

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068863.D
 Acq On : 15 Apr 2021 18:34
 Operator : VA/SY
 Sample : M2049-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:10:39 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)

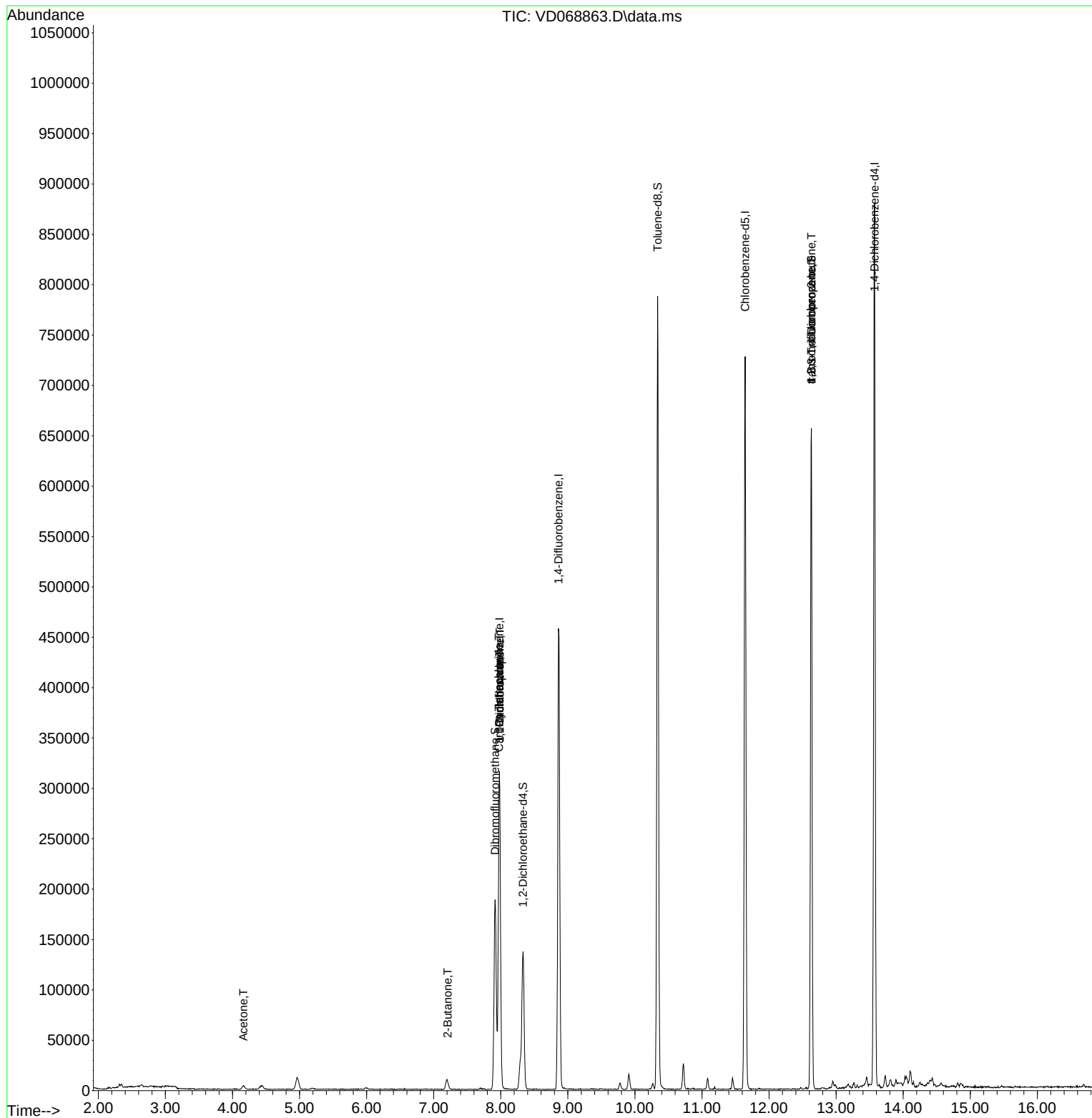
Internal Standards						
1) Pentafluorobenzene	7.979	168	248862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	426348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	451989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	240466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109116	41.49	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.98%		
35) Dibromofluoromethane	7.914	113	136463	49.21	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.42%		
50) Toluene-d8	10.338	98	540340	51.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.30%		
62) 4-Bromofluorobenzene	12.632	95	206970	59.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	119.14%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	304	Below Cal	#	73
16) Acetone	4.161	43	6597	18.11	ug/l #	87
20) Methylene Chloride	4.961	84	10943	Below Cal		94
25) 2-Butanone	7.208	43	812	1.58	ug/l #	39
31) Cyclohexane	7.979	56	4996	1.14	ug/l #	27
36) 1,1-Dichloropropene	7.985	75	17740	4.11	ug/l #	49
38) Carbon Tetrachloride	7.973	117	23690	5.54	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	104170	47.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	104170	110.05	ug/l #	16

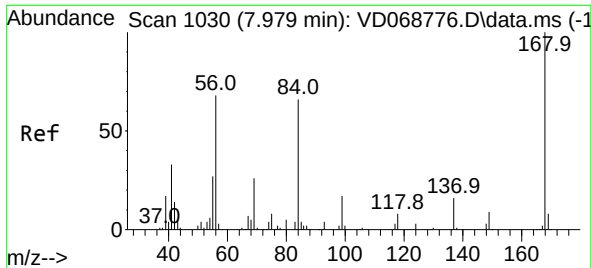
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068863.D
Acq On : 15 Apr 2021 18:34
Operator : VA/SY
Sample : M2049-01
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 16 01:10:39 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

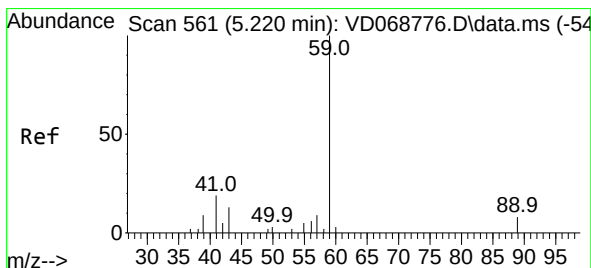
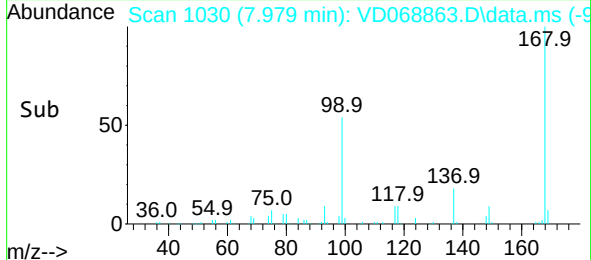
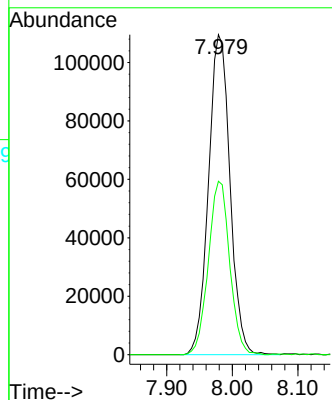
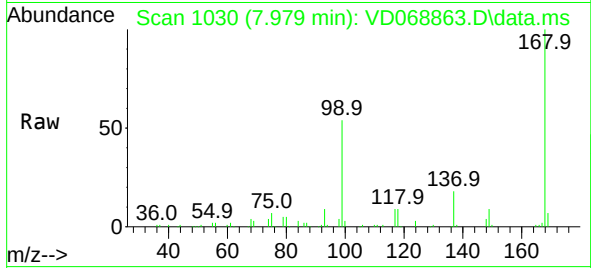




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

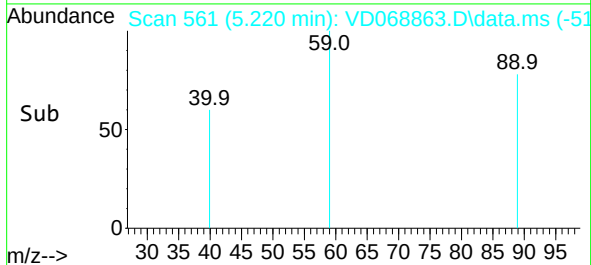
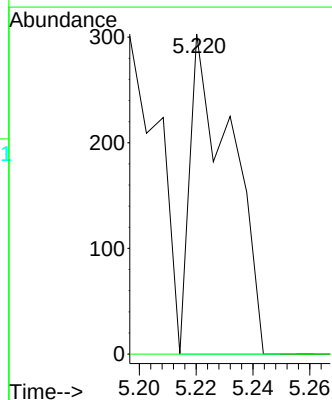
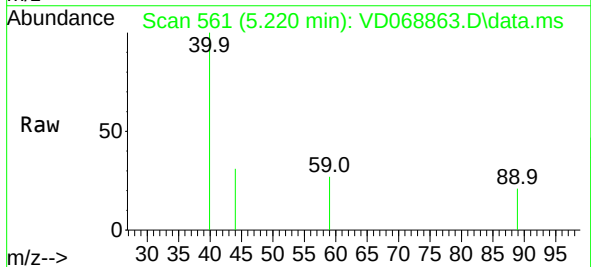
Instrument :
MSVOA_D
ClientSampled :

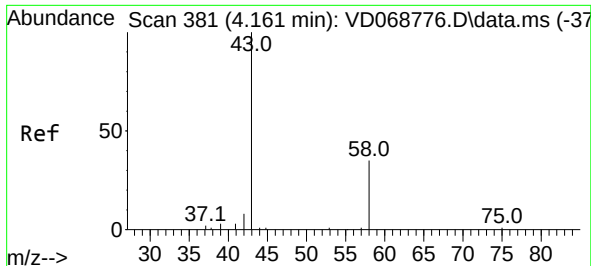
Tgt Ion:168 Resp: 248862
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

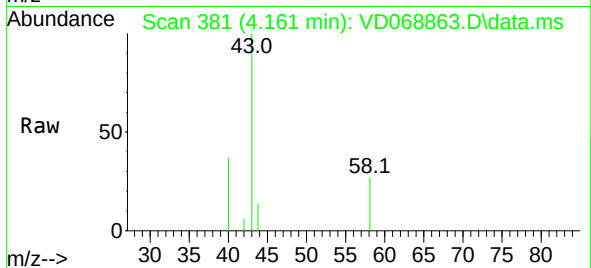
Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



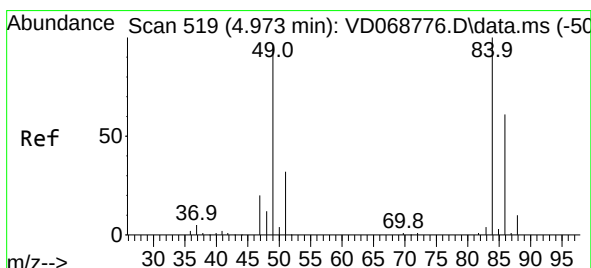
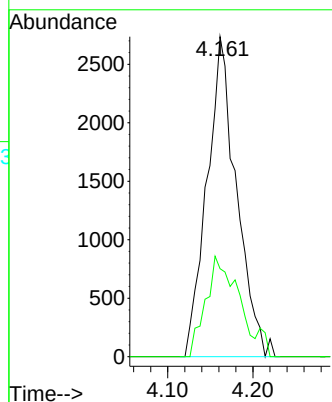
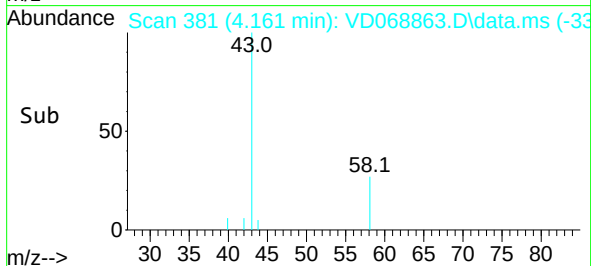


#16
Acetone
Concen: 18.11 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

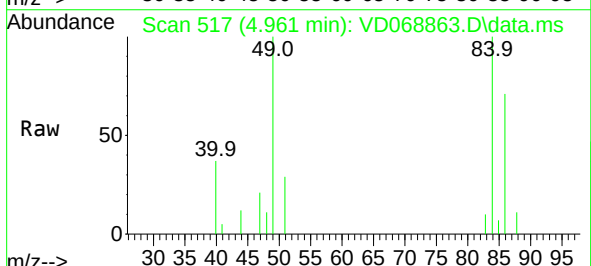
Instrument :
MSVOA_D
ClientSampled :



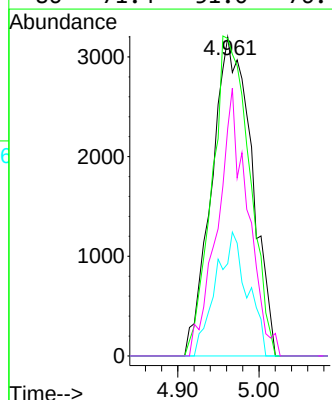
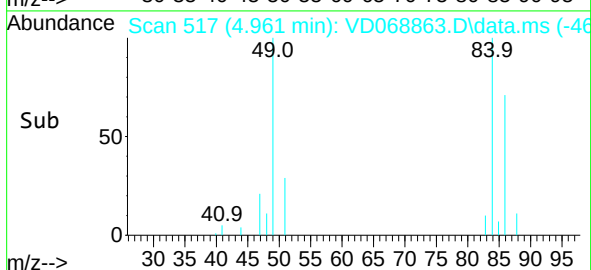
Tgt Ion: 43 Resp: 6597
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#

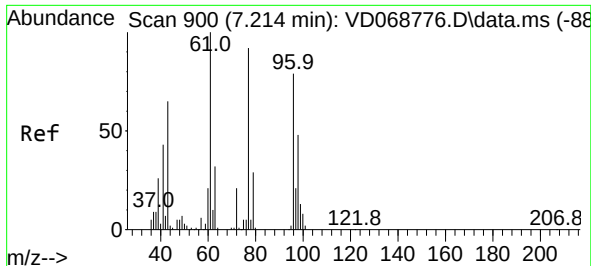


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34



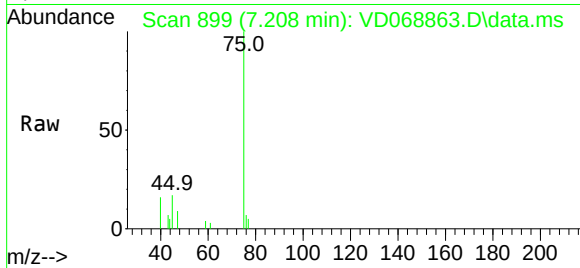
Tgt Ion: 84 Resp: 10943
Ion Ratio Lower Upper
84 100
49 99.6 83.4 125.0
51 29.0 23.4 35.2
86 71.4 51.0 76.4



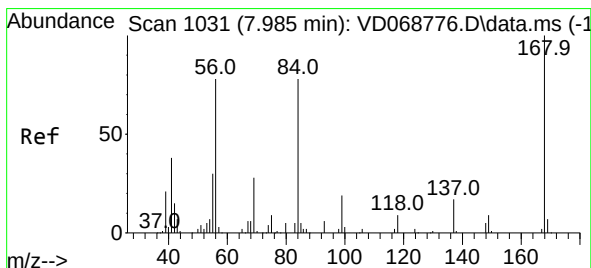
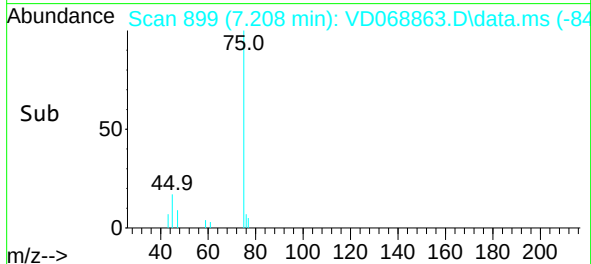
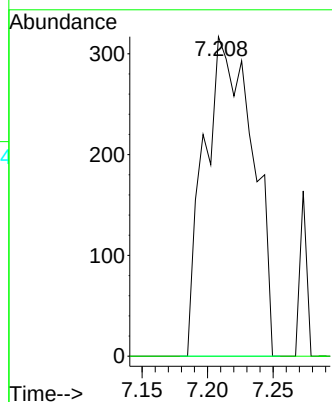


#25
2-Butanone
Concen: 1.58 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Instrument :
MSVOA_D
ClientSampled :

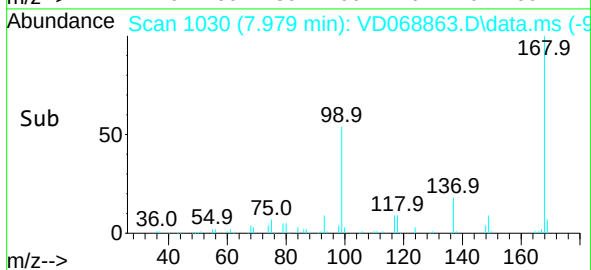
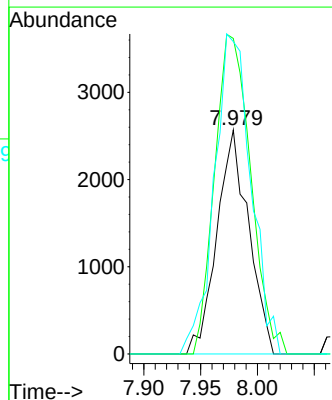
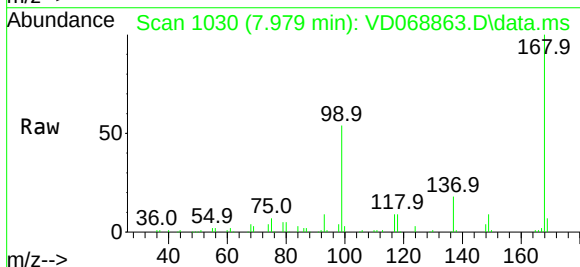


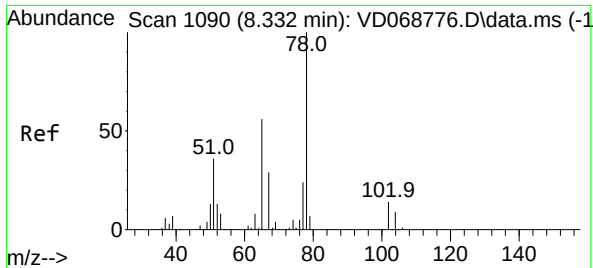
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 56 Resp: 4996
Ion Ratio Lower Upper
56 100
69 140.8 30.0 45.0#
84 139.4 82.0 123.0#

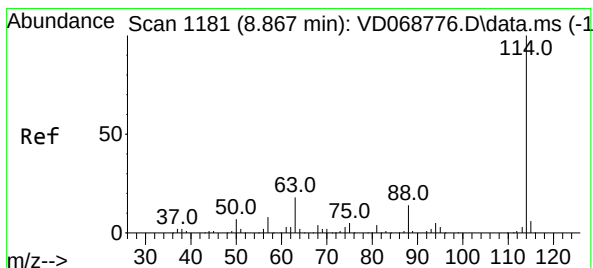
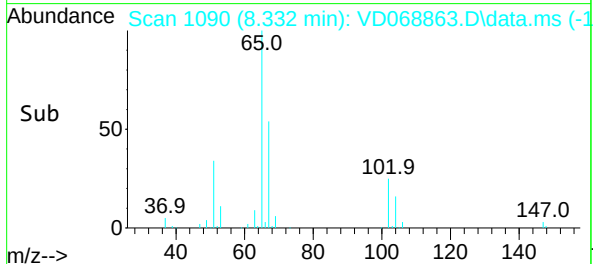
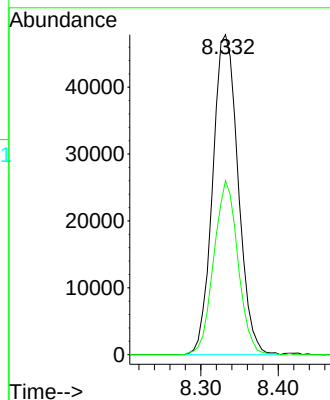
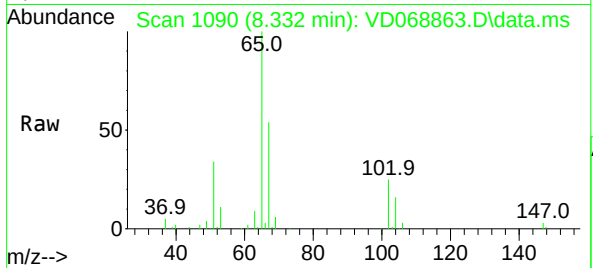




#33
1,2-Dichloroethane-d4
Concen: 41.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

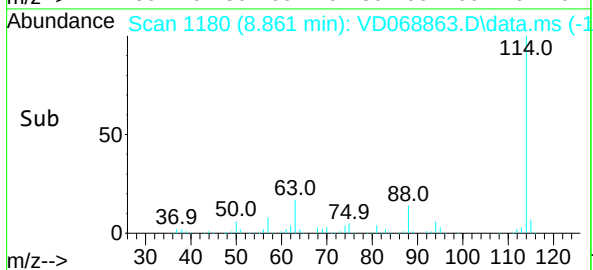
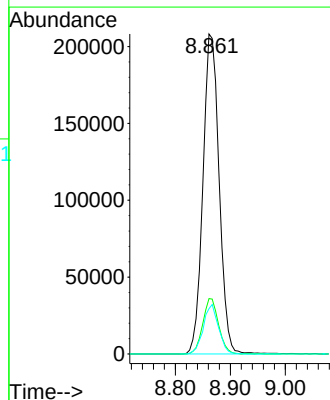
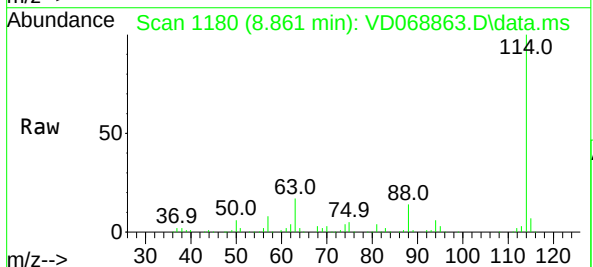
Instrument :
MSVOA_D
ClientSampled :

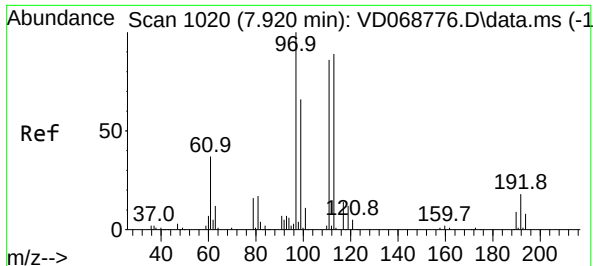
Tgt Ion: 65 Resp: 109116
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 114 Resp: 426348
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.21 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068863.D

Acq: 15 Apr 2021 18:34

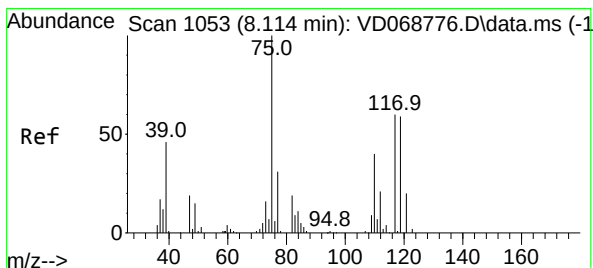
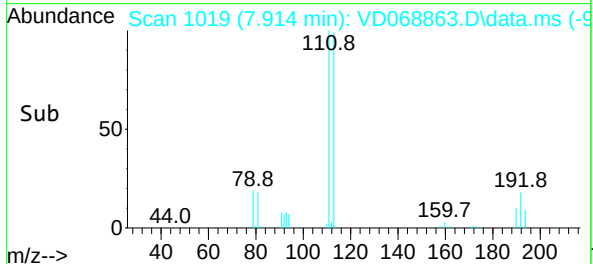
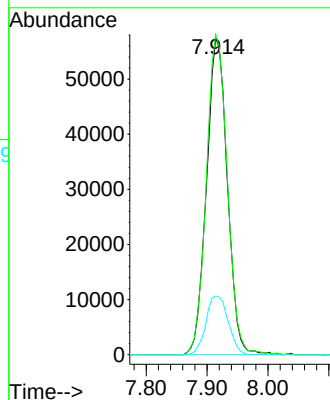
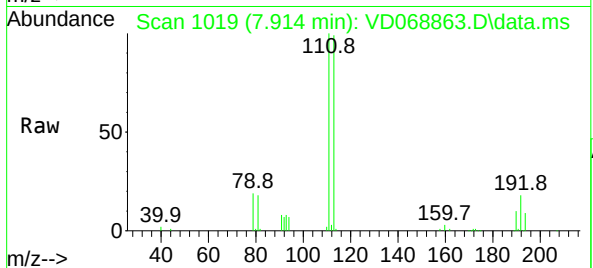
Tgt Ion:113 Resp: 136463

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 19.7 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.11 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068863.D

Acq: 15 Apr 2021 18:34

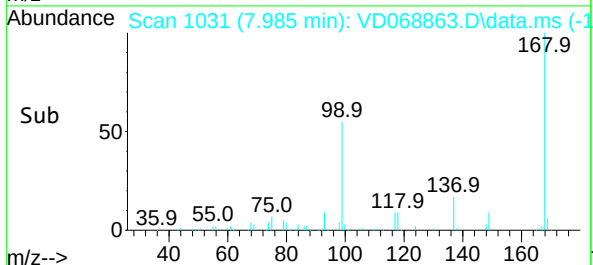
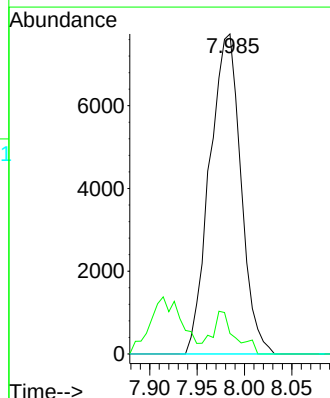
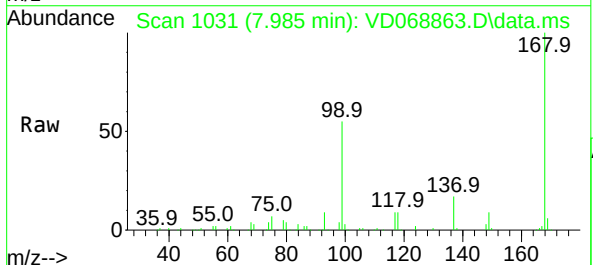
Tgt Ion: 75 Resp: 17740

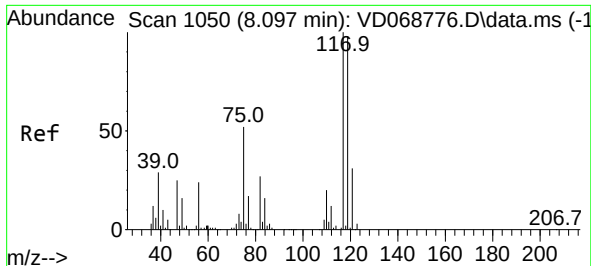
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

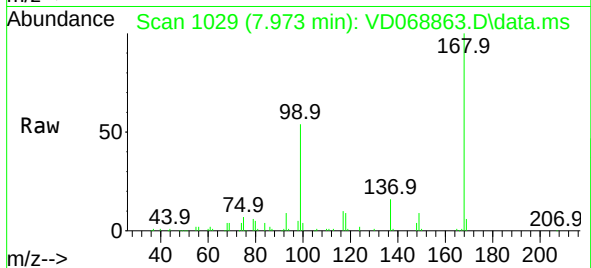
77 0.0 24.7 37.1#



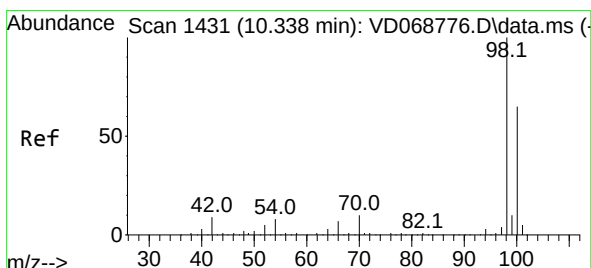
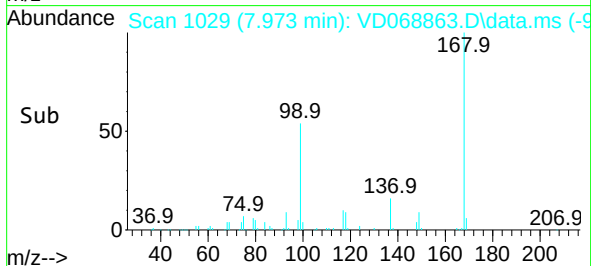
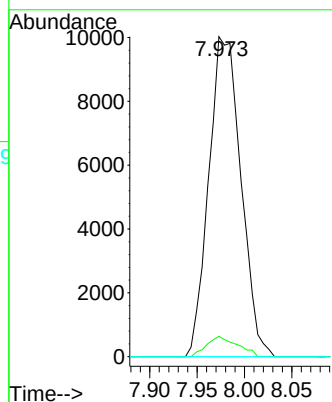


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :

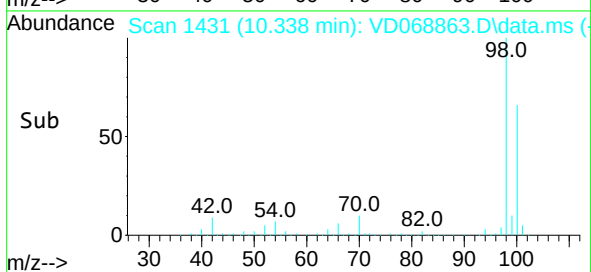
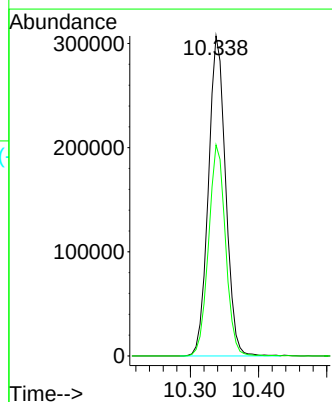
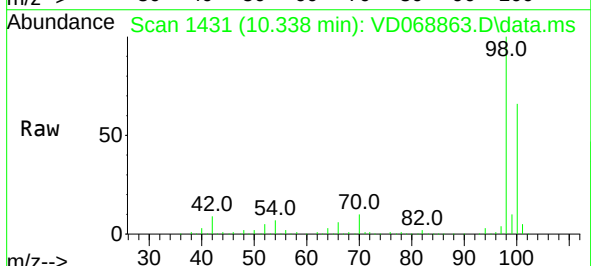


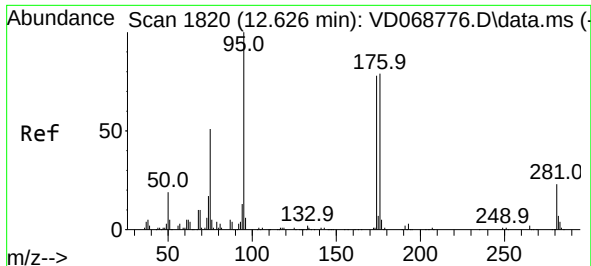
Tgt Ion:117 Resp: 23690
Ion Ratio Lower Upper
117 100
119 6.4 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 98 Resp: 540340
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

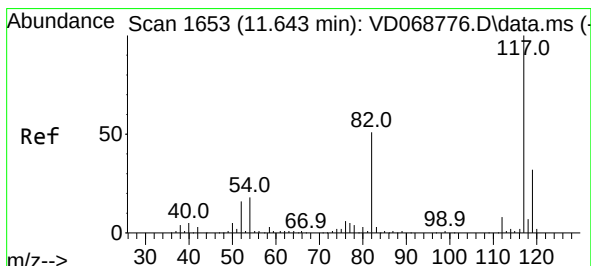
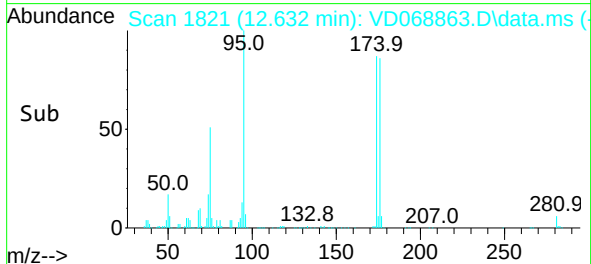
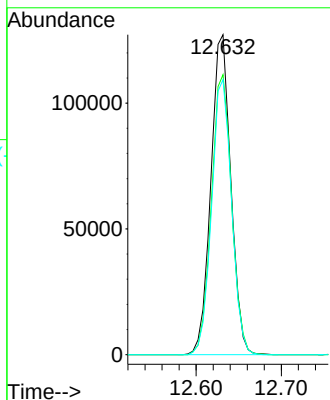
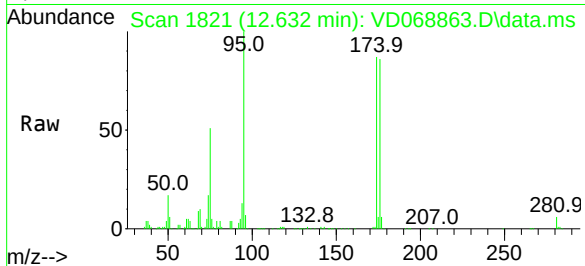




#62
4-Bromofluorobenzene
Concen: 59.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

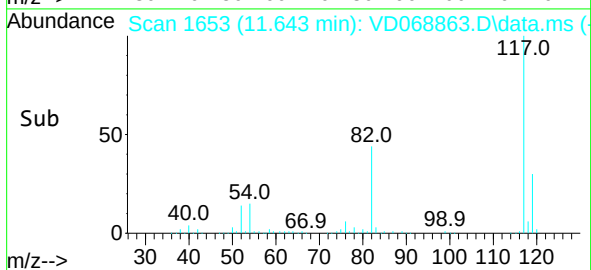
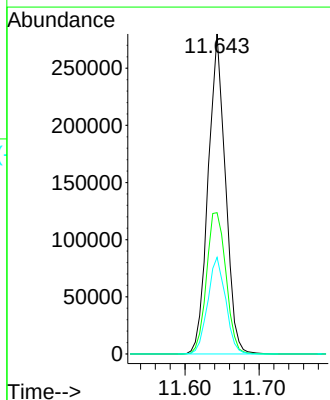
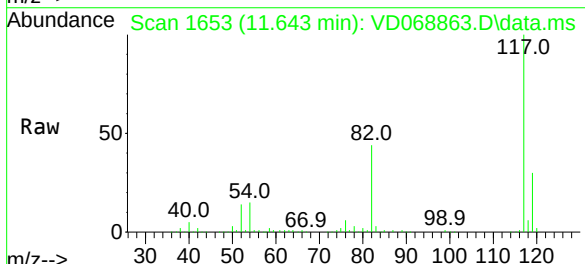
Instrument :
MSVOA_D
ClientSampleId :

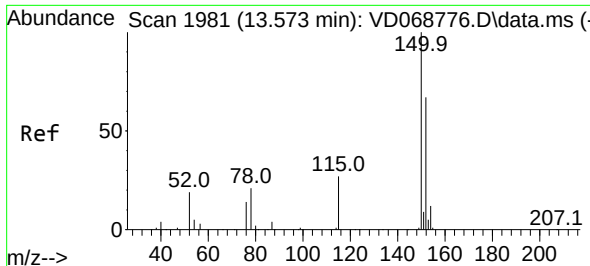
Tgt Ion: 95 Resp: 206970
Ion Ratio Lower Upper
95 100
174 88.5 0.0 168.0
176 85.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 117 Resp: 451989
Ion Ratio Lower Upper
117 100
82 44.1 43.5 65.3
119 30.2 26.7 40.1

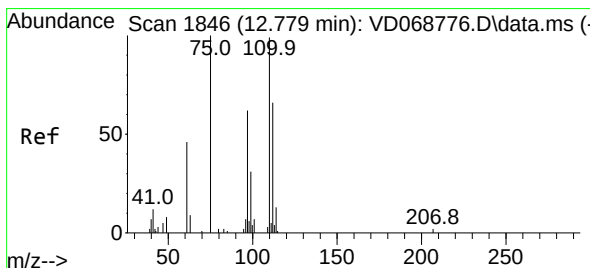
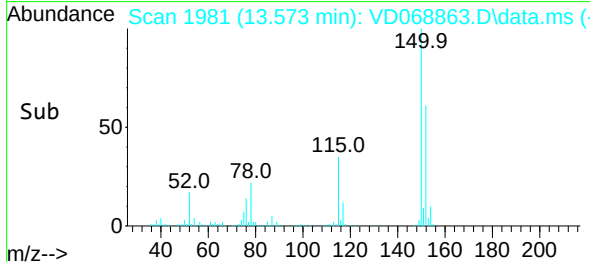
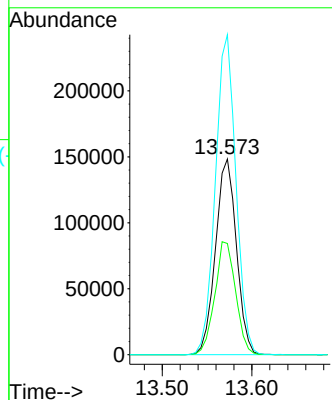
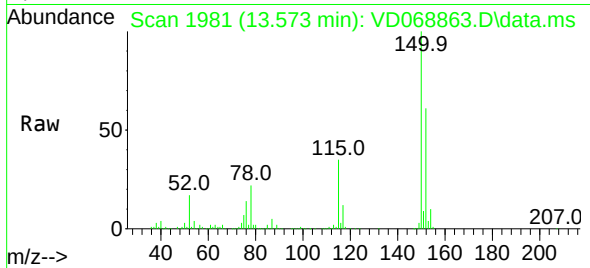




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068863.D
 Acq: 15 Apr 2021 18:34

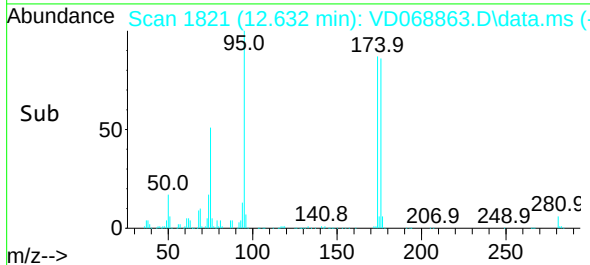
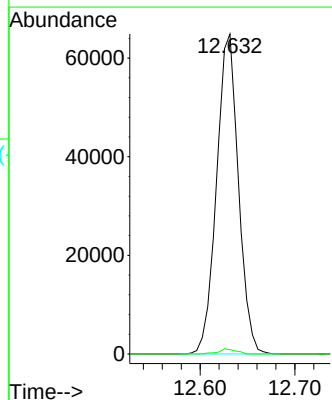
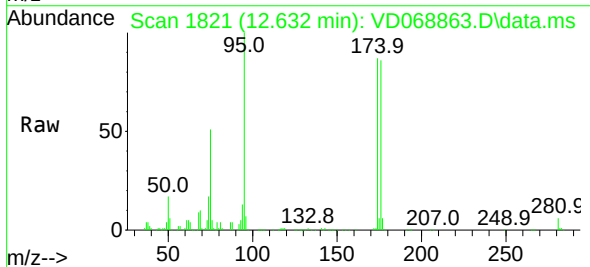
Instrument :
 MSVOA_D
 ClientSampled :

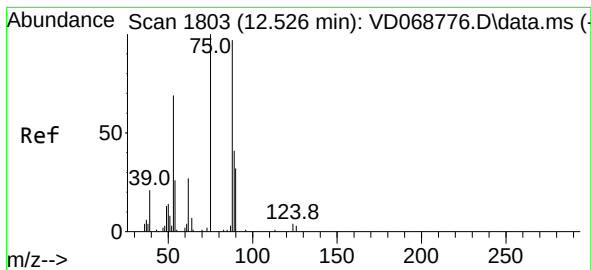
Tgt Ion:152 Resp: 240466
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.3 87.8
 150 160.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.42 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068863.D
 Acq: 15 Apr 2021 18:34

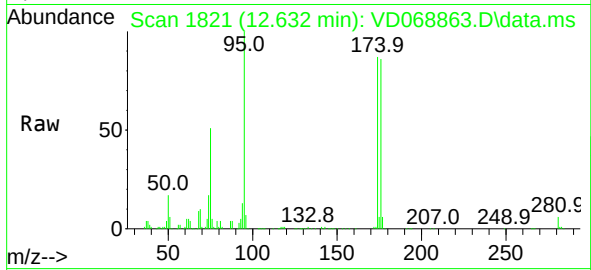
Tgt Ion: 75 Resp: 104170
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.05 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068863.D
 Acq: 15 Apr 2021 18:34

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 104170
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

