

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069043.D
 Acq On : 03 May 2021 15:45
 Operator : VA/SY
 Sample : VD0503SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 04:02:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

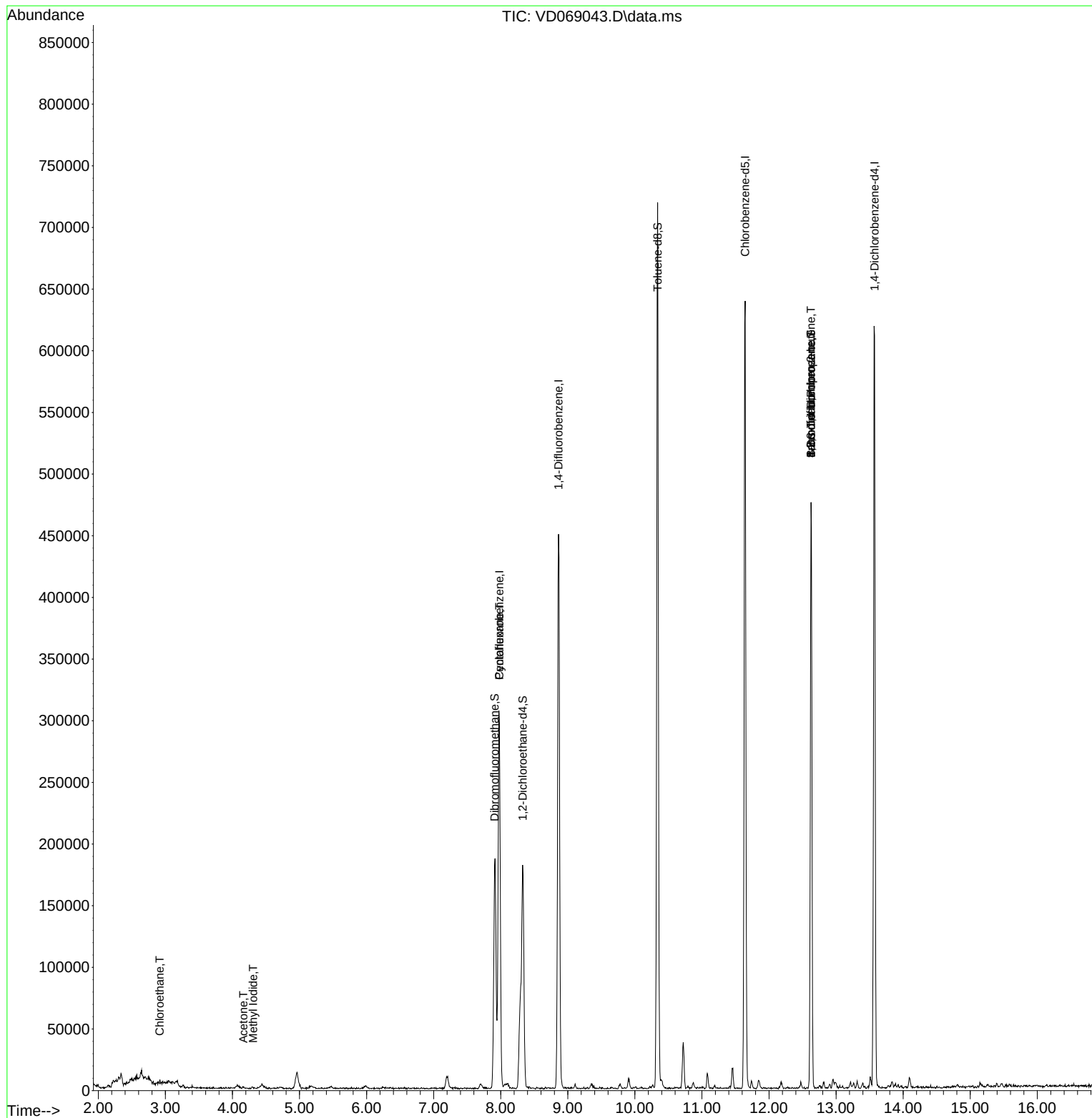
Internal Standards						
1) Pentafluorobenzene	7.979	168	207739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	383016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	356094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	157978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139262	53.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.16%			
35) Dibromofluoromethane	7.909	113	129541	51.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.28%			
50) Toluene-d8	10.338	98	467481	49.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.66%			
62) 4-Bromofluorobenzene	12.626	95	148254	46.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.62%			
Target Compounds						Qvalue
6) Chloroethane	2.915	64	928	3.13	ug/l #	42
10) Methyl Iodide	4.309	142	737	1.31	ug/l #	52
11) Tert butyl alcohol	5.167	59	1377	Below Cal	#	73
16) Acetone	4.162	43	1844	4.44	ug/l #	85
20) Methylene Chloride	4.962	84	10166	Below Cal		91
31) Cyclohexane	7.979	56	7120	1.84	ug/l #	58
71) Bromoform	12.626	173	1483	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	80553	53.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	80553	126.45	ug/l #	16

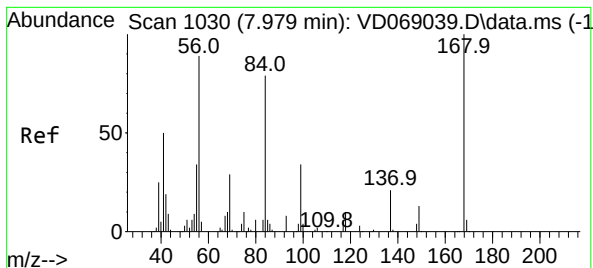
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069043.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 04 04:02:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
Response via : Initial Calibration

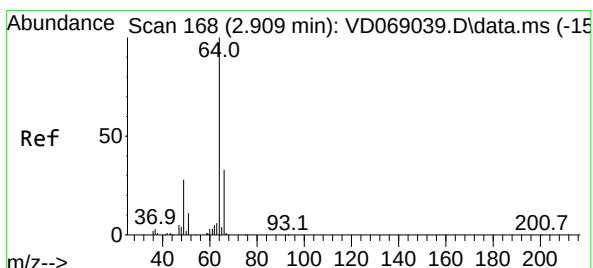
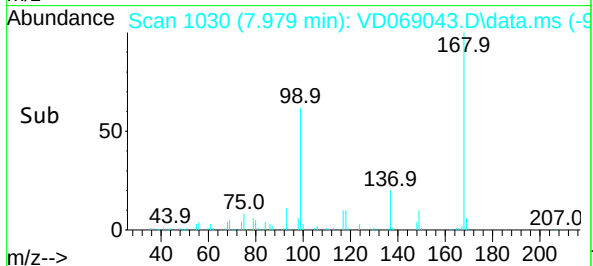
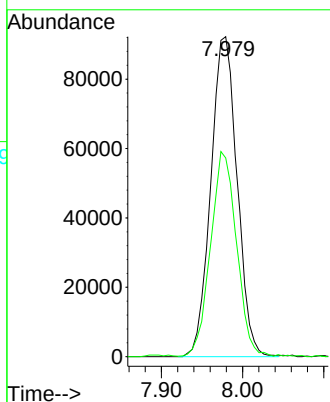
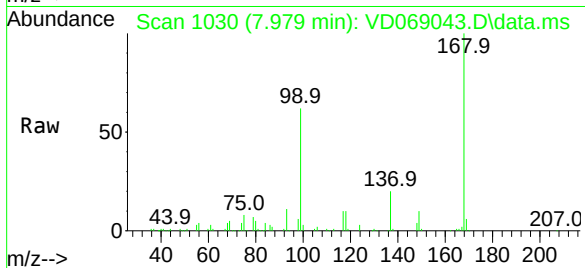




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

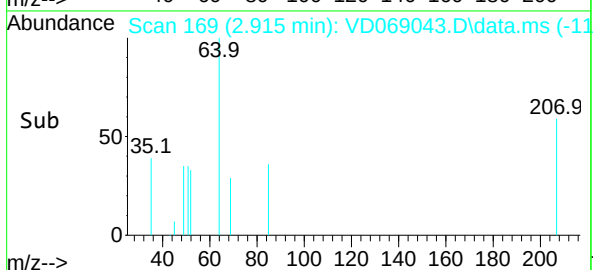
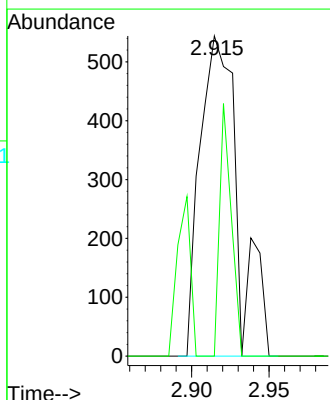
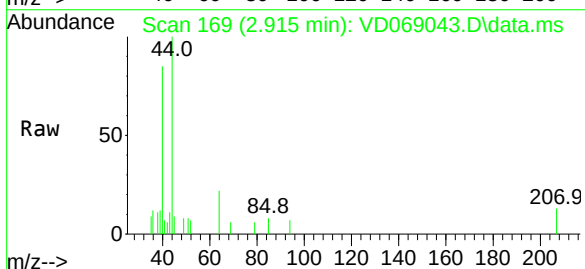
Instrument :
MSVOA_D
ClientSampled :

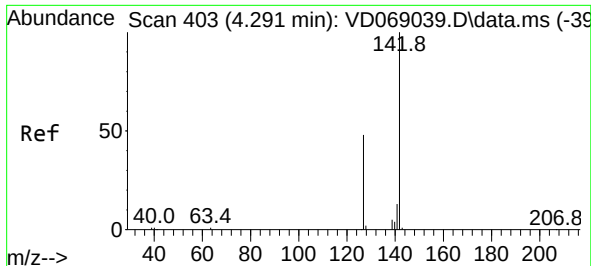
Tgt Ion:168 Resp: 207739
Ion Ratio Lower Upper
168 100
99 61.9 46.2 69.2



#6
Chloroethane
Concen: 3.13 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.006 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

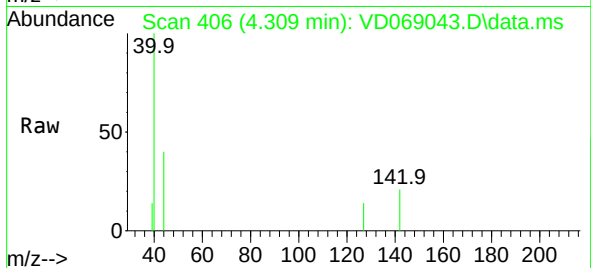
Tgt Ion: 64 Resp: 928
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



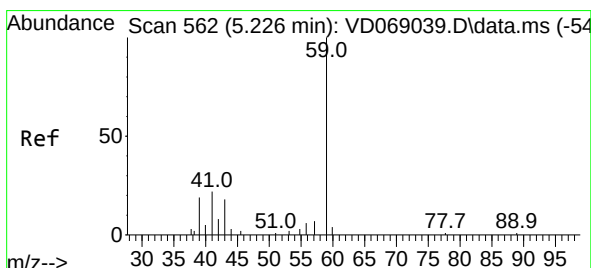
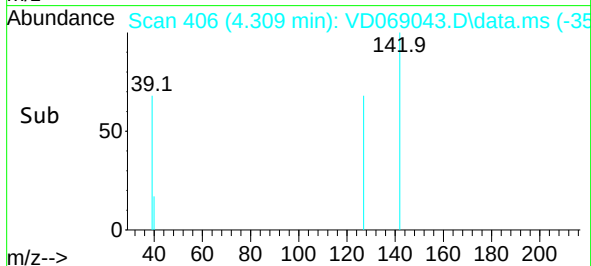
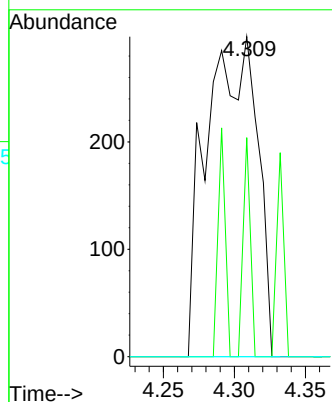


#10
Methyl Iodide
Concen: 1.31 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.018 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

Instrument :
MSVOA_D
ClientSampled :

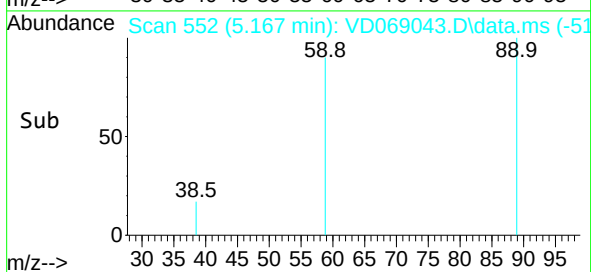
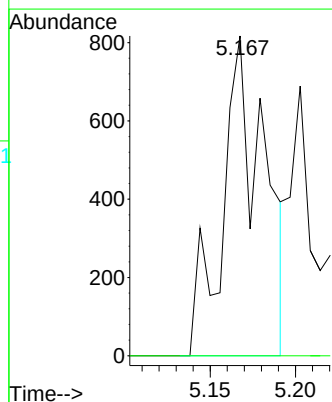
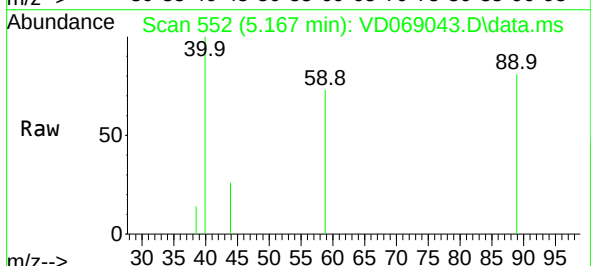


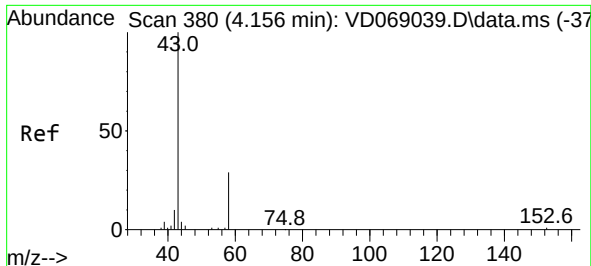
Tgt Ion:142 Resp: 737
Ion Ratio Lower Upper
142 100
127 9.8 34.7 52.1#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.167 min Scan# 552
Delta R.T. -0.059 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

Tgt Ion: 59 Resp: 1377
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

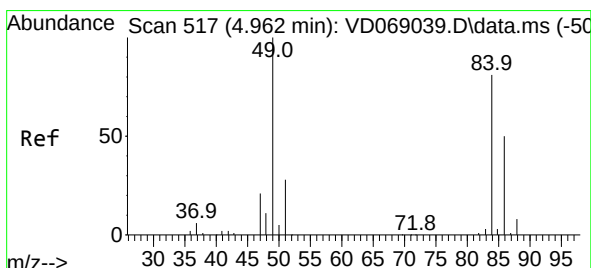
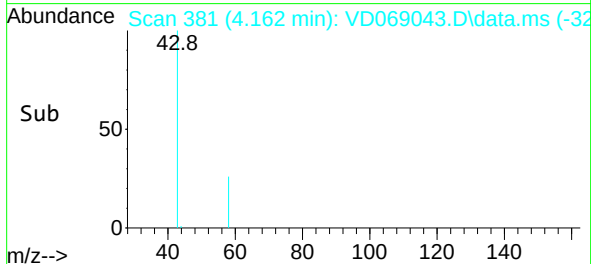
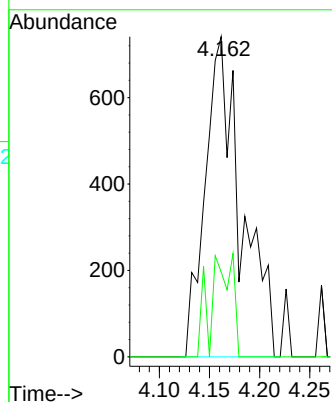
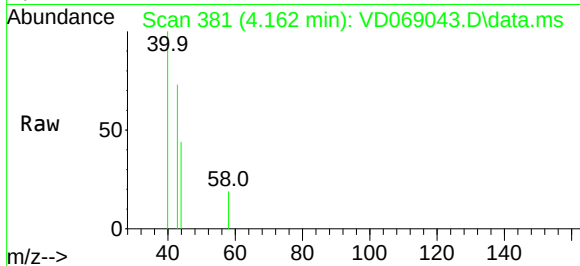




#16
Acetone
Concen: 4.44 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

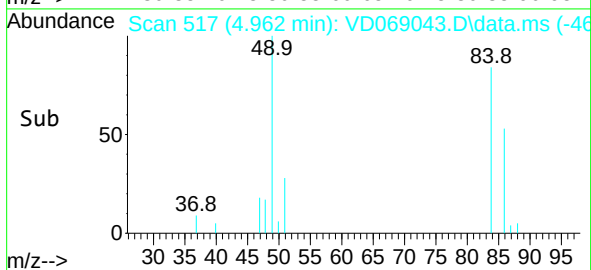
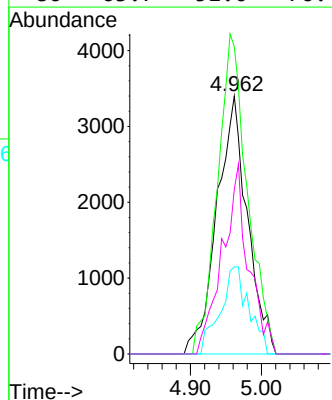
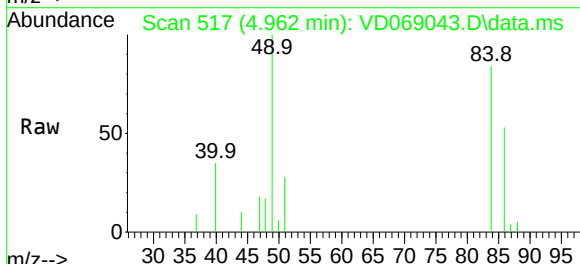
Instrument :
MSVOA_D
ClientSampled :

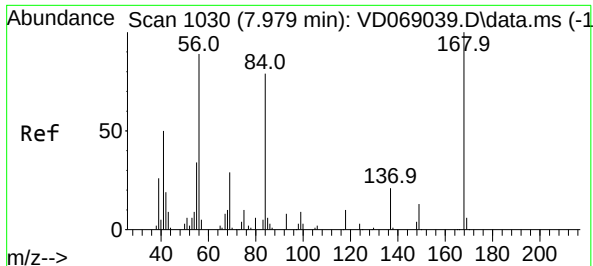
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 26.5 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

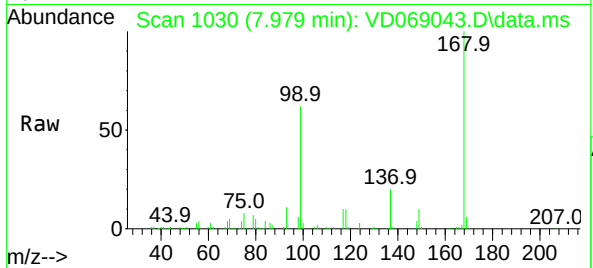
Tgt Ion: 84 Resp: 10166
Ion Ratio Lower Upper
84 100
49 119.1 83.4 125.0
51 33.7 23.4 35.2
86 63.7 51.0 76.4



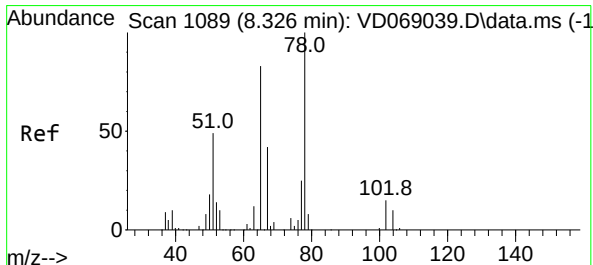
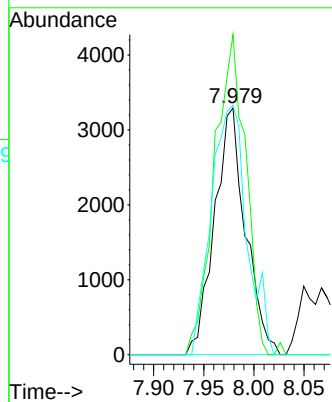
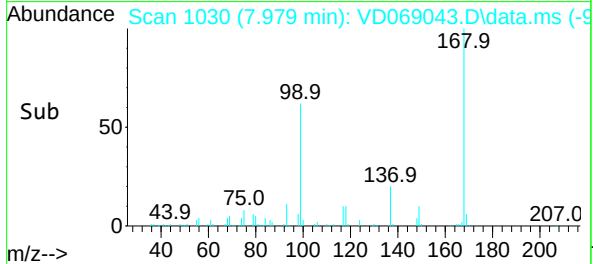


#31
Cyclohexane
Concen: 1.84 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

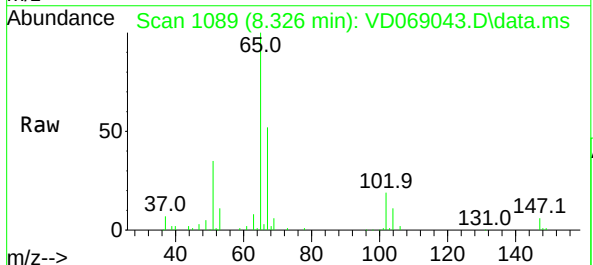
Instrument :
MSVOA_D
ClientSampled :



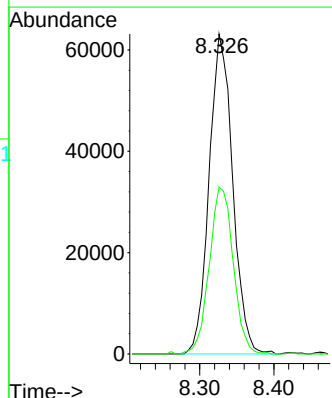
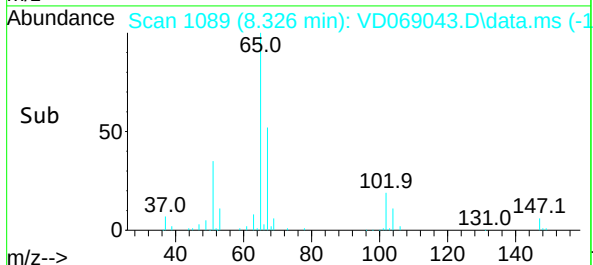
Tgt Ion: 56 Resp: 7120
Ion Ratio Lower Upper
56 100
69 129.7 30.0 45.0#
84 101.1 82.0 123.0

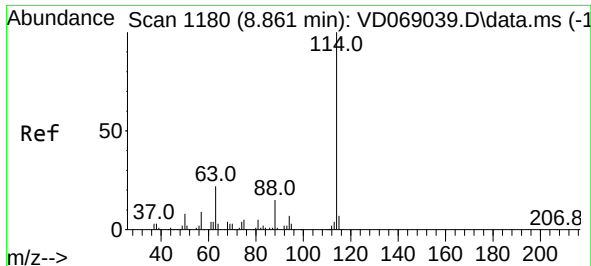


#33
1,2-Dichloroethane-d4
Concen: 53.08 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45



Tgt Ion: 65 Resp: 139262
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

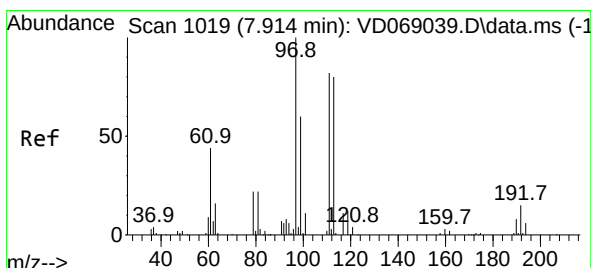
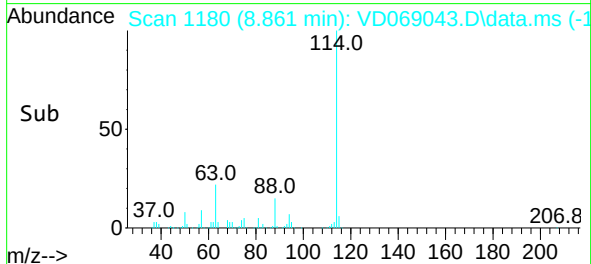
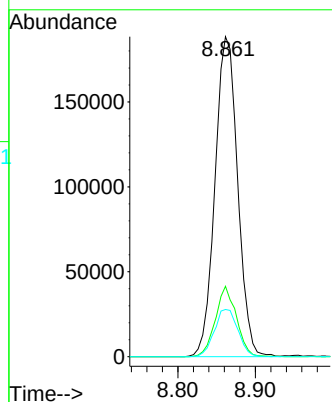
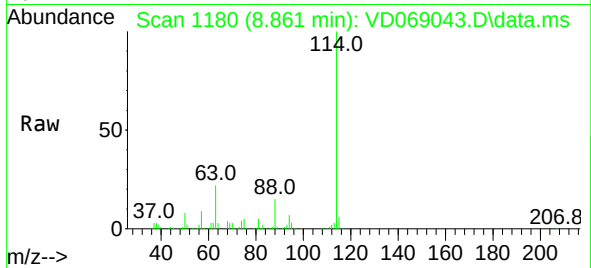




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

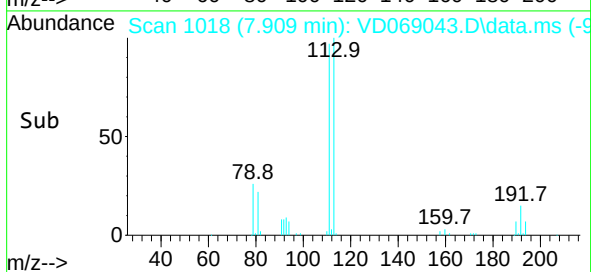
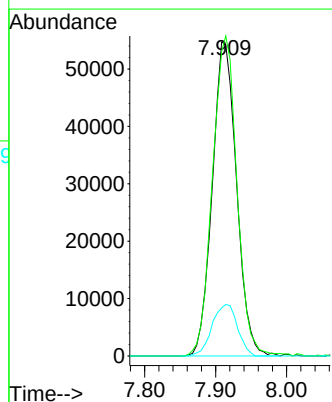
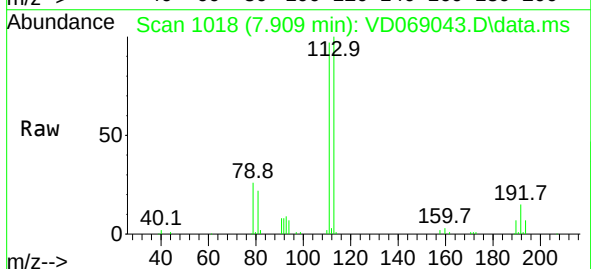
Instrument :
MSVOA_D
ClientSampled :

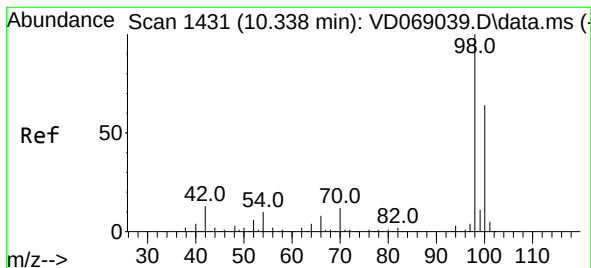
Tgt Ion:114 Resp: 383016
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.14 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

Tgt Ion:113 Resp: 129541
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 17.1 15.1 22.7

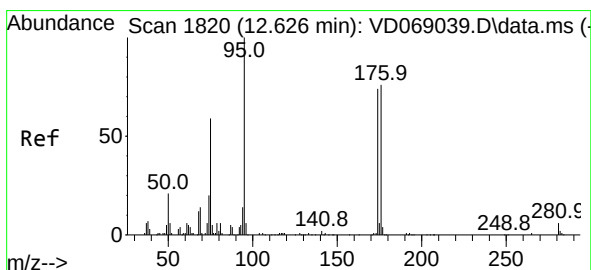
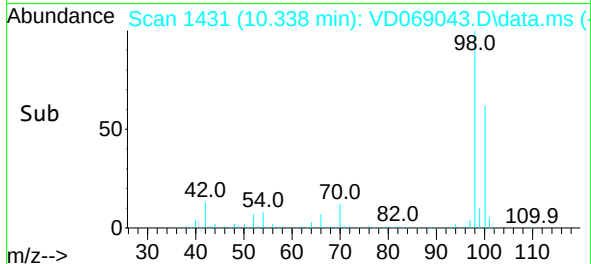
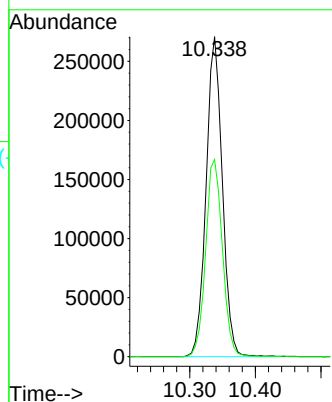
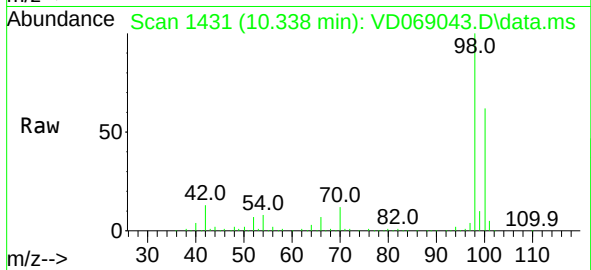




#50
Toluene-d8
Concen: 49.83 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

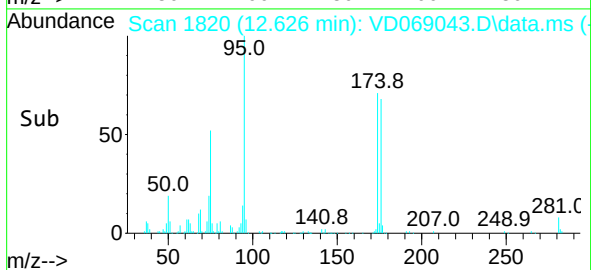
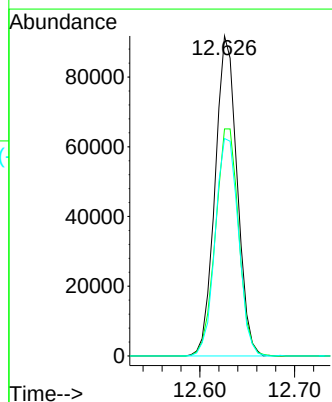
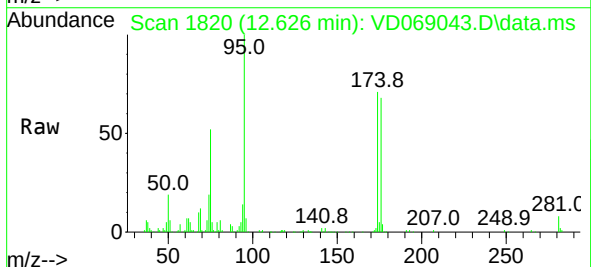
Instrument :
MSVOA_D
ClientSampled :

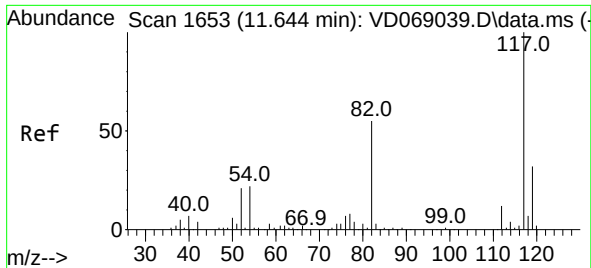
Tgt Ion: 98 Resp: 467481
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.81 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

Tgt Ion: 95 Resp: 148254
Ion Ratio Lower Upper
95 100
174 74.9 0.0 168.0
176 71.7 0.0 160.2

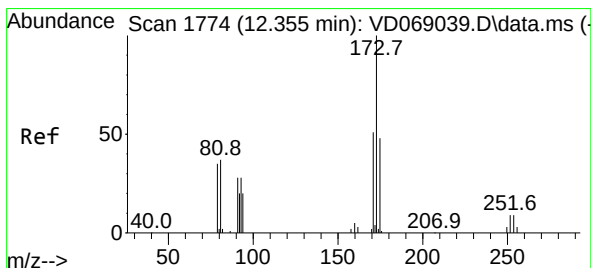
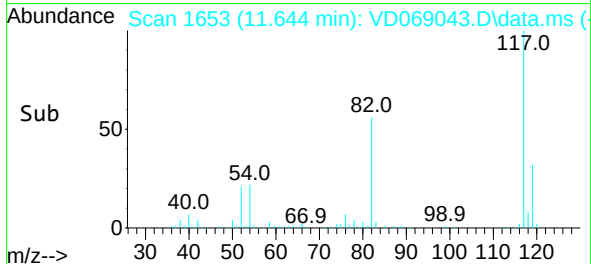
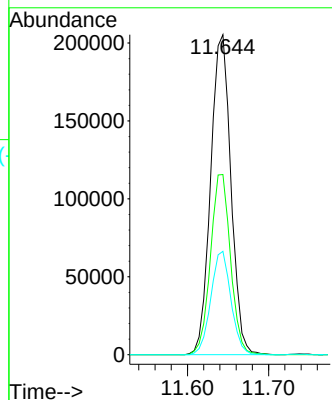
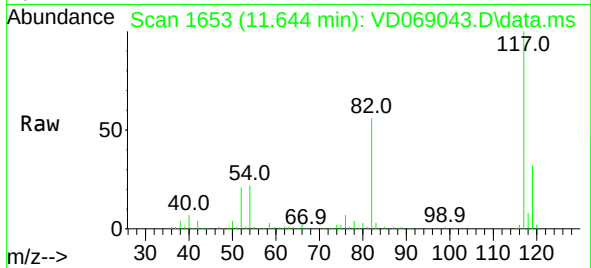




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

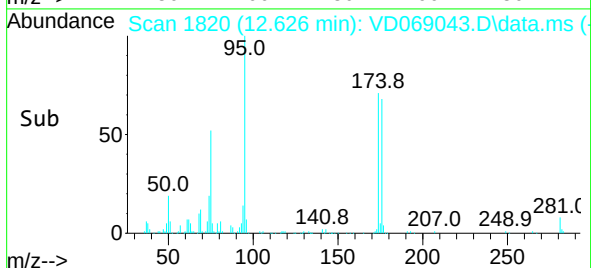
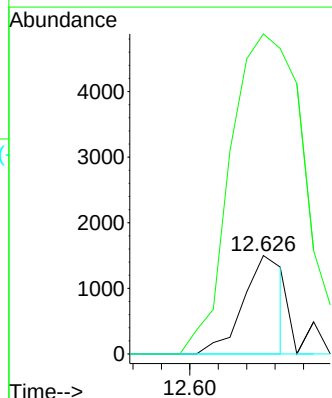
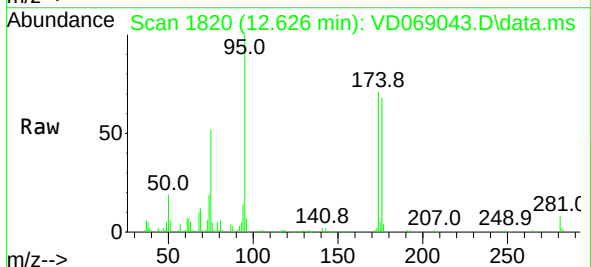
Instrument :
MSVOA_D
ClientSampleId :

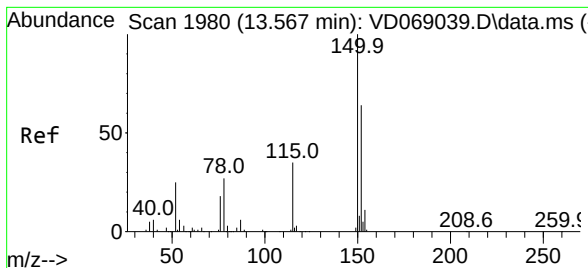
Tgt Ion:117 Resp: 356094
Ion Ratio Lower Upper
117 100
82 56.3 43.5 65.3
119 32.3 26.7 40.1



#71
Bromoform
Concen: 1.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069043.D
Acq: 03 May 2021 15:45

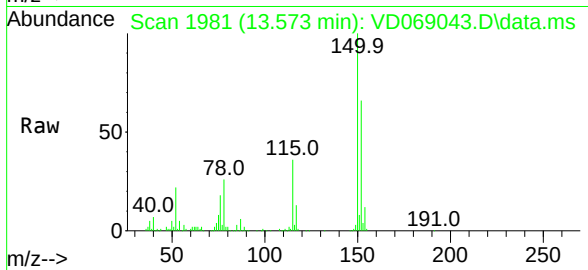
Tgt Ion:173 Resp: 1483
Ion Ratio Lower Upper
173 100
175 432.6 23.6 71.0#
254 0.0 0.0 0.0





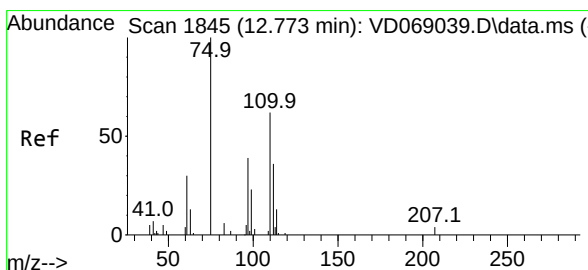
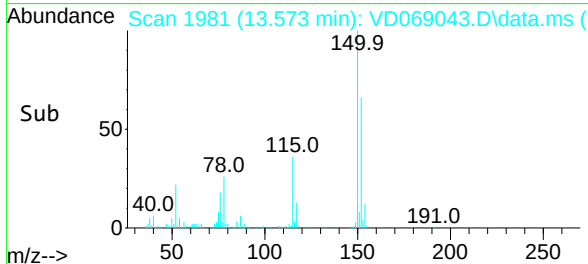
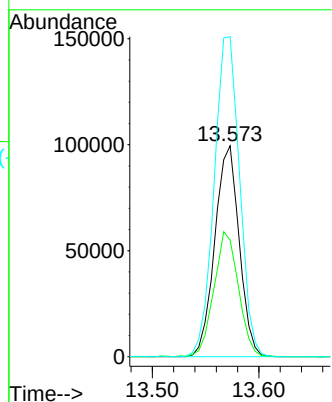
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.006 min
 Lab File: VD069043.D
 Acq: 03 May 2021 15:45

Instrument :
 MSVOA_D
 ClientSampled :



Tgt Ion: 152 Resp: 157978

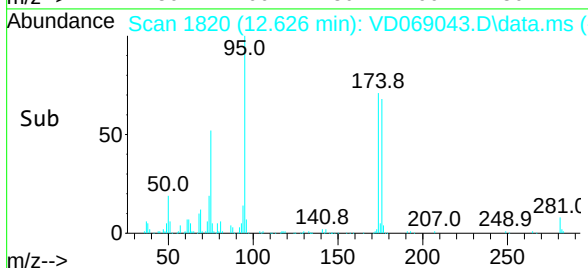
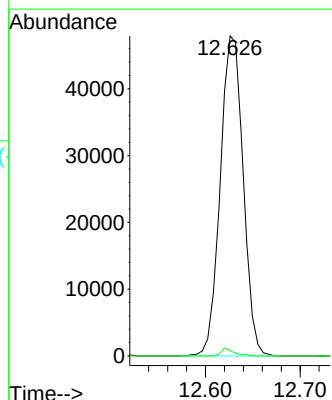
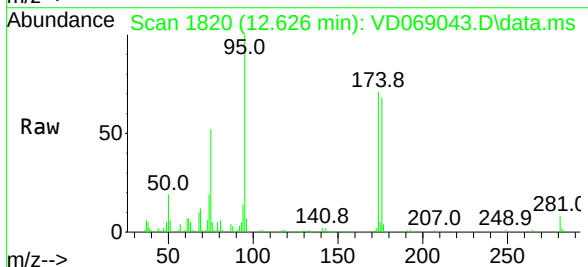
Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	87.8
150	158.3	0.0	347.6

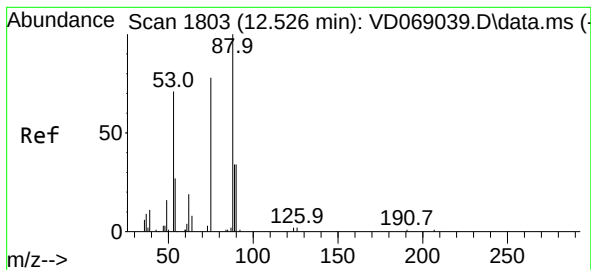


#76
 1,2,3-Trichloropropane
 Concen: 53.41 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069043.D
 Acq: 03 May 2021 15:45

Tgt Ion: 75 Resp: 80553

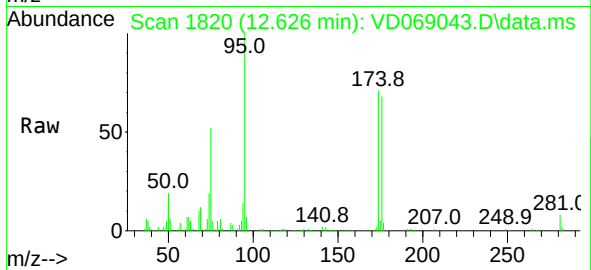
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.45 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069043.D
 Acq: 03 May 2021 15:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 80553
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.1 36.6 54.8#

