

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068933.D
 Acq On : 21 Apr 2021 18:10
 Operator : VA/SY
 Sample : M2106-13
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:23:15 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)

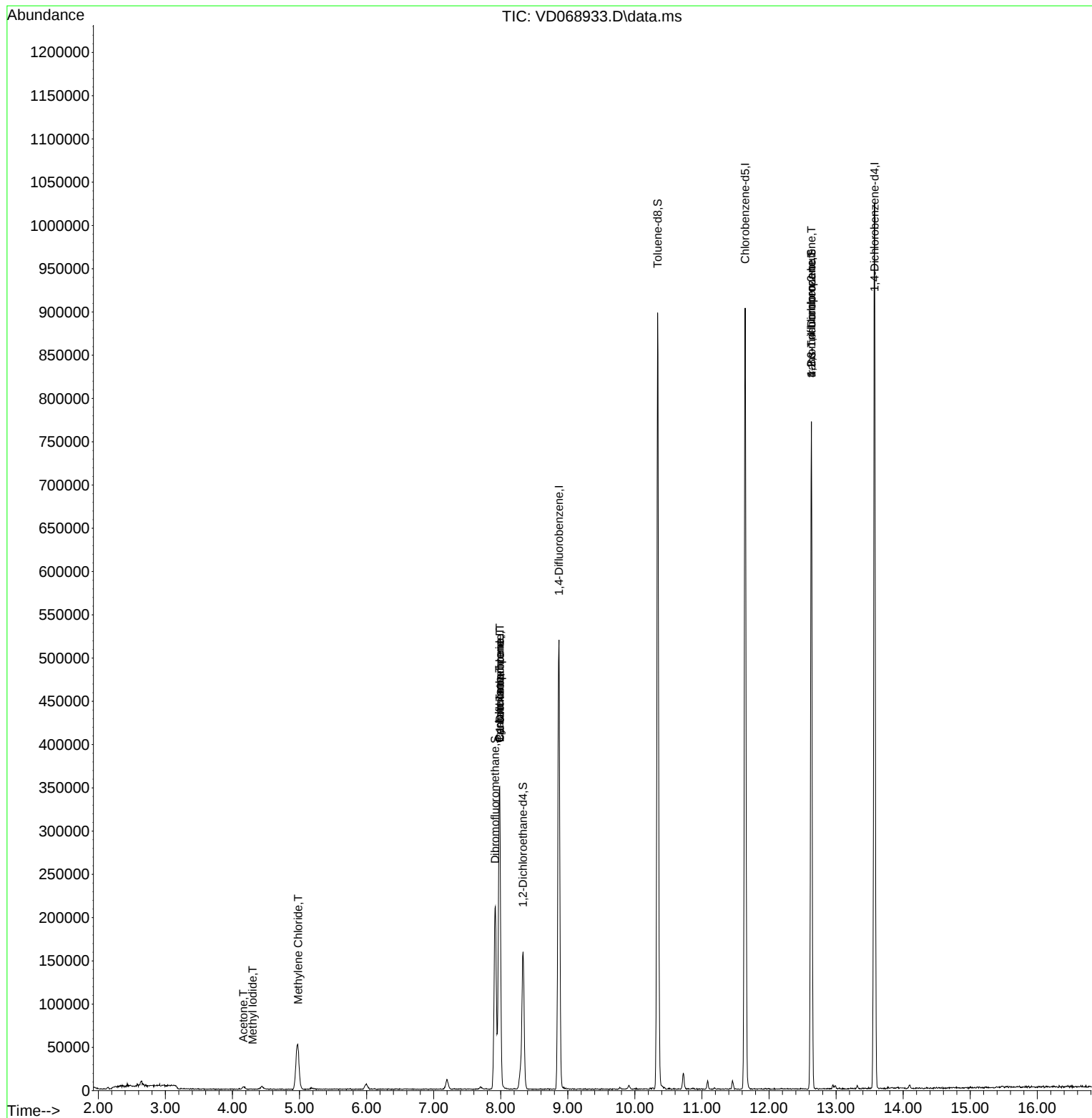
Internal Standards						
1) Pentafluorobenzene	7.985	168	277185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	483353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	553280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	284967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126504	43.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.36%		
35) Dibromofluoromethane	7.914	113	153542	48.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.68%		
50) Toluene-d8	10.338	98	611502	51.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.12%		
62) 4-Bromofluorobenzene	12.632	95	238834	60.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.26%		
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	113	2.28	ug/l #	41
11) Tert butyl alcohol	5.244	59	77	Below Cal	#	73
16) Acetone	4.162	43	5620	13.85	ug/l #	83
20) Methylene Chloride	4.979	84	47712	10.74	ug/l #	85
31) Cyclohexane	7.979	56	5923	1.22	ug/l #	22
36) 1,1-Dichloropropene	7.985	75	21312	4.36	ug/l #	49
38) Carbon Tetrachloride	7.985	117	27096	5.59	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	117468	45.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	117468	104.72	ug/l #	16

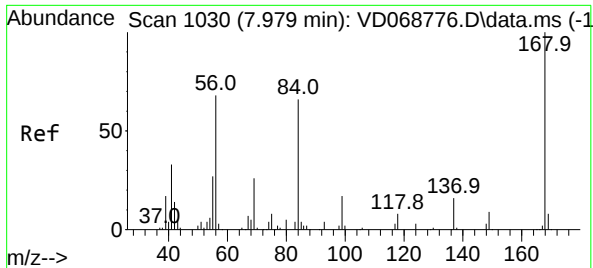
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068933.D
Acq On : 21 Apr 2021 18:10
Operator : VA/SY
Sample : M2106-13
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 22 10:23:15 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

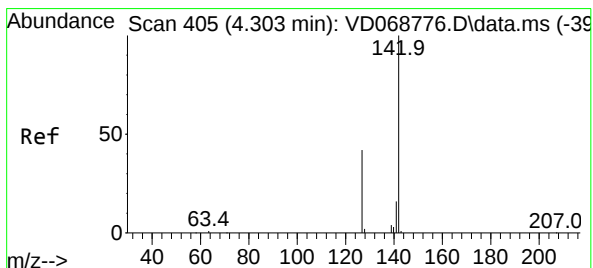
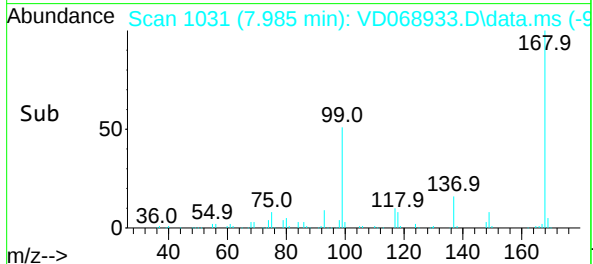
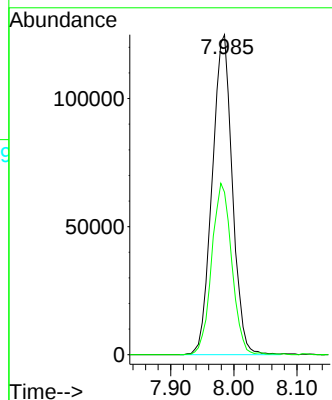
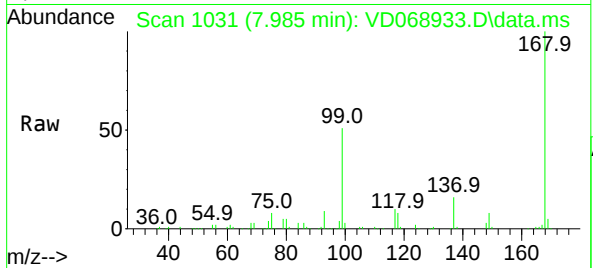




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

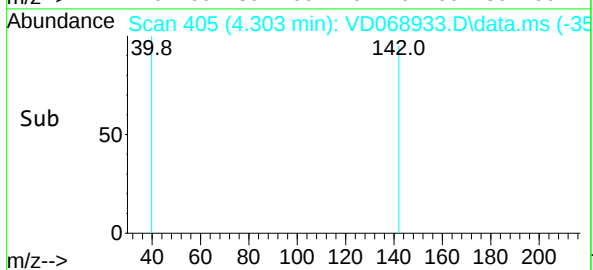
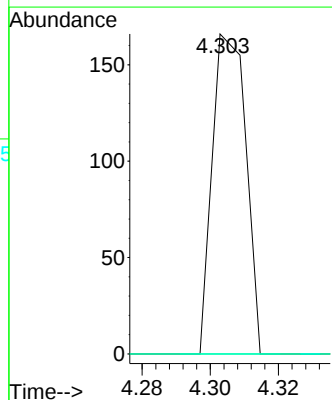
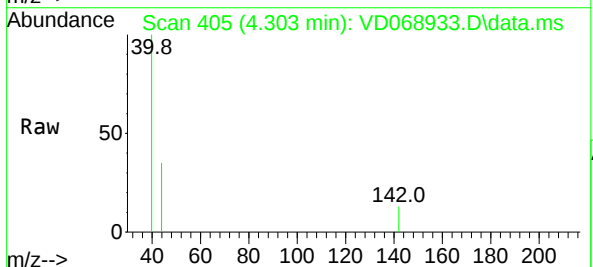
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 277185
Ion Ratio Lower Upper
168 100
99 50.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.28 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

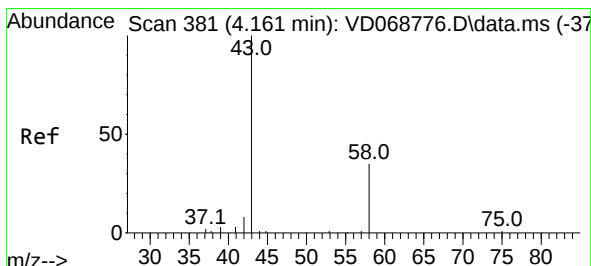
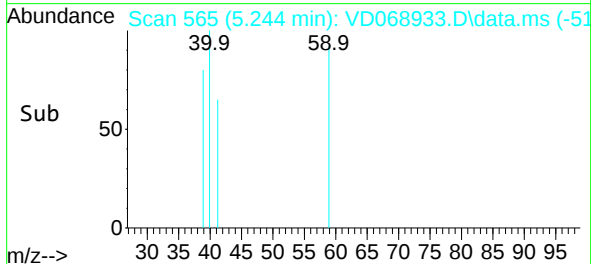
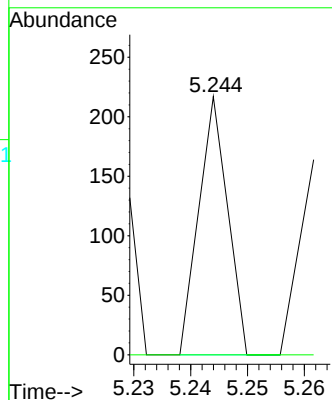
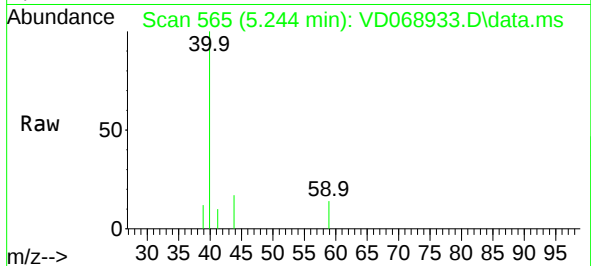




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

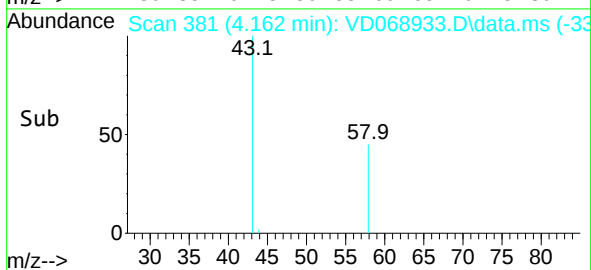
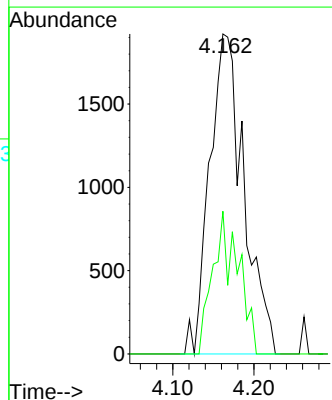
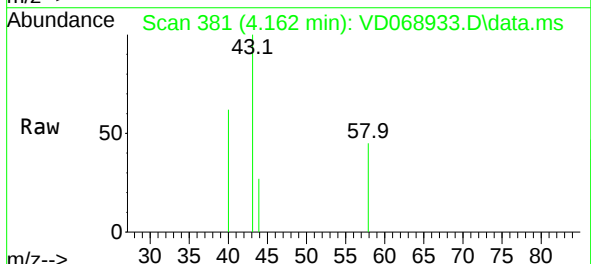
Instrument :
MSVOA_D
ClientSampled :

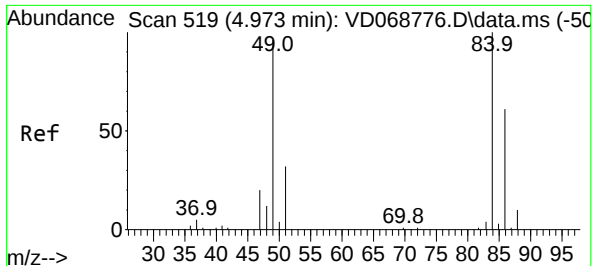
Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 13.85 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
58 44.6 28.0 42.0#





#20

Methylene Chloride

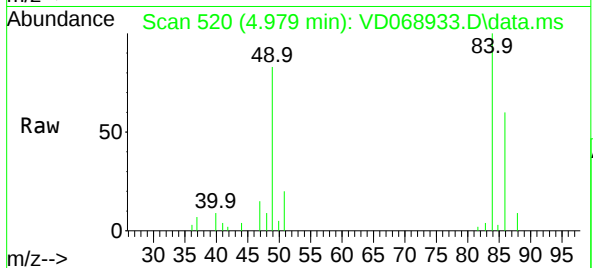
Concen: 10.74 ug/l

RT: 4.979 min Scan# 520

Delta R.T. 0.006 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10



Tgt Ion: 84 Resp: 47712

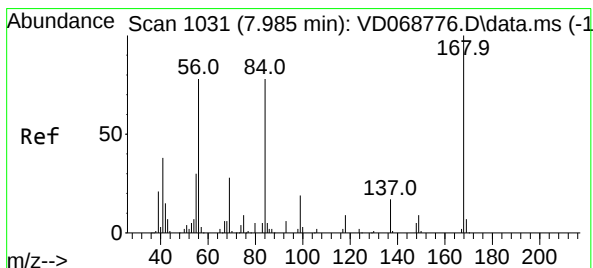
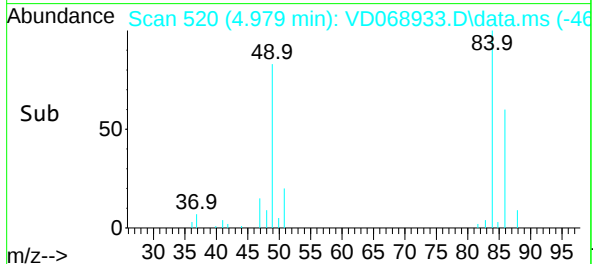
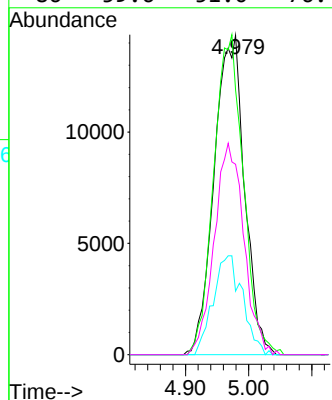
Ion Ratio Lower Upper

84 100

49 83.0 83.4 125.0#

51 19.9 23.4 35.2#

86 59.6 51.0 76.4



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10

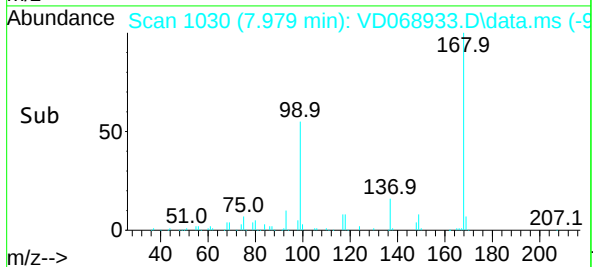
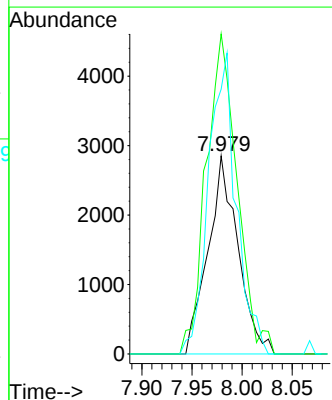
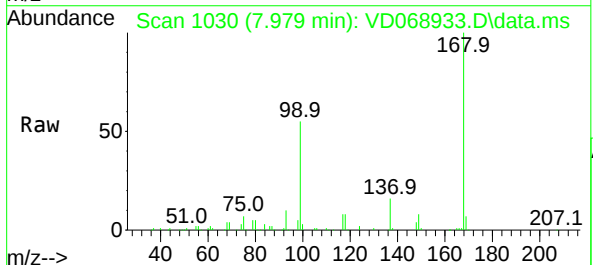
Tgt Ion: 56 Resp: 5923

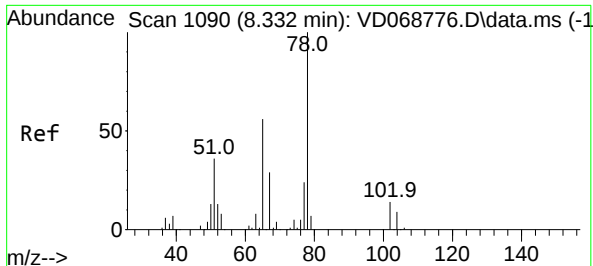
Ion Ratio Lower Upper

56 100

69 161.5 30.0 45.0#

84 133.7 82.0 123.0#





#33

1,2-Dichloroethane-d4

Concen: 43.18 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10

Tgt Ion: 65 Resp: 126504

Ion Ratio Lower Upper

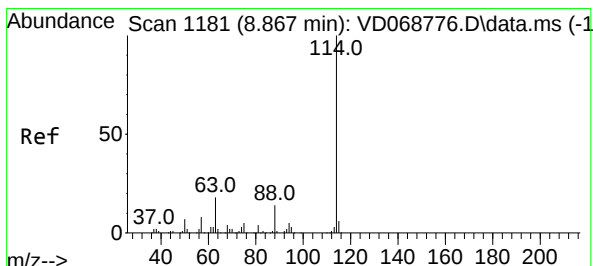
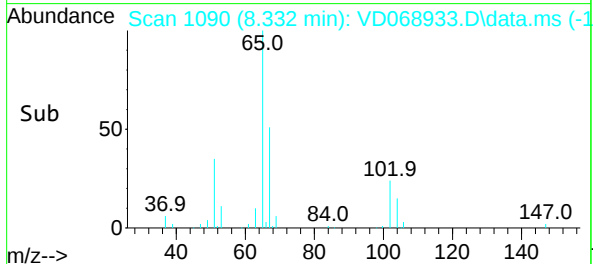
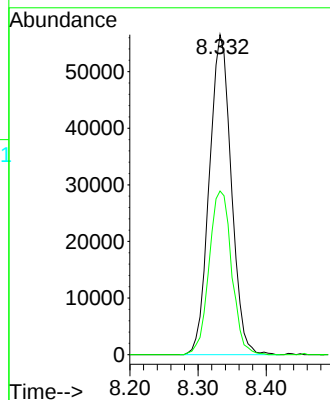
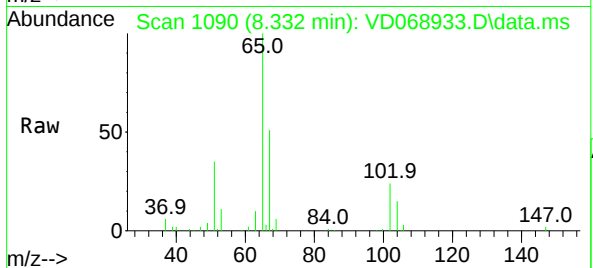
65 100

67 52.6 0.0 106.0

Instrument :

MSVOA_D

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10

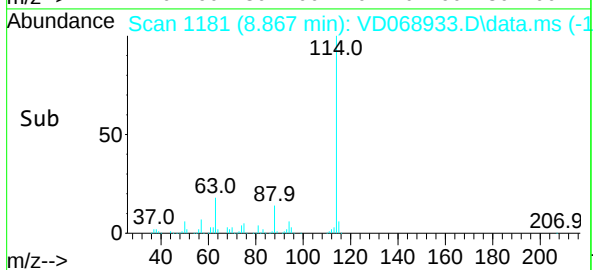
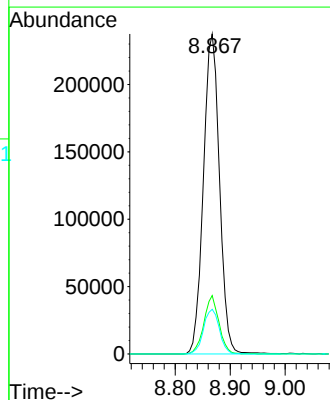
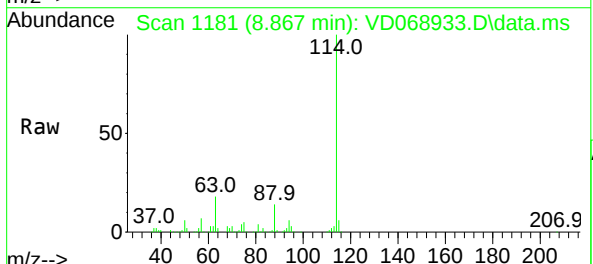
Tgt Ion: 114 Resp: 483353

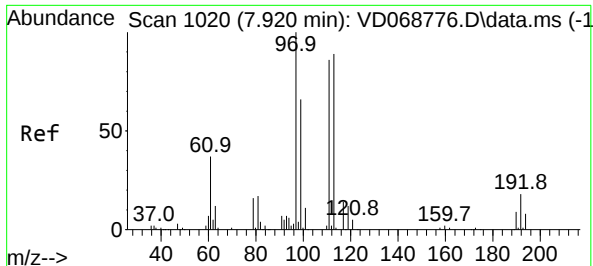
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 14.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10

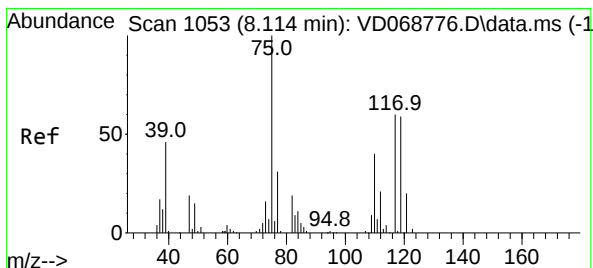
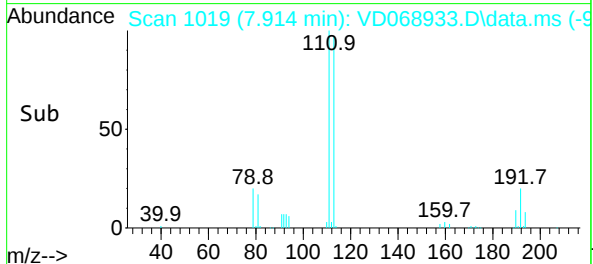
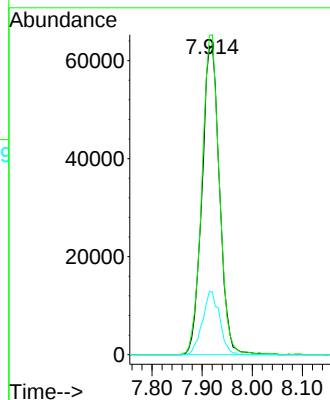
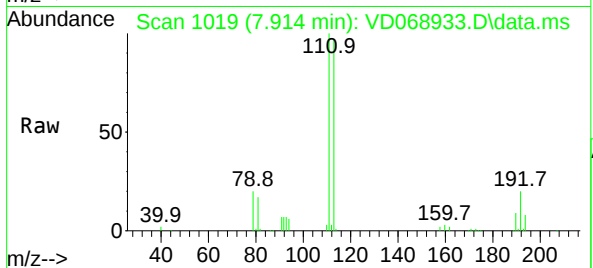
Tgt Ion:113 Resp: 153542

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 20.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.36 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068933.D

Acq: 21 Apr 2021 18:10

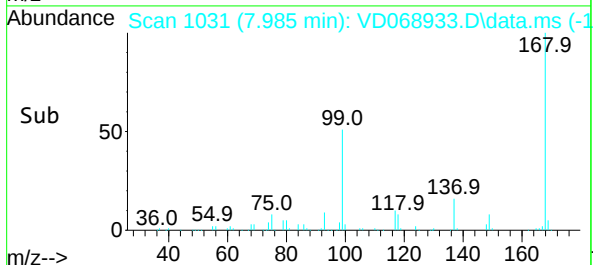
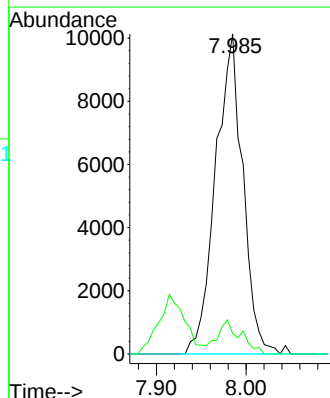
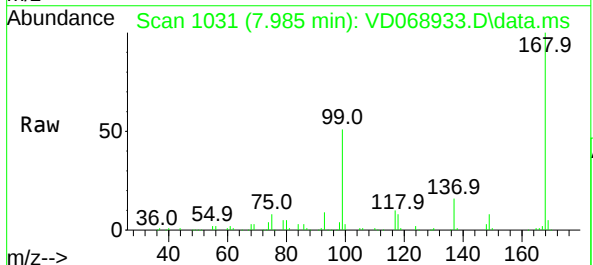
Tgt Ion: 75 Resp: 21312

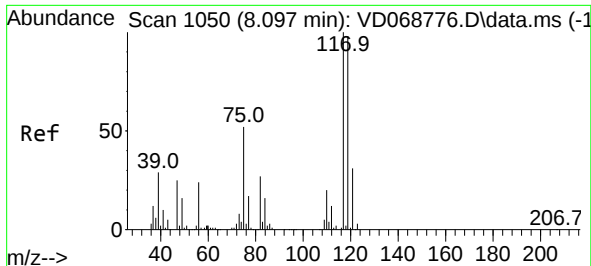
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

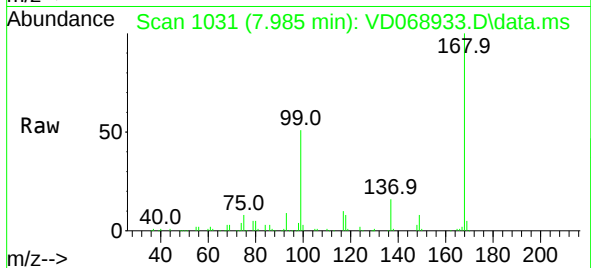
77 0.0 24.7 37.1#



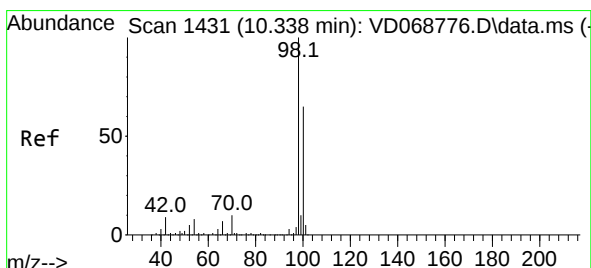
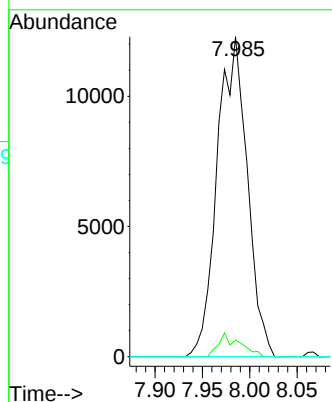
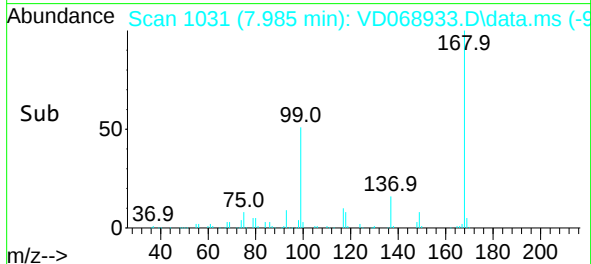


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

Instrument :
MSVOA_D
ClientSampled :

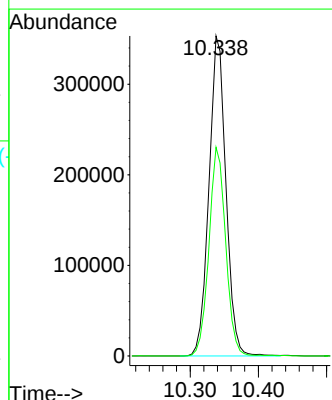
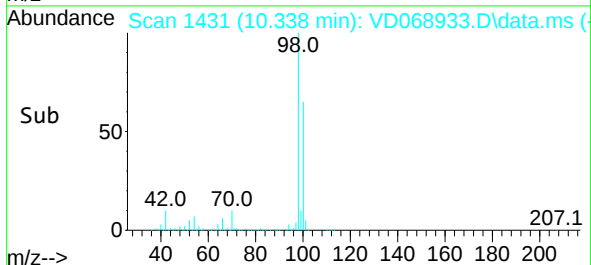
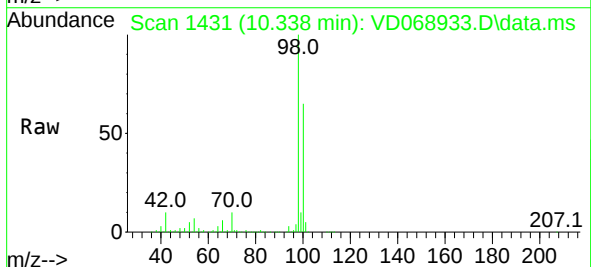


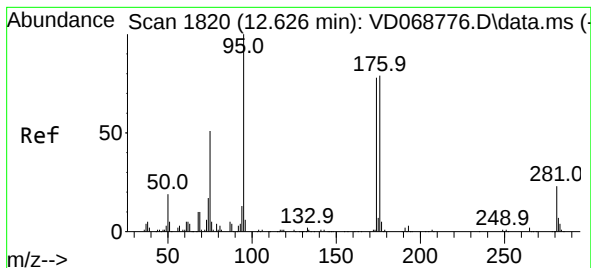
Tgt Ion:117 Resp: 27096
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.56 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

Tgt Ion: 98 Resp: 611502
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

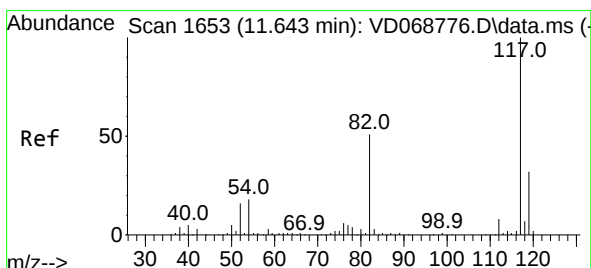
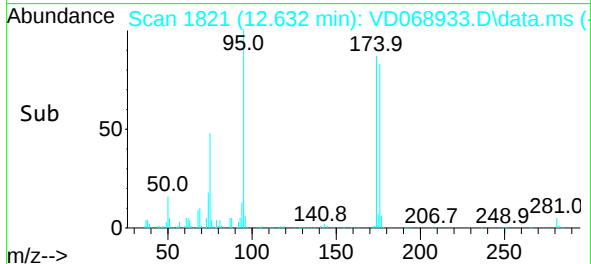
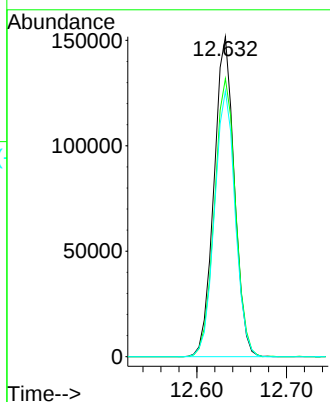
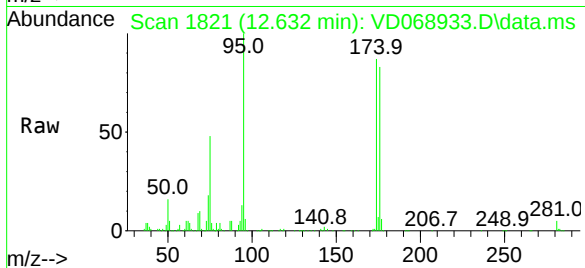




#62
4-Bromofluorobenzene
Concen: 60.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

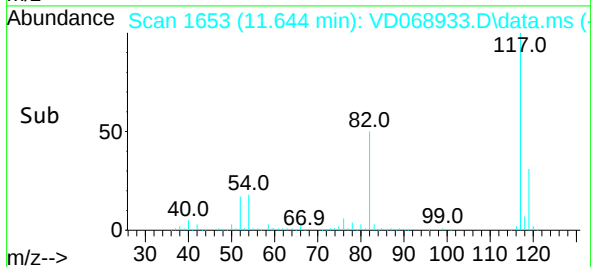
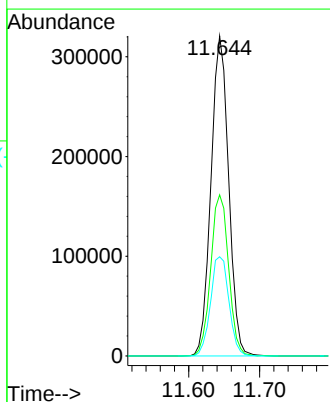
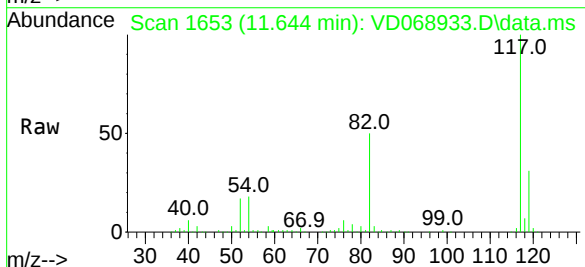
Instrument :
MSVOA_D
ClientSampled :

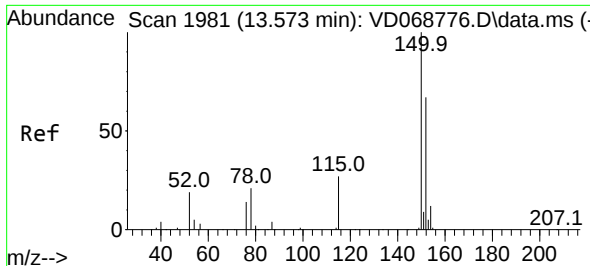
Tgt Ion: 95 Resp: 238834
Ion Ratio Lower Upper
95 100
174 89.9 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

Tgt Ion: 117 Resp: 553280
Ion Ratio Lower Upper
117 100
82 50.3 43.5 65.3
119 31.0 26.7 40.1

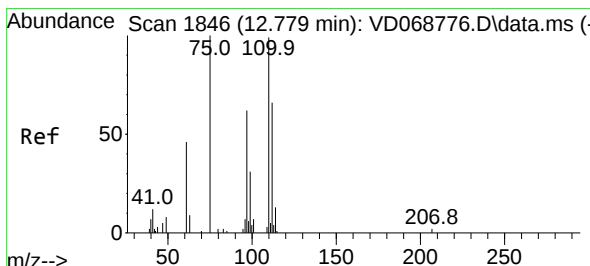
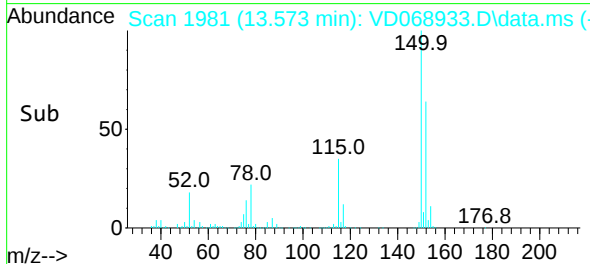
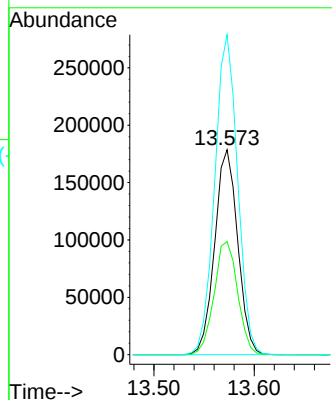
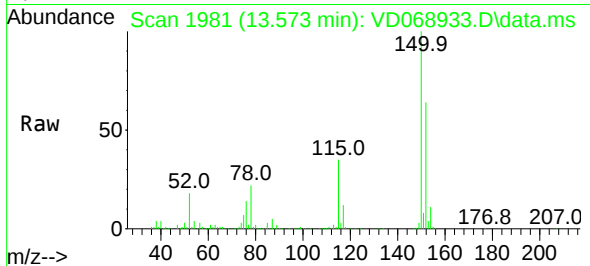




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

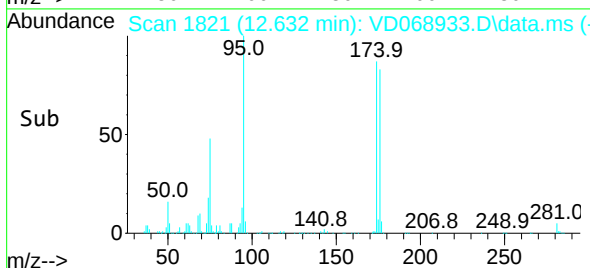
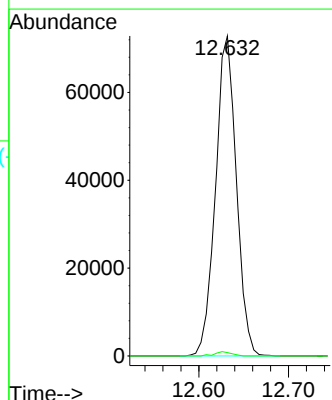
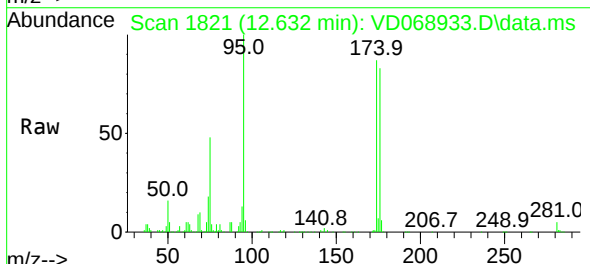
Instrument :
MSVOA_D
ClientSampled :

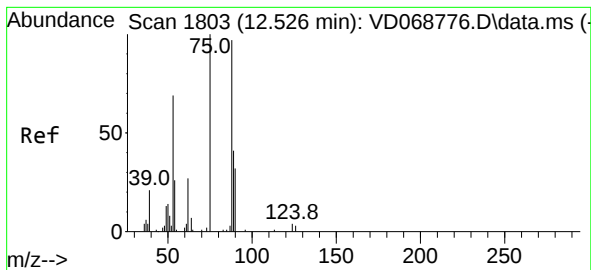
Tgt Ion:152 Resp: 284967
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 154.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068933.D
Acq: 21 Apr 2021 18:10

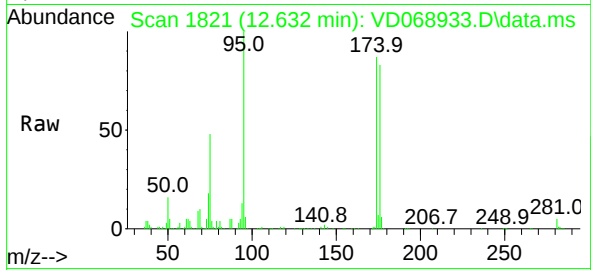
Tgt Ion: 75 Resp: 117468
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.72 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068933.D
 Acq: 21 Apr 2021 18:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 117468

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	36.6	54.8#

