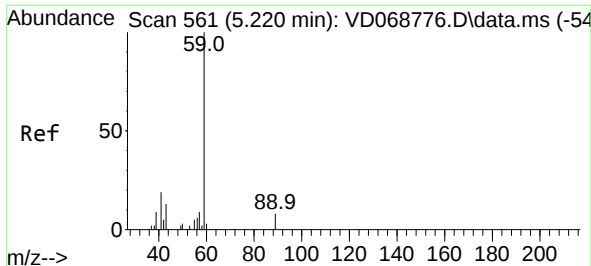
Tgt Ion:168 Resp: 264345
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

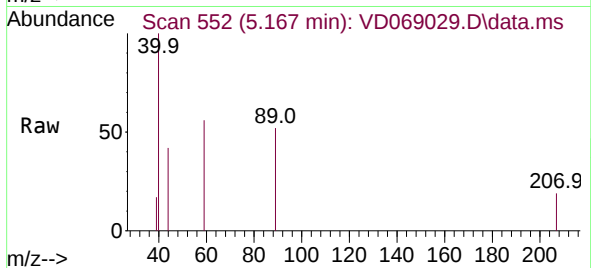




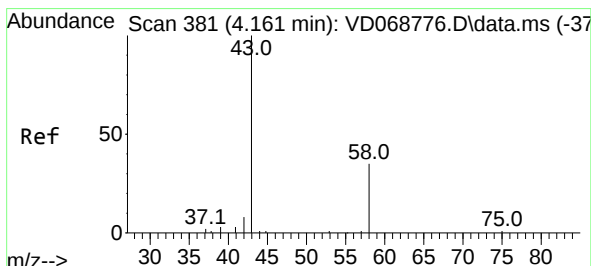
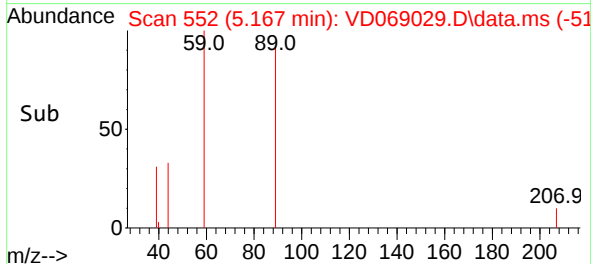
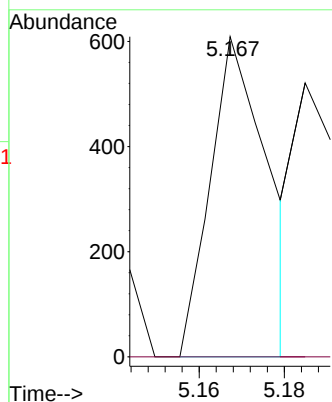
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.167 min Scan# 552
Delta R.T. -0.053 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Instrument :
MSVOA_D
ClientSampleId :



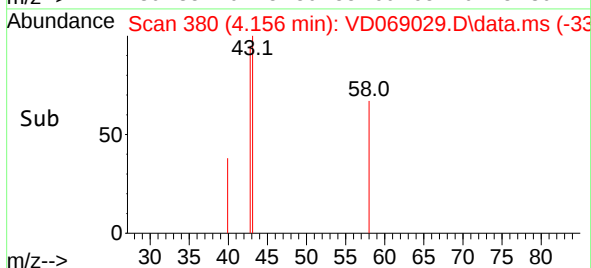
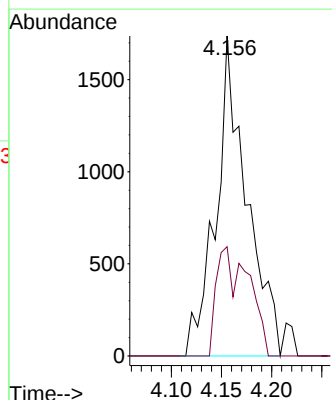
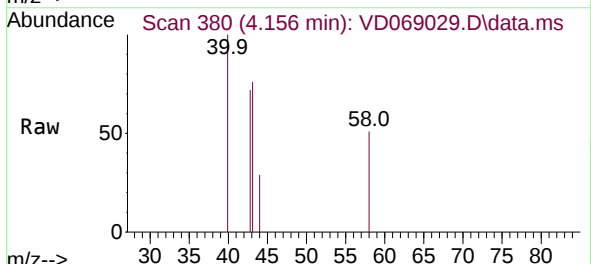
Tgt Ion: 59 Resp: 570
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

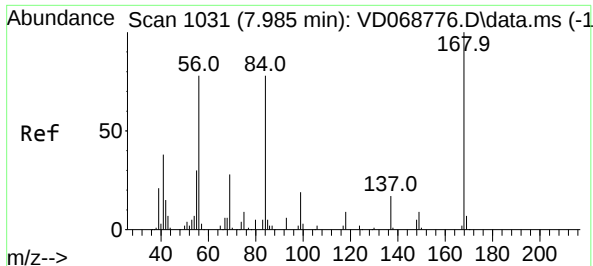


#16

Acetone
Concen: 9.57 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion: 43 Resp: 3701
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

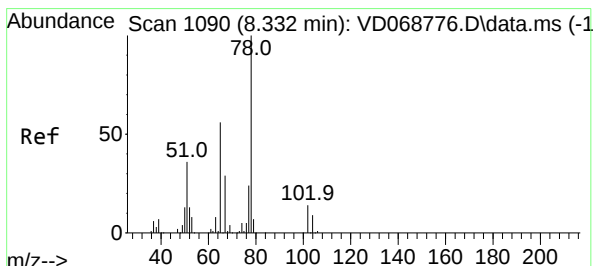
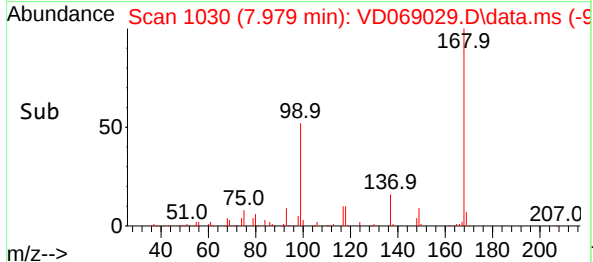
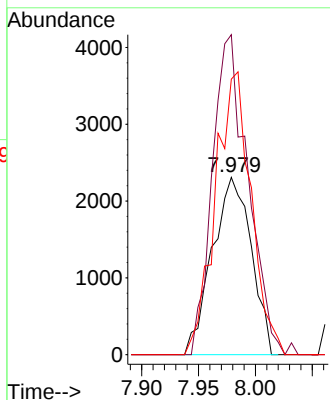
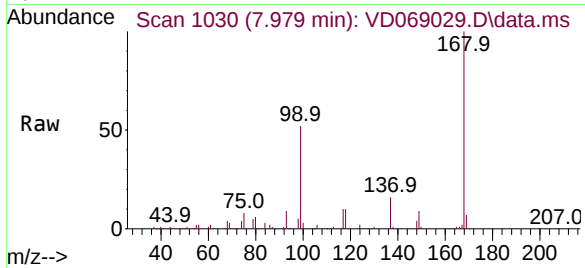




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

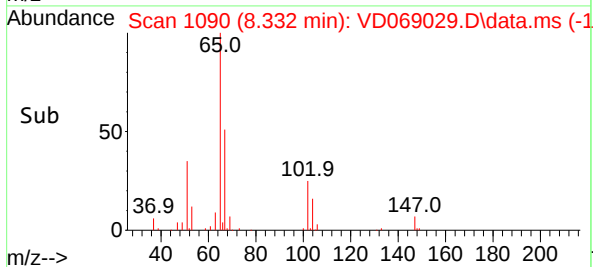
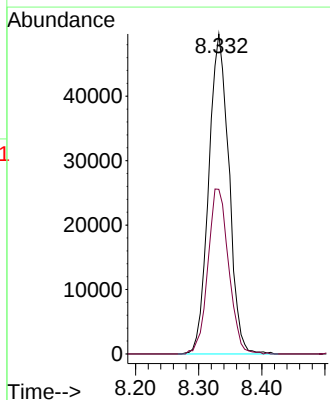
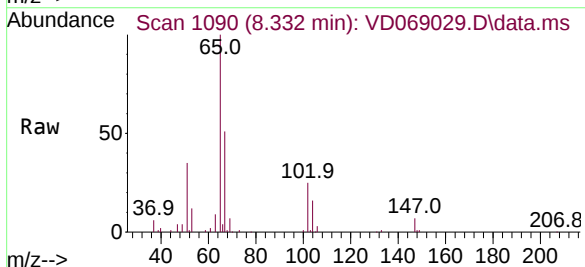
Instrument :
MSVOA_D
ClientSampleId :

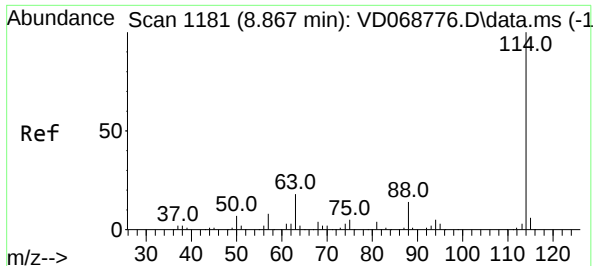
Tgt Ion: 56 Resp: 5496
Ion Ratio Lower Upper
56 100
69 180.4 30.0 45.0#
84 155.4 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 39.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion: 65 Resp: 110176
Ion Ratio Lower Upper
65 100
67 53.1 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: VD069029.D

Acq: 29 Apr 2021 20:20

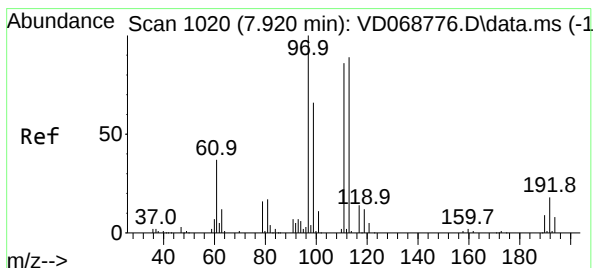
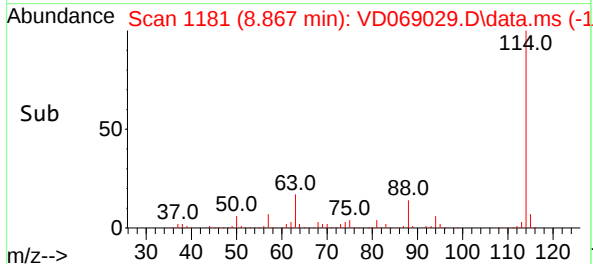
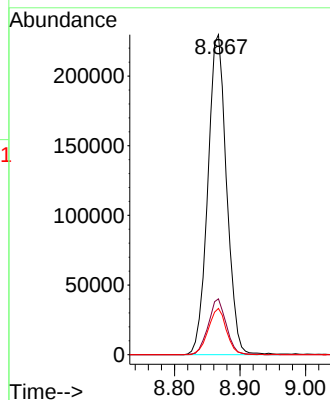
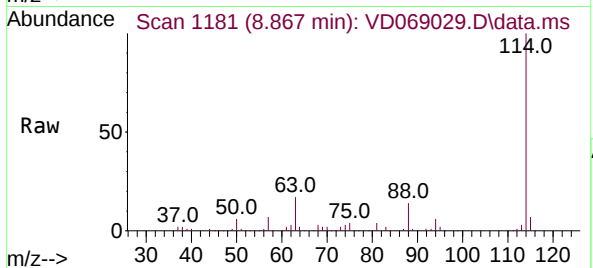
Tgt Ion:114 Resp: 456389

Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.2

88 14.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.75 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069029.D

Acq: 29 Apr 2021 20:20

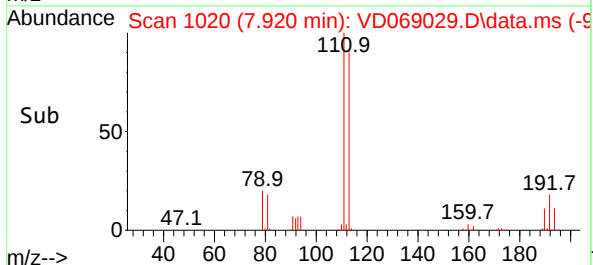
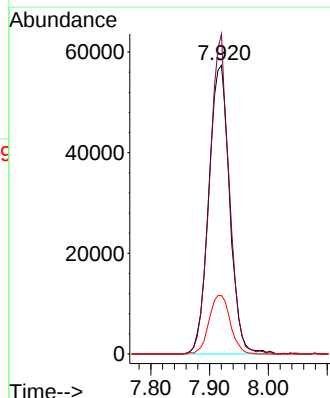
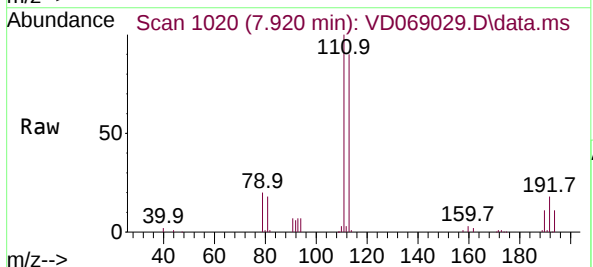
Tgt Ion:113 Resp: 141748

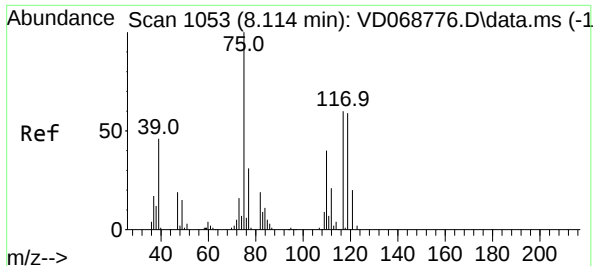
Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 20.6 15.1 22.7



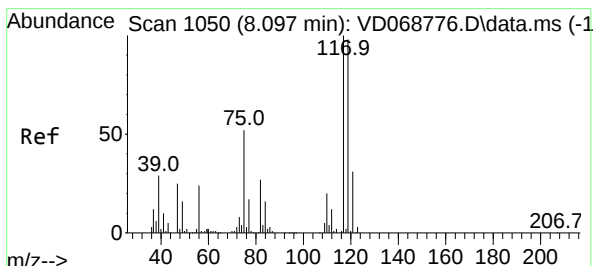
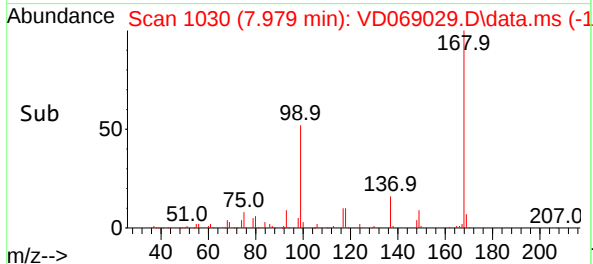
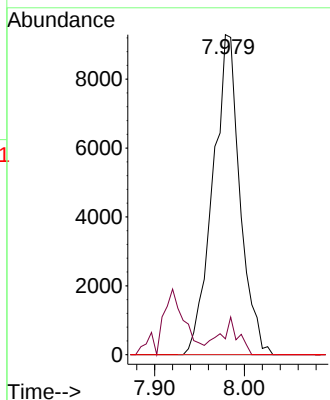
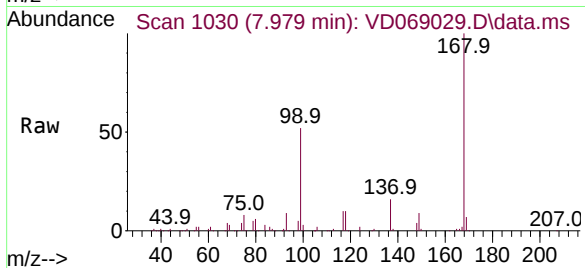


#36

1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Instrument :
MSVOA_D
ClientSampleId :

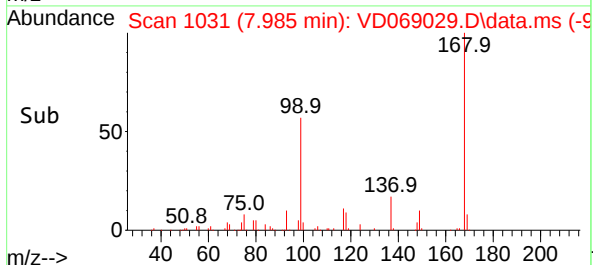
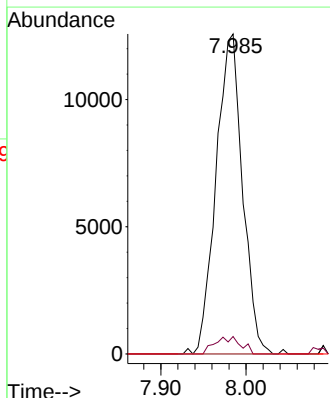
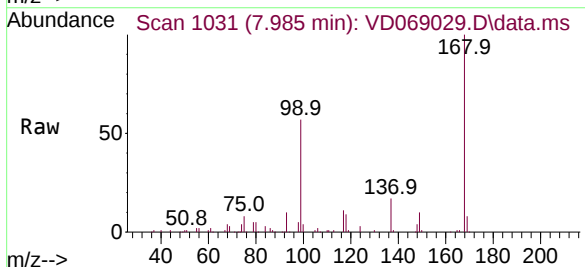
Tgt Ion:	75	Resp:	19522
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	24.7	37.1#

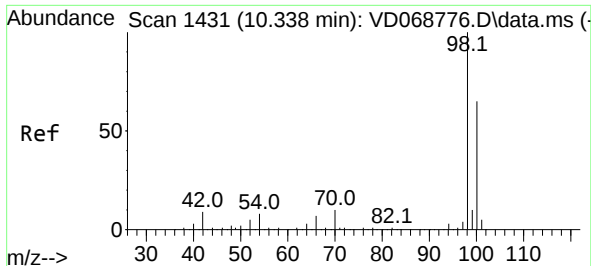


#38

Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion:	117	Resp:	27126
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.6	115.0#
121	0.0	26.1	39.1#

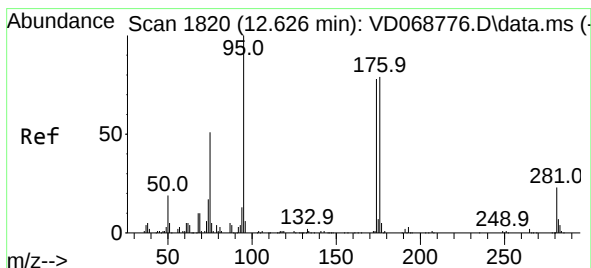
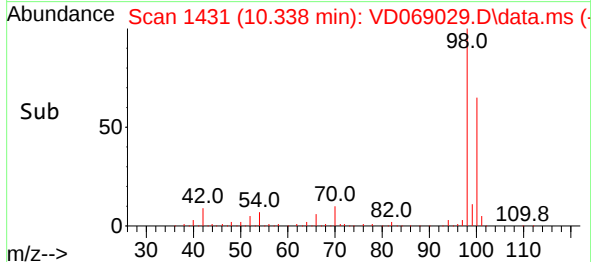
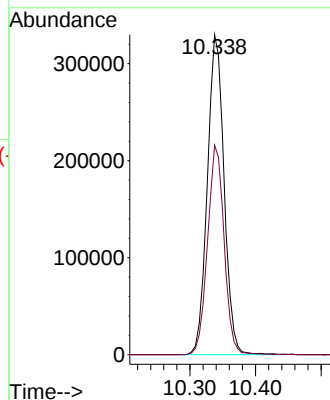
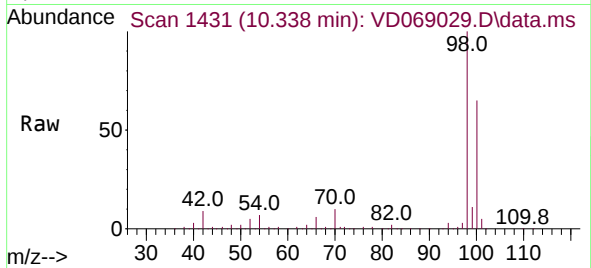




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

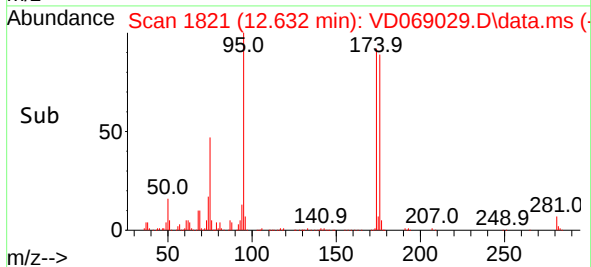
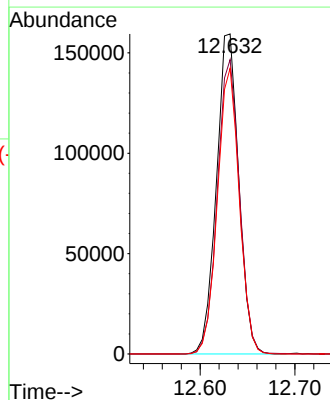
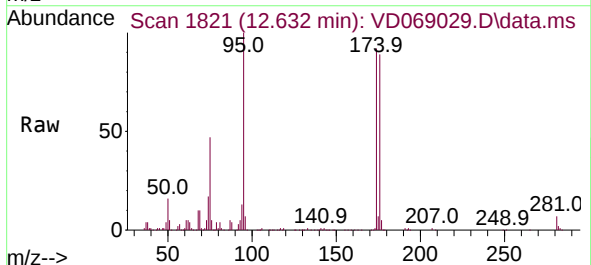
Instrument :
MSVOA_D
ClientSampleId :

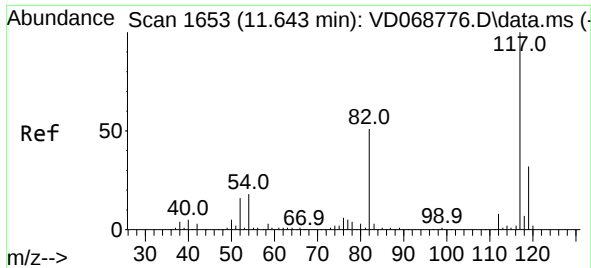
Tgt Ion: 98 Resp: 585512
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion: 95 Resp: 261398
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.0
176 87.2 0.0 160.2

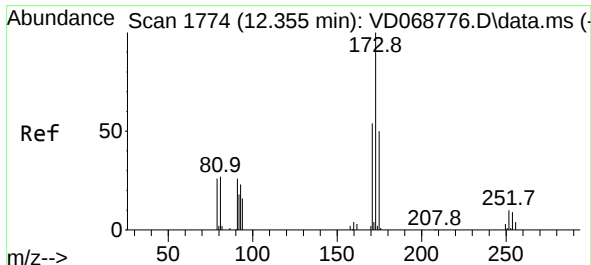
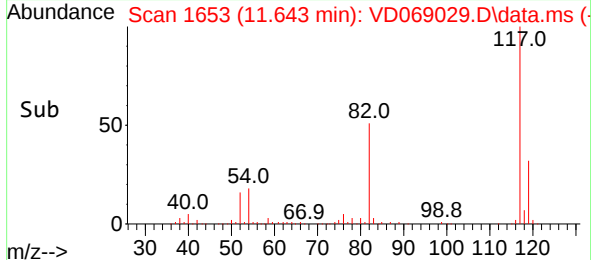
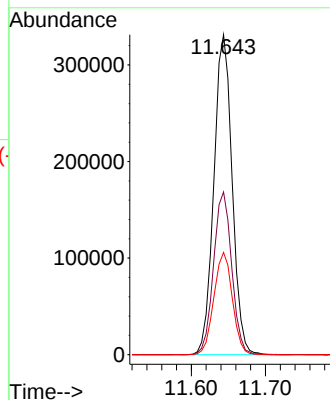
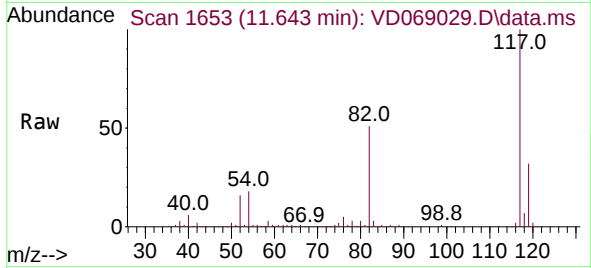




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

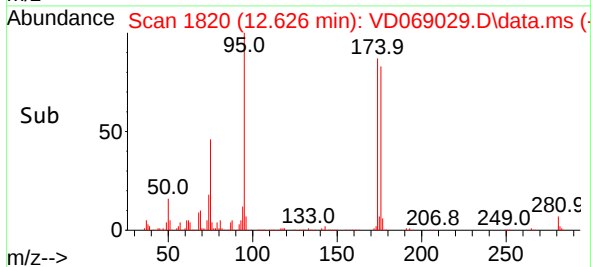
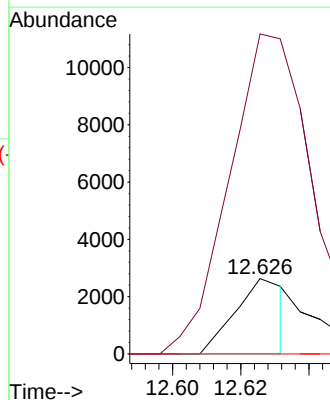
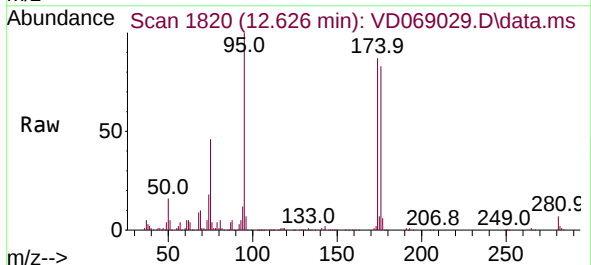
Instrument :
MSVOA_D
ClientSampleId :

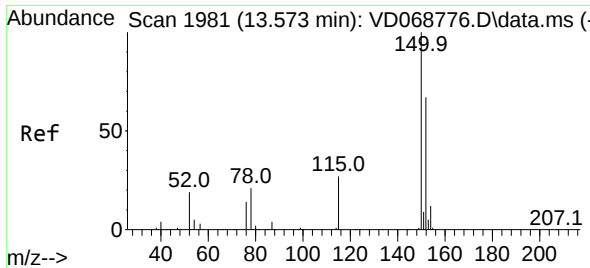
Tgt Ion:117 Resp: 566936
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 31.9 26.7 40.1



#71
Bromoform
Concen: 1.12 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion:173 Resp: 2648
Ion Ratio Lower Upper
173 100
175 492.2 23.6 71.0#
254 0.0 0.0 0.0

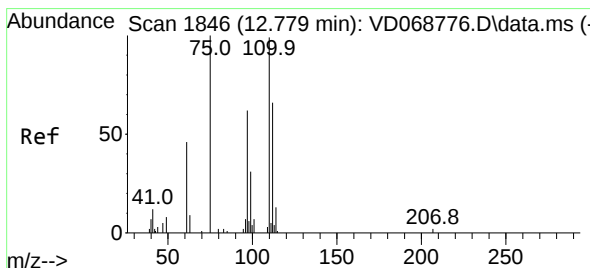
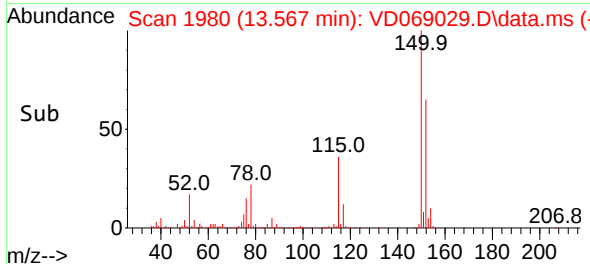
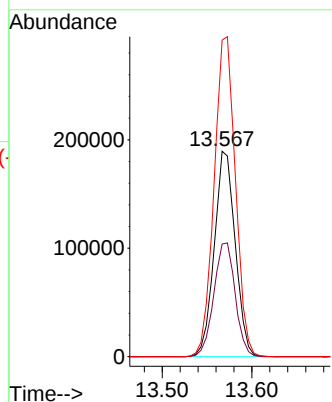
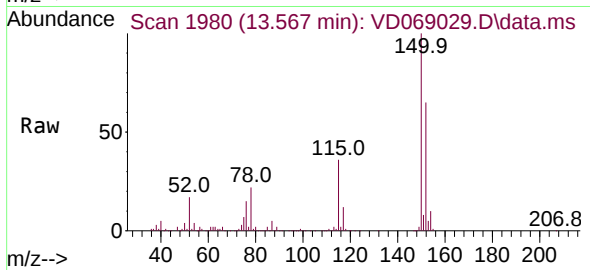




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

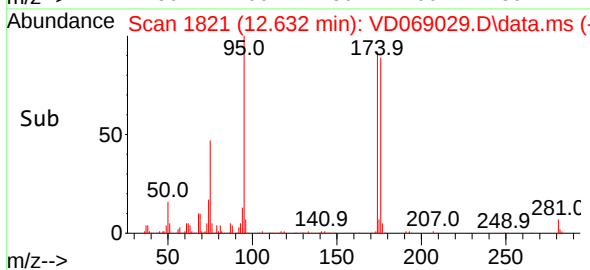
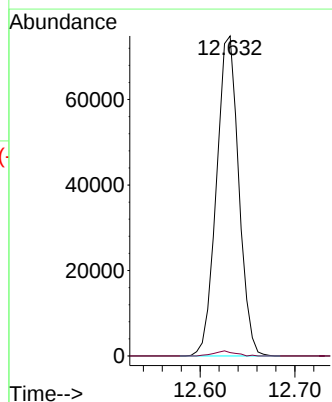
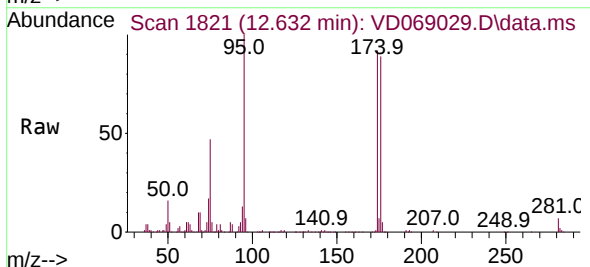
Instrument :
MSVOA_D
ClientSampled :

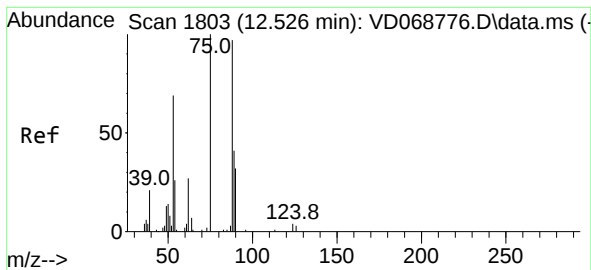
Tgt Ion:152 Resp: 307260
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

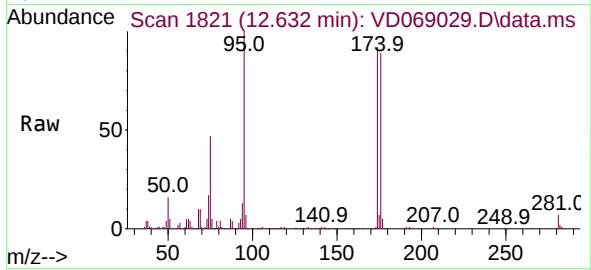
Tgt Ion: 75 Resp: 122396
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.19 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069029.D
 Acq: 29 Apr 2021 20:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 122396
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

