

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068693.D
 Acq On : 26 Mar 2021 19:22
 Operator : VA/SY
 Sample : M1832-05
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG005

Quant Time: Mar 27 00:46:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

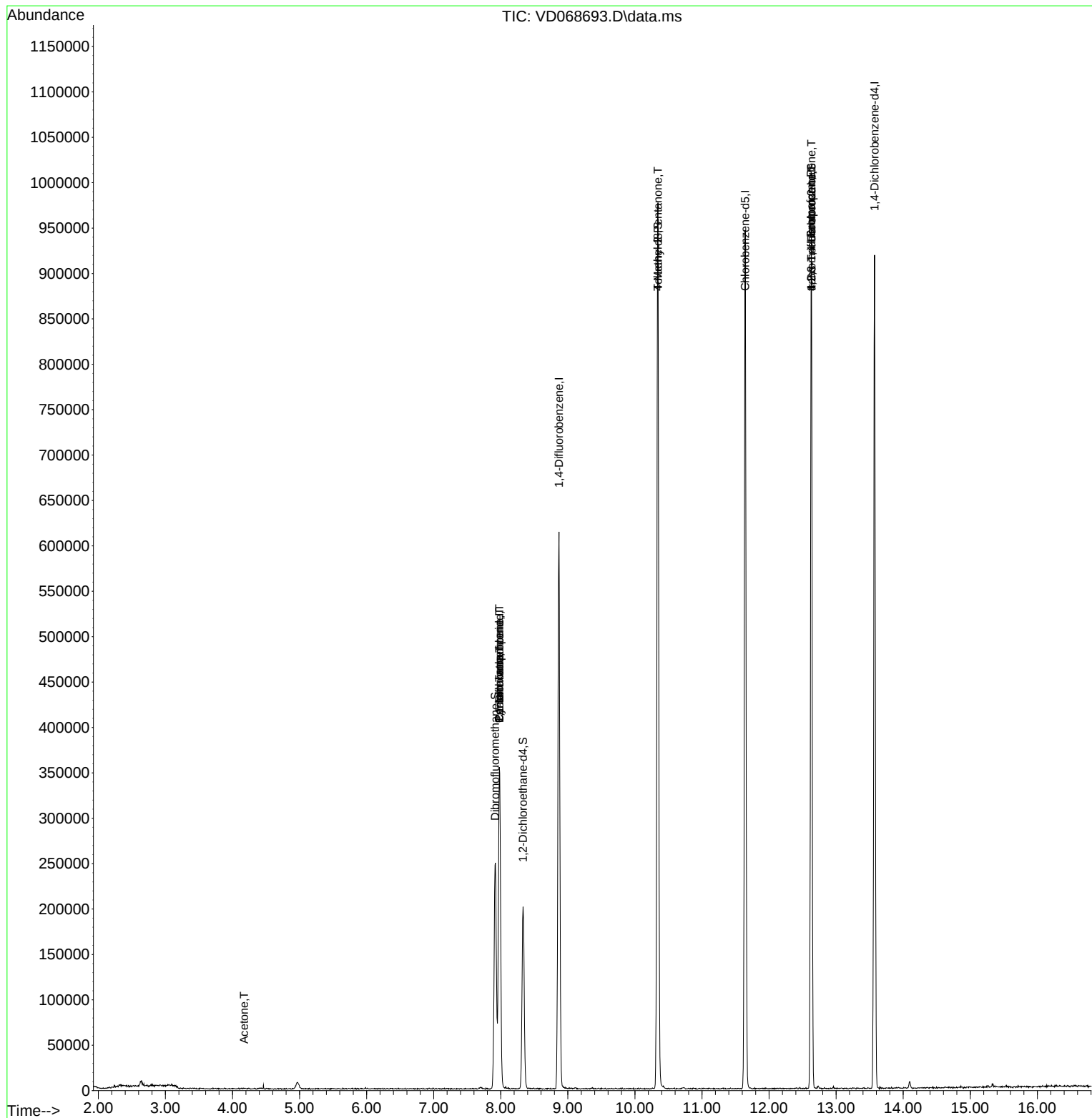
Internal Standards						
1) Pentafluorobenzene	7.979	168	280609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	548555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	560891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	245499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158713	56.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.18%			
35) Dibromofluoromethane	7.914	113	182551	53.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.98%			
50) Toluene-d8	10.343	98	708126	53.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.62%			
62) 4-Bromofluorobenzene	12.632	95	239197	56.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.14%			
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	862	2.51	ug/l #	40
20) Methylene Chloride	4.973	84	6284	Below Cal		89
31) Cyclohexane	7.979	56	6081	1.33	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	22078	4.51	ug/l #	49
38) Carbon Tetrachloride	7.979	117	26429	5.41	ug/l #	16
51) 4-Methyl-2-Pentanone	10.343	43	3070	1.99	ug/l #	1
71) Bromoform	12.626	173	2143	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	119948	58.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	119948	133.55	ug/l #	16

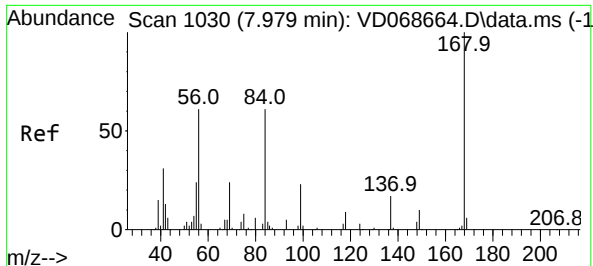
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

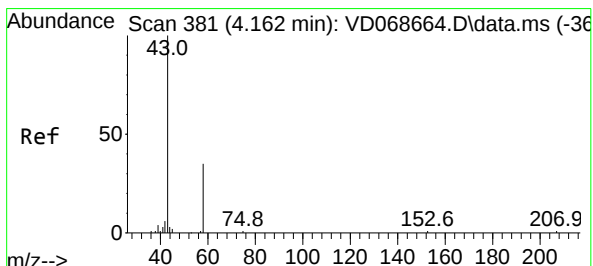
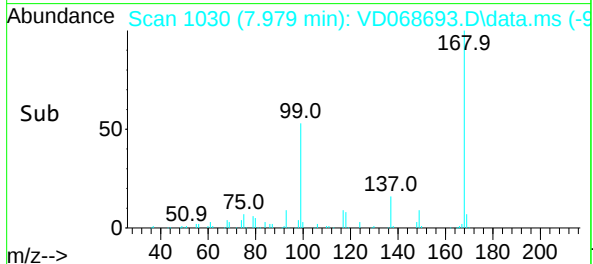
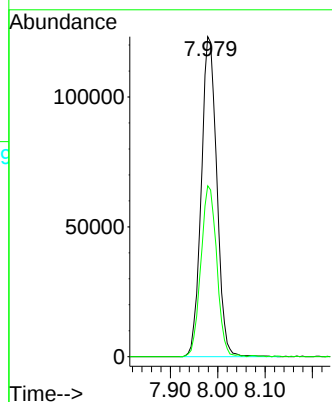
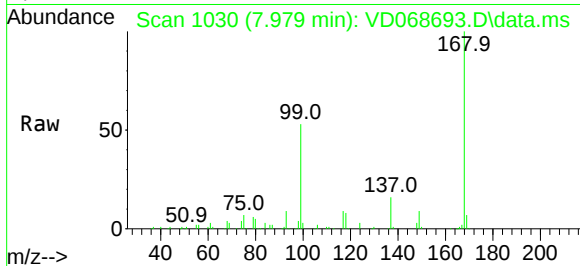




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

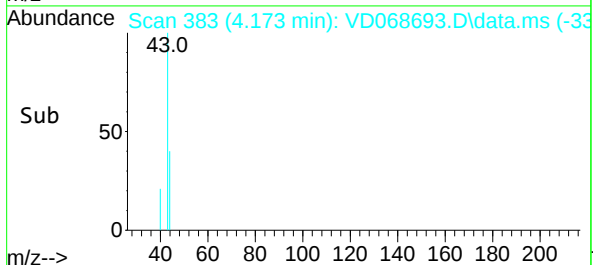
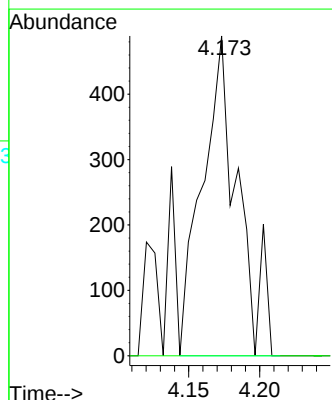
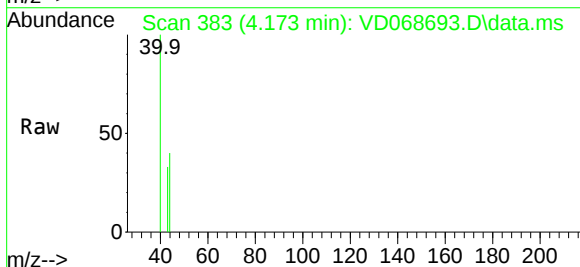
Instrument :
MSVOA_D
ClientSampleId :
IG005

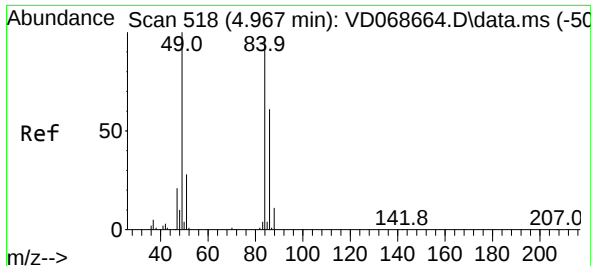
Tgt Ion:168 Resp: 280609
Ion Ratio Lower Upper
168 100
99 53.4 46.2 69.2



#16
Acetone
Concen: 2.51 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

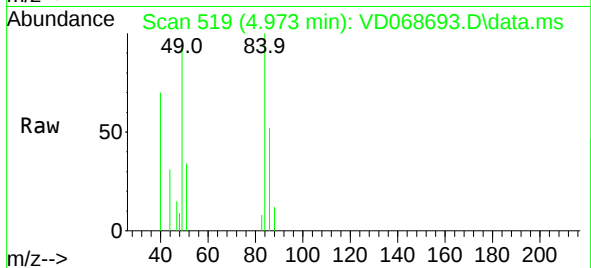
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





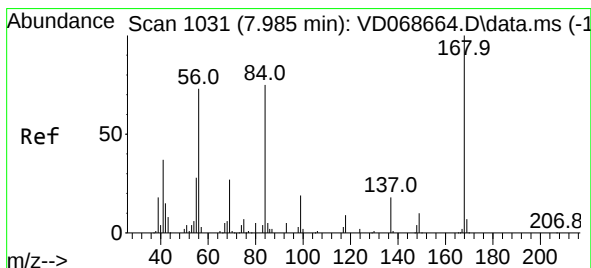
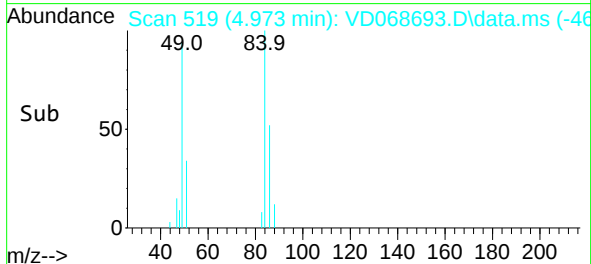
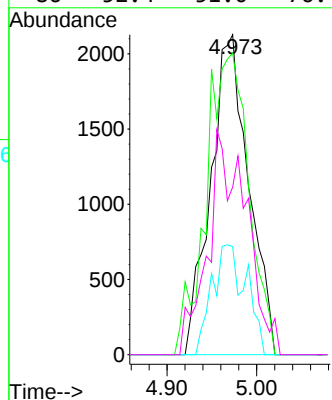
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Instrument :
MSVOA_D
ClientSampleId :
IG005



Tgt Ion: 84 Resp: 6284

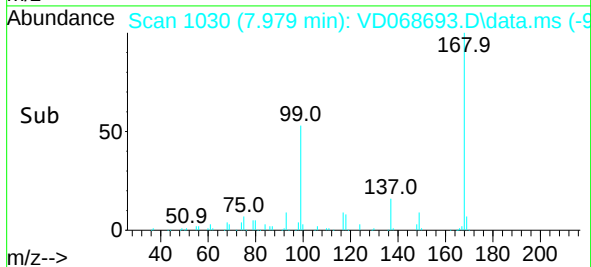
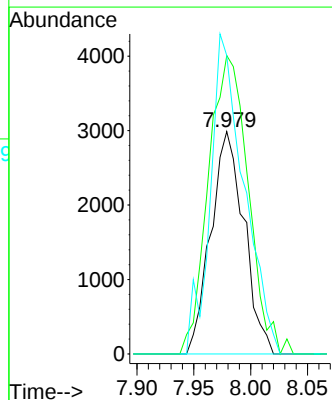
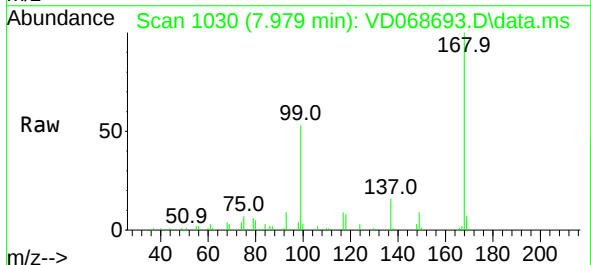
Ion	Ratio	Lower	Upper
84	100		
49	94.3	83.4	125.0
51	33.7	23.4	35.2
86	52.4	51.0	76.4

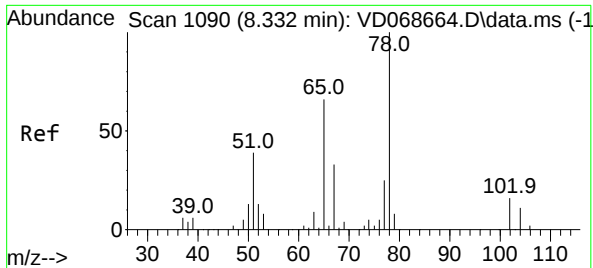


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion: 56 Resp: 6081

Ion	Ratio	Lower	Upper
56	100		
69	134.1	30.0	45.0#
84	134.1	82.0	123.0#

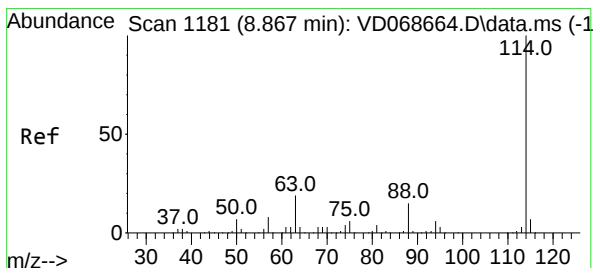
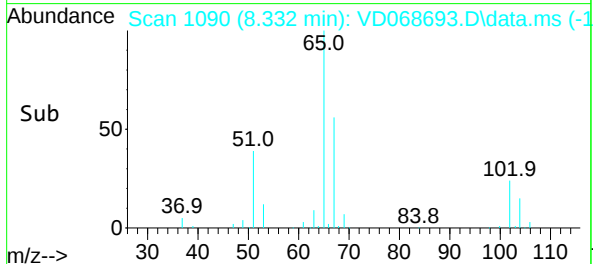
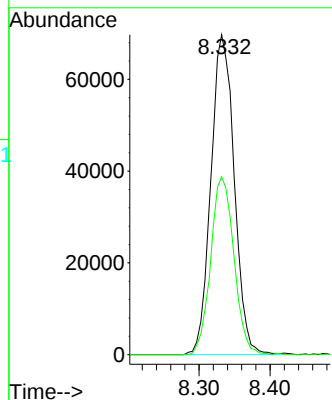
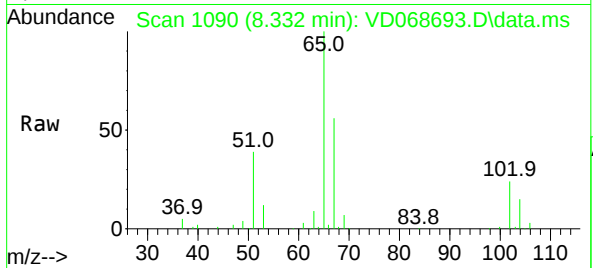




#33
1,2-Dichloroethane-d4
Concen: 56.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

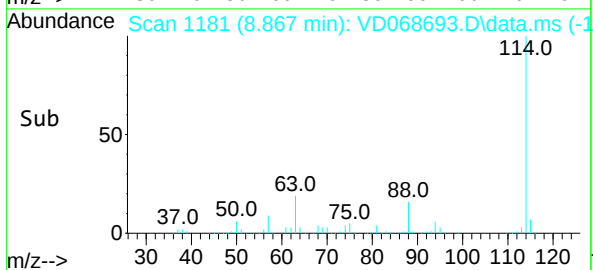
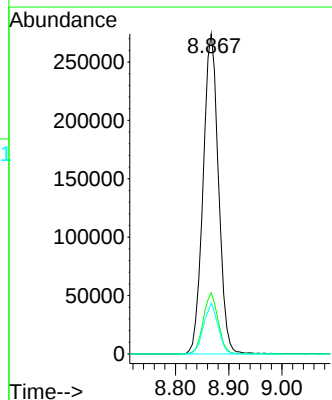
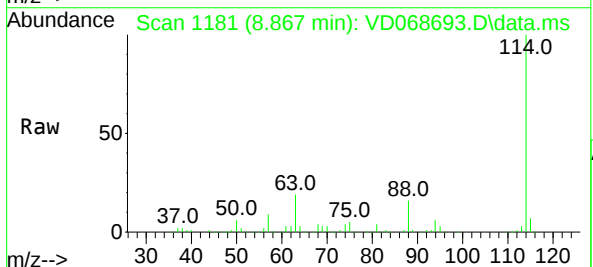
Instrument :
MSVOA_D
ClientSampleId :
IG005

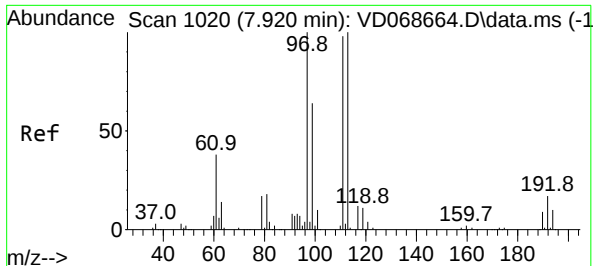
Tgt Ion: 65 Resp: 158713
Ion Ratio Lower Upper
65 100
67 55.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion: 114 Resp: 548555
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.2
88 15.9 0.0 29.4



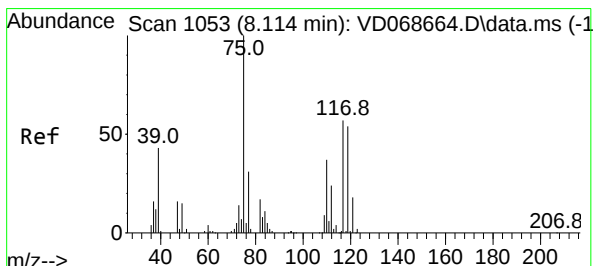
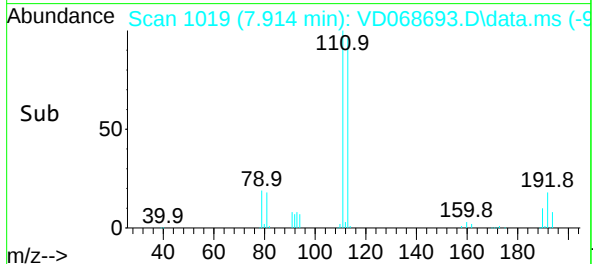
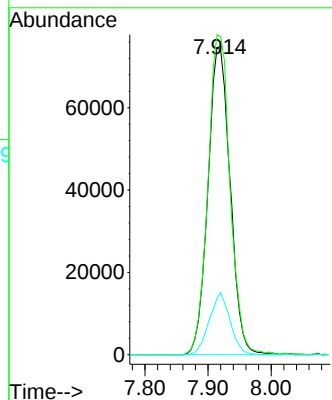
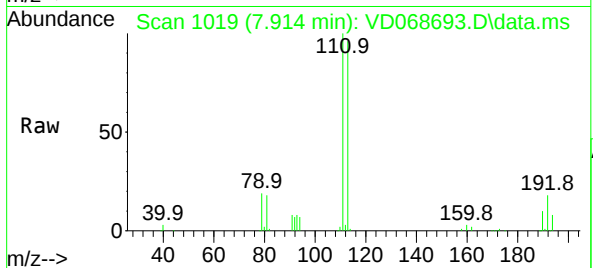


#35

Dibromofluoromethane
Concen: 53.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Instrument :
MSVOA_D
ClientSampled :
IG005

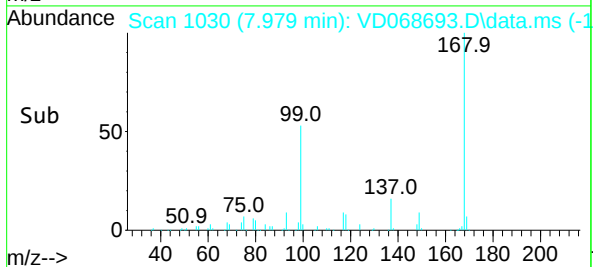
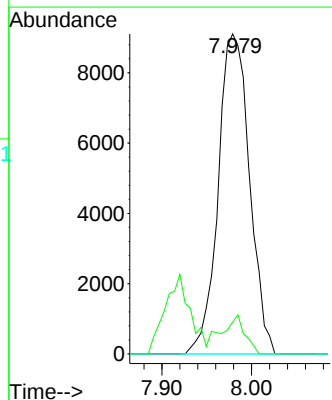
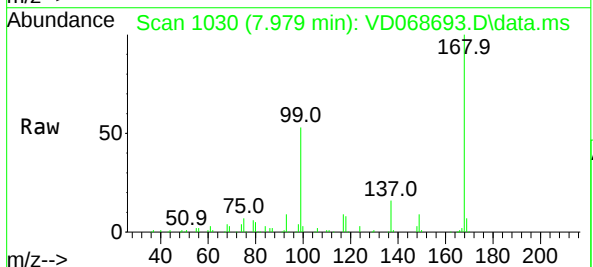
Tgt Ion:113 Resp: 182551
Ion Ratio Lower Upper
113 100
111 103.8 82.5 123.7
192 18.8 15.1 22.7

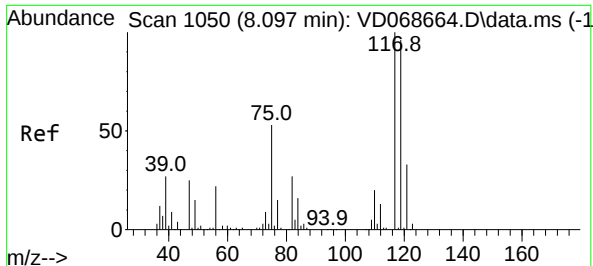


#36

1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion: 75 Resp: 22078
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 24.7 37.1#

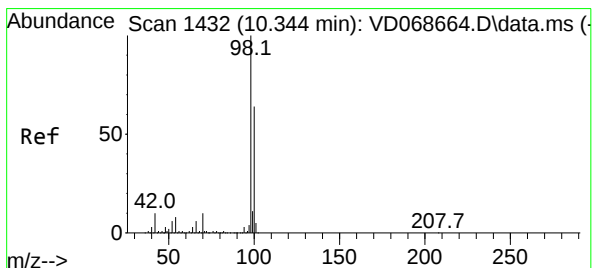
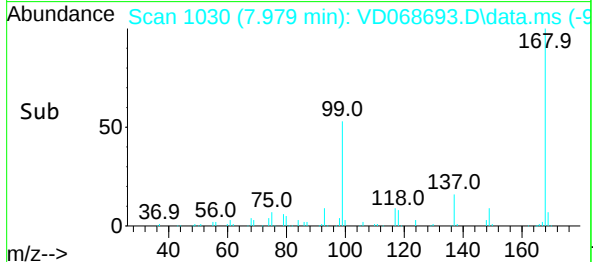
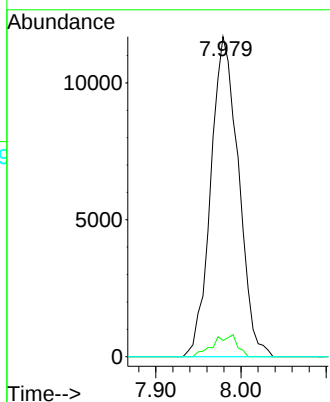
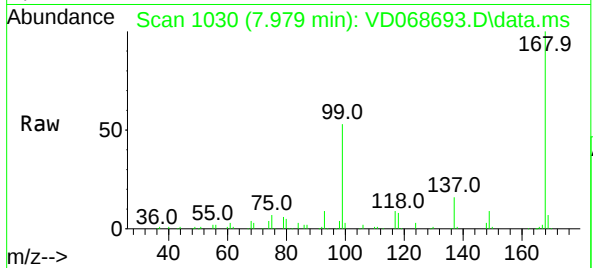




#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

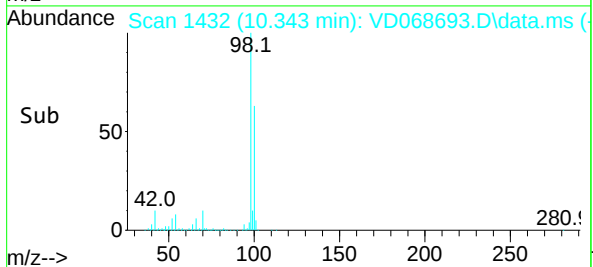
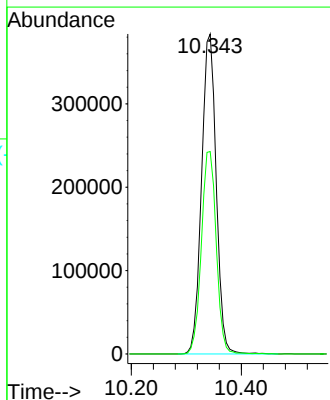
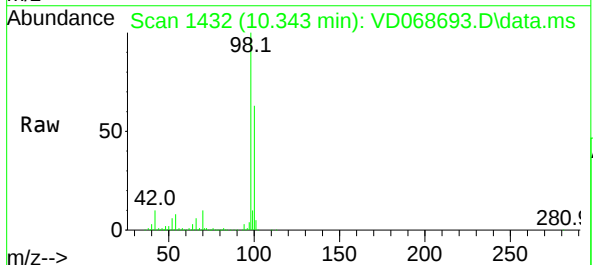
Instrument :
MSVOA_D
ClientSampled :
IG005

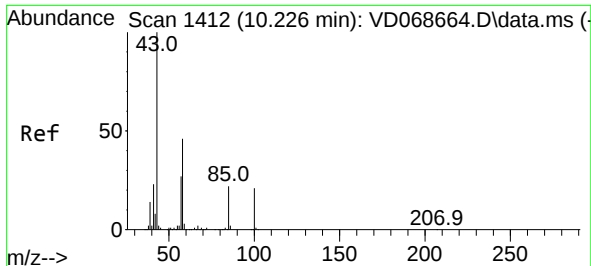
Tgt Ion:117 Resp: 26429
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.81 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion: 98 Resp: 708126
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

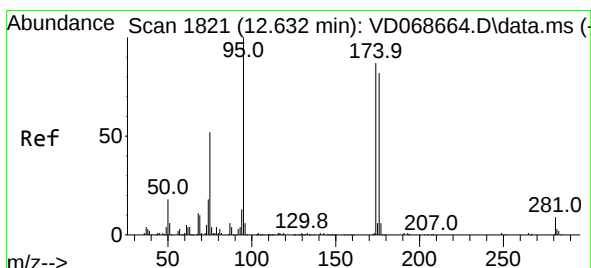
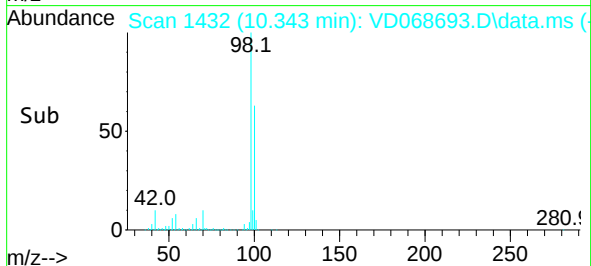
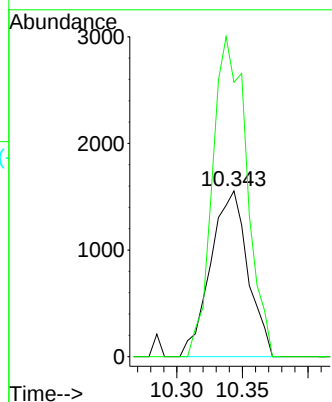
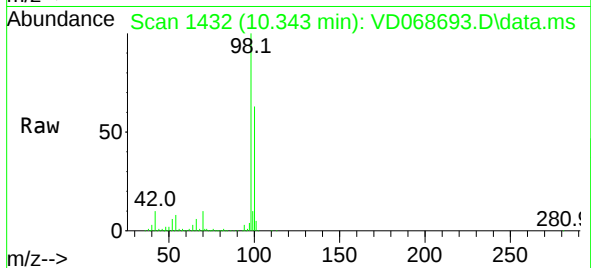




#51
4-Methyl-2-Pentanone
Concen: 1.99 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

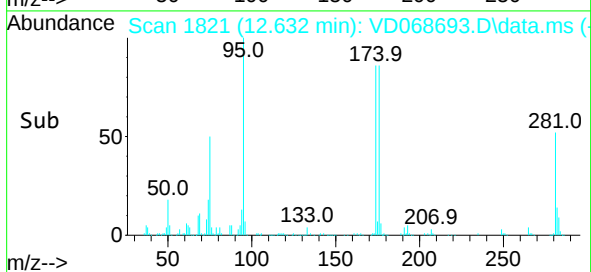
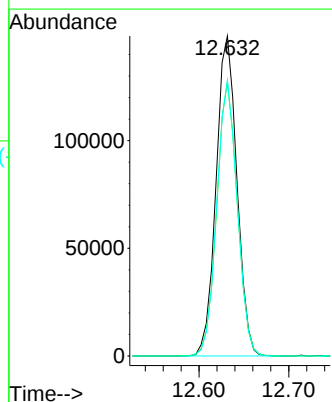
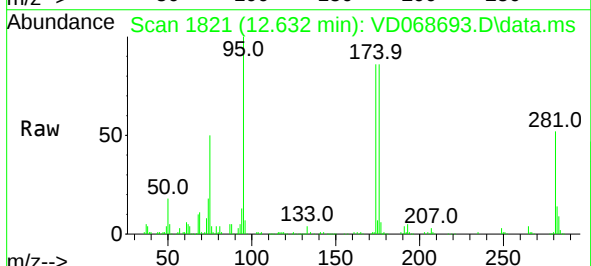
Instrument :
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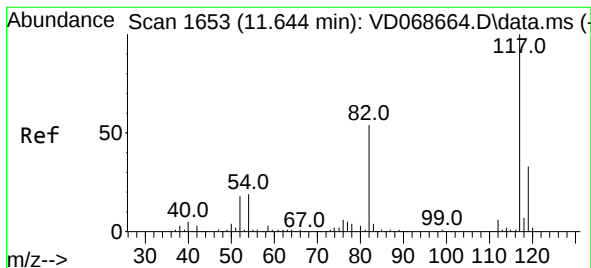
Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
58 177.6 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 56.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion: 95 Resp: 239197
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 84.8 0.0 160.2

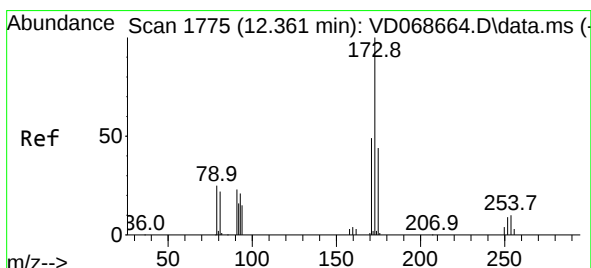
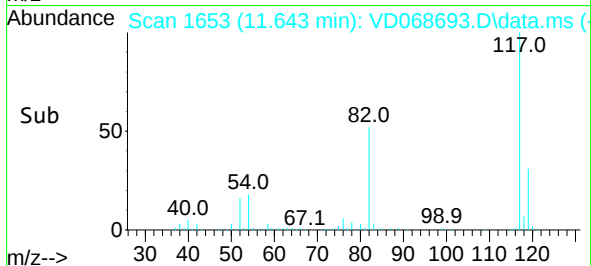
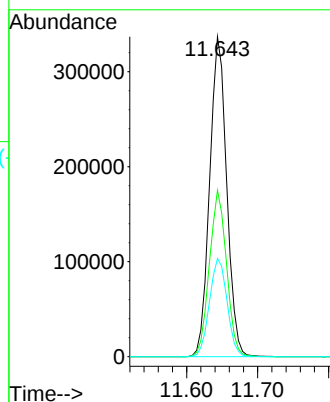
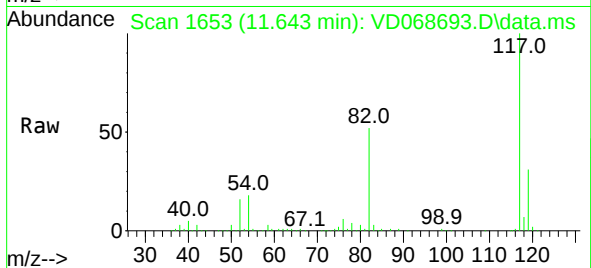




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

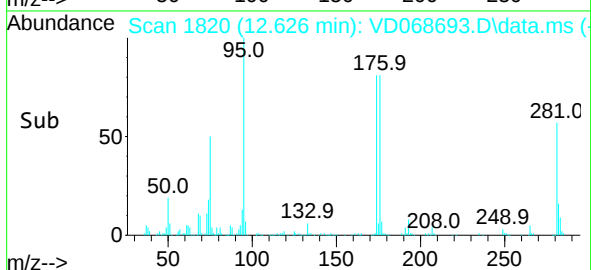
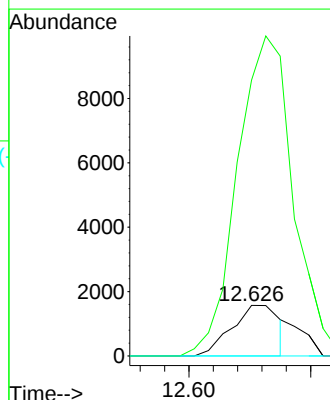
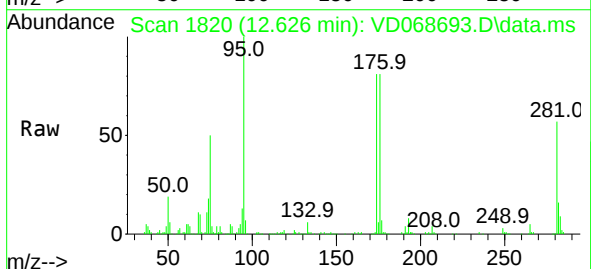
Instrument :
MSVOA_D
ClientSampled :
IG005

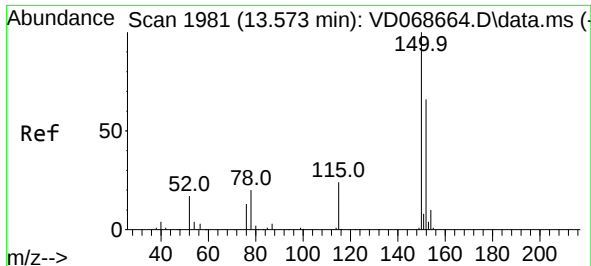
Tgt Ion:117 Resp: 560891
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 30.7 26.7 40.1



#71
Bromoform
Concen: 1.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

Tgt Ion:173 Resp: 2143
Ion Ratio Lower Upper
173 100
175 607.6 23.6 71.0#
254 0.0 0.0 0.0

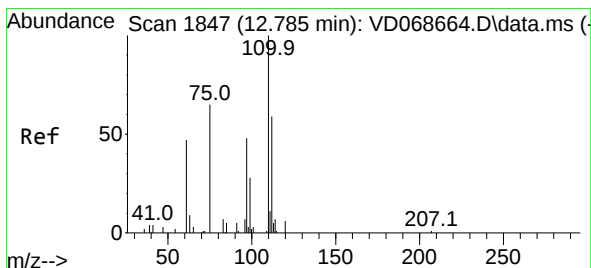
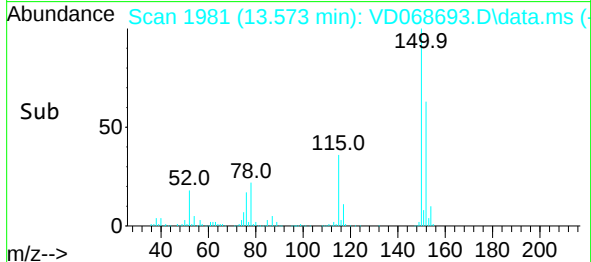
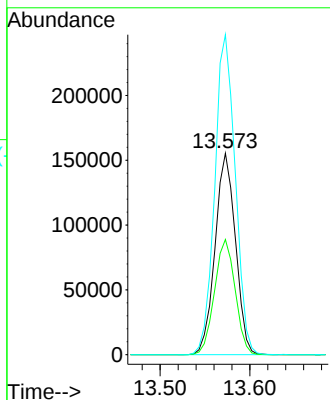
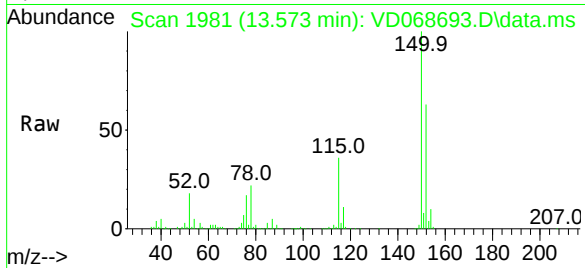




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

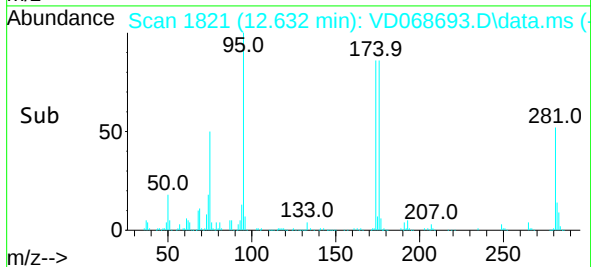
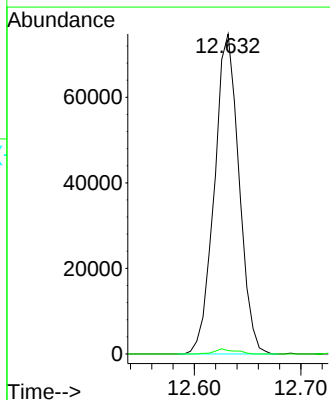
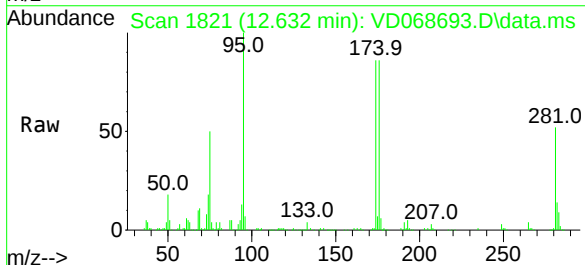
Instrument :
MSVOA_D
ClientSampled :
IG005

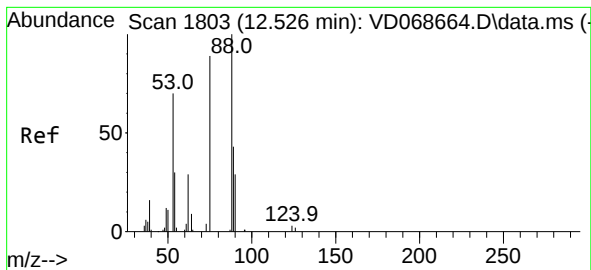
Tgt Ion:152 Resp: 245499
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 159.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 58.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068693.D
Acq: 26 Mar 2021 19:22

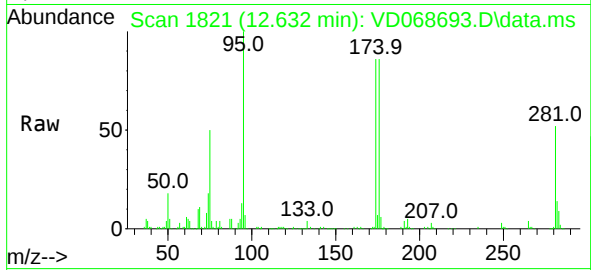
Tgt Ion: 75 Resp: 119948
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.55 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068693.D
 Acq: 26 Mar 2021 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 IG005



Tgt Ion: 75 Resp: 119948
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 36.6 54.8#

