

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068606.D
 Acq On : 12 Mar 2021 15:05
 Operator : VA/SY
 Sample : M1649-05
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-3

Quant Time: Mar 12 23:35:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

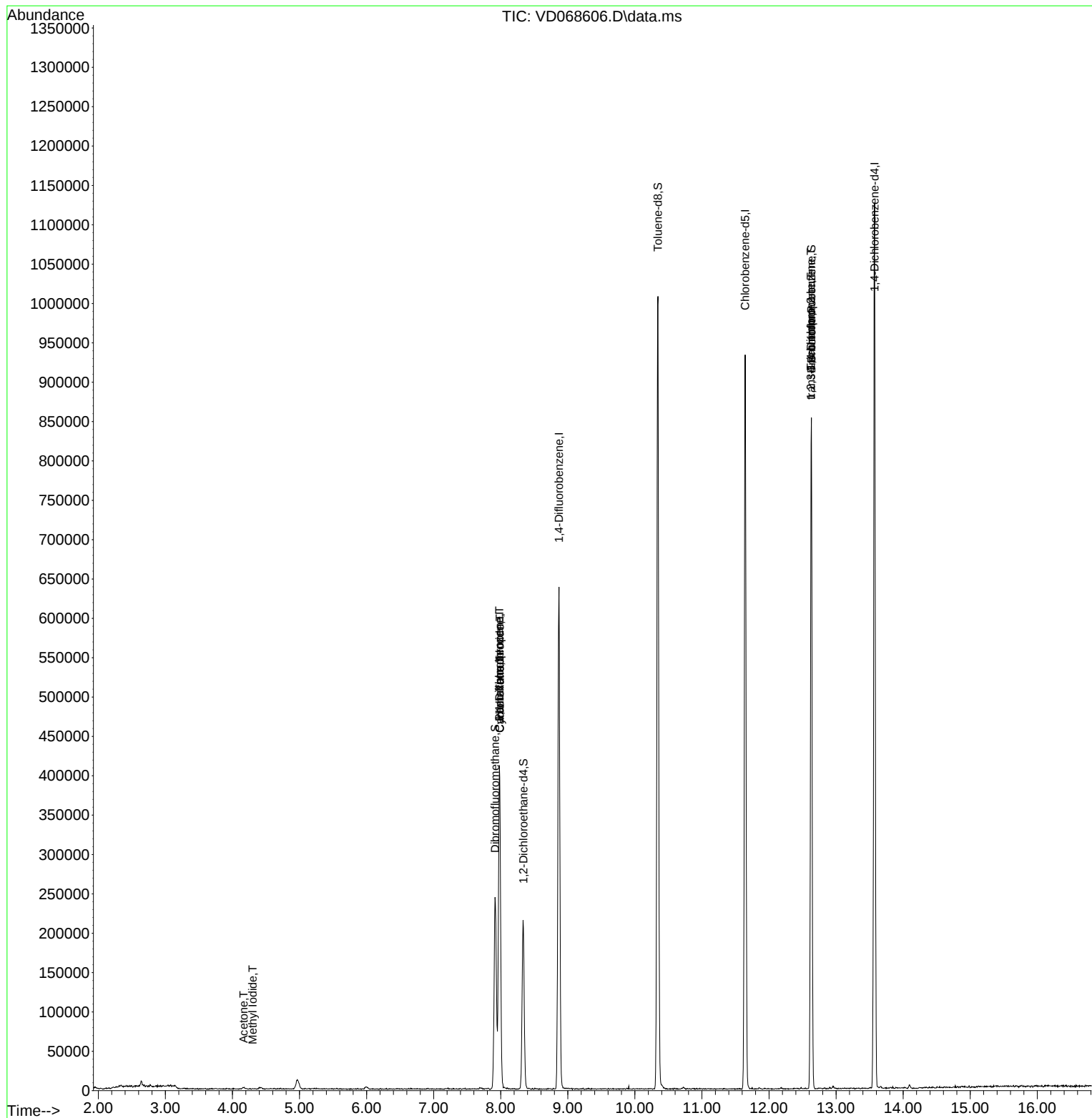
Internal Standards						
1) Pentafluorobenzene	7.979	168	314038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	574761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	556448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	165985	52.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.80%			
35) Dibromofluoromethane	7.914	113	179248	51.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.54%			
50) Toluene-d8	10.344	98	723850	52.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.98%			
62) 4-Bromofluorobenzene	12.632	95	249424	56.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.24%			
Target Compounds						
						Qvalue
10) Methyl Iodide	4.303	142	79	2.64	ug/l #	38
16) Acetone	4.168	43	3267	6.56	ug/l	91
20) Methylene Chloride	4.967	84	10840	Below Cal		92
31) Cyclohexane	7.985	56	6635	1.16	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	24120	4.41	ug/l #	47
38) Carbon Tetrachloride	7.985	117	31449	6.13	ug/l #	15
71) Bromoform	12.632	173	2325	1.16	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	126878	46.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	126878	108.97	ug/l #	13

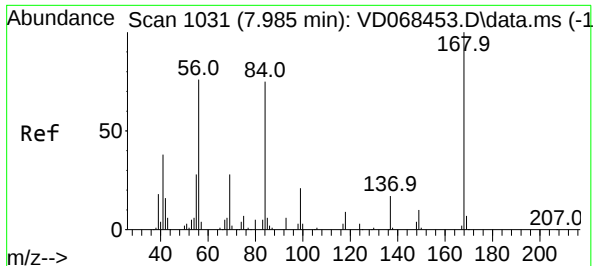
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
Data File : VD068606.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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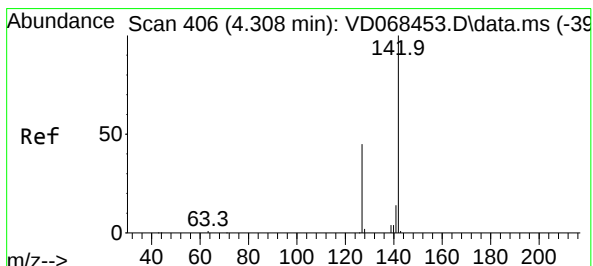
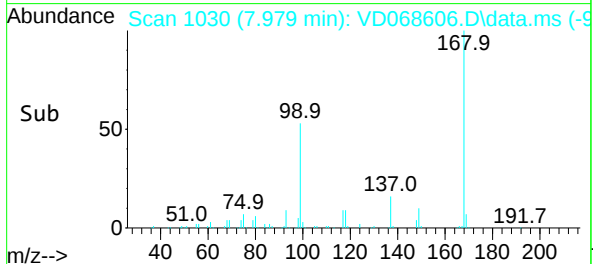
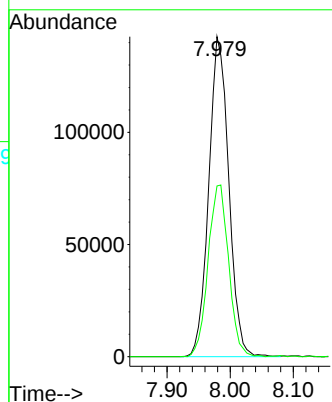
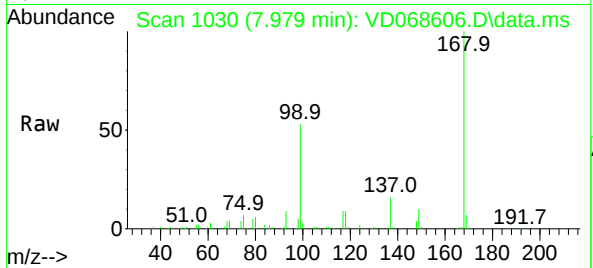




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

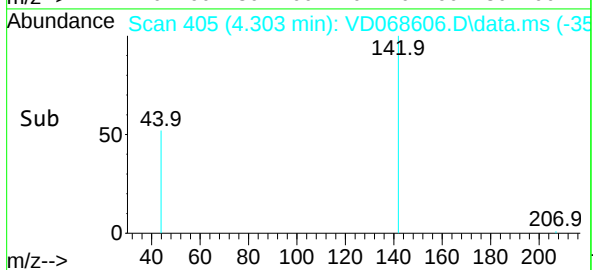
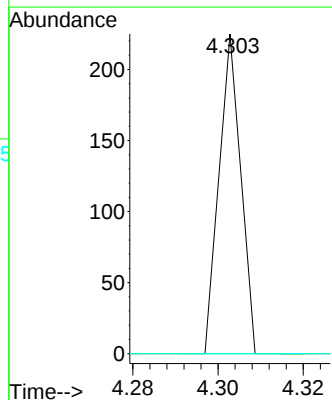
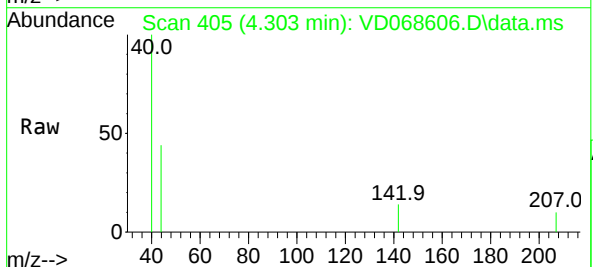
Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

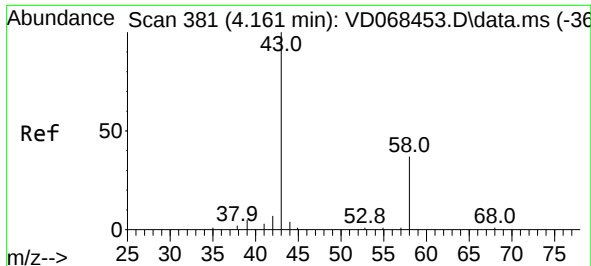
Tgt Ion:168 Resp: 314038
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

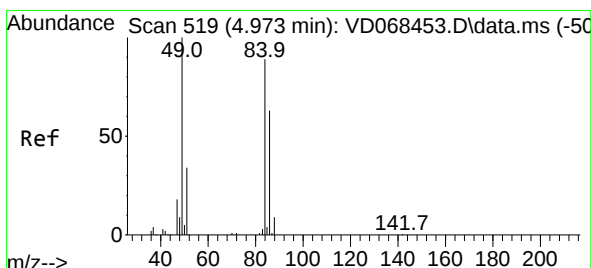
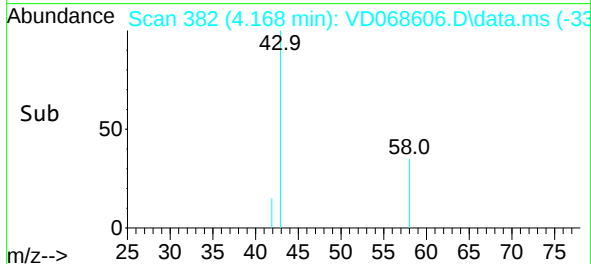
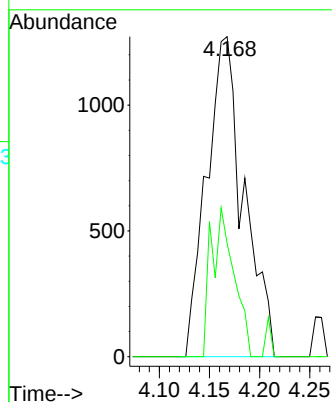
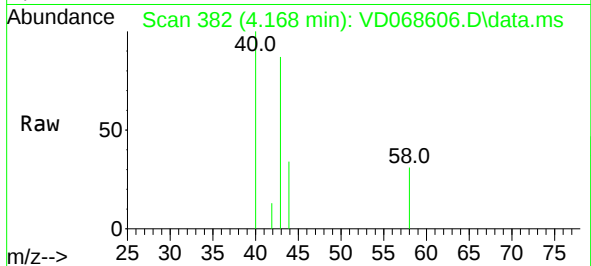




#16
Acetone
Concen: 6.56 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

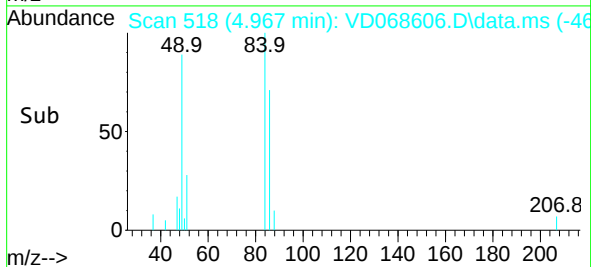
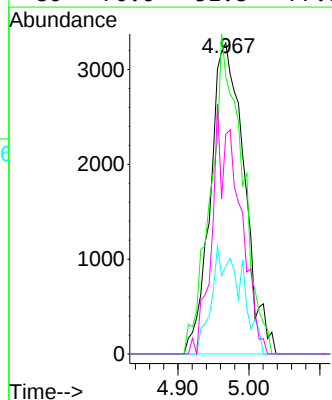
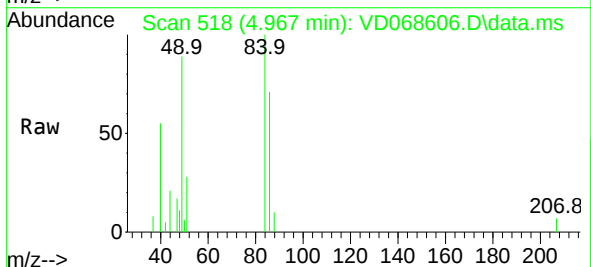
Instrument :
MSVOA_D
ClientSampled :
SP-1-3

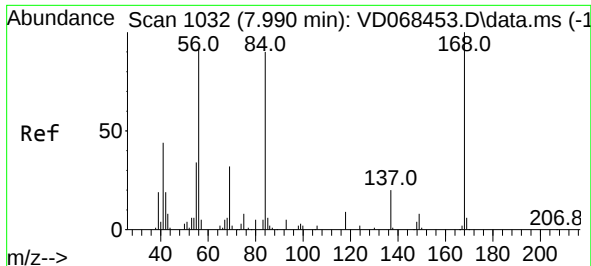
Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 35.5 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

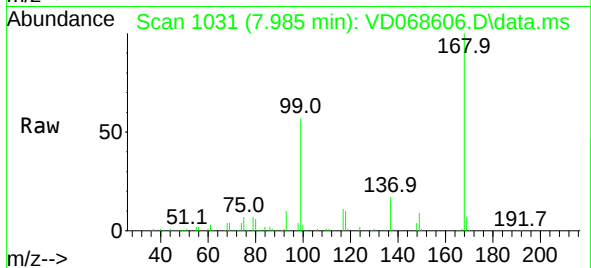
Tgt Ion: 84 Resp: 10840
Ion Ratio Lower Upper
84 100
49 89.2 77.4 116.2
51 28.3 26.1 39.1
86 70.6 51.8 77.8



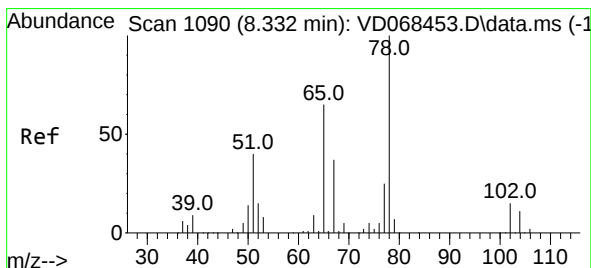
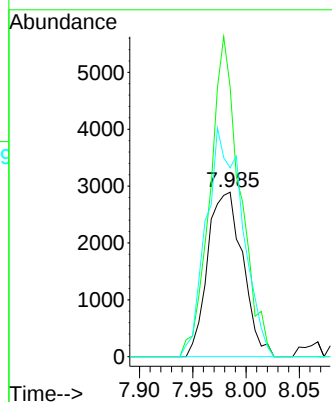
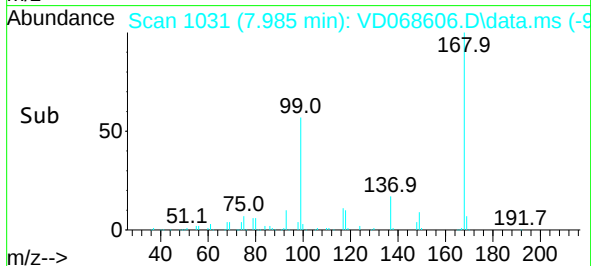


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

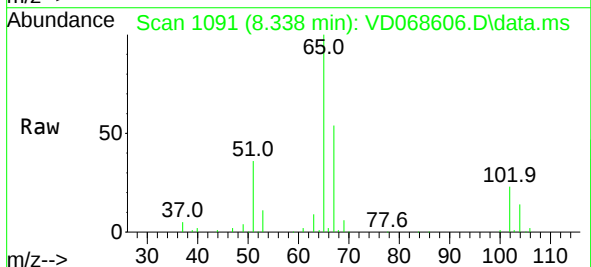
Instrument :
MSVOA_D
ClientSampled :
SP-1-3



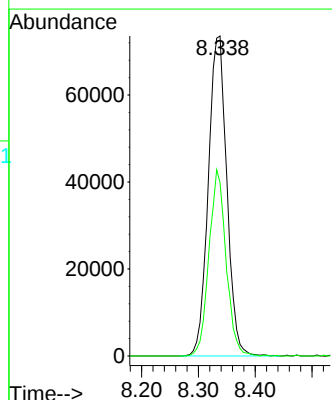
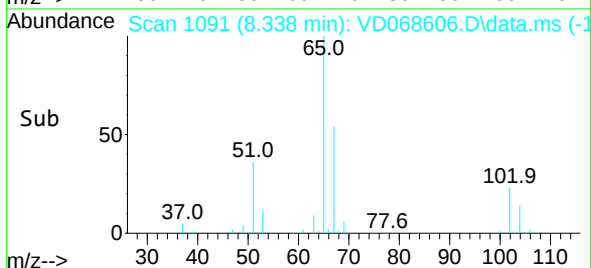
Tgt Ion: 56 Resp: 6635
Ion Ratio Lower Upper
56 100
69 164.0 30.1 45.1#
84 114.9 82.1 123.1

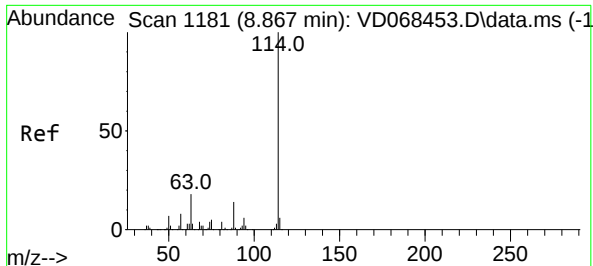


#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05



Tgt Ion: 65 Resp: 165985
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0

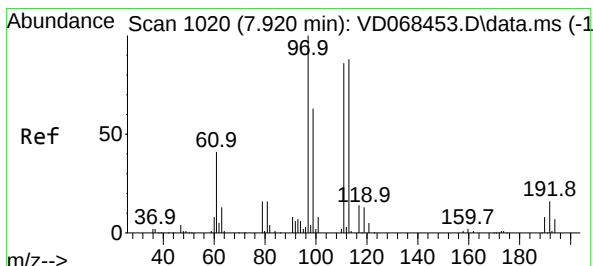
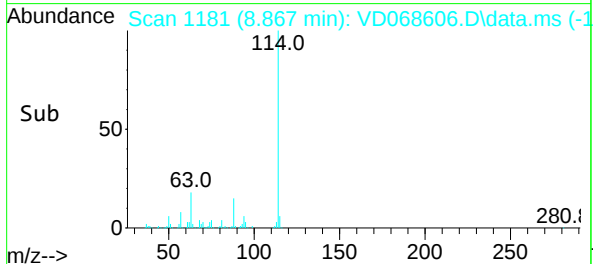
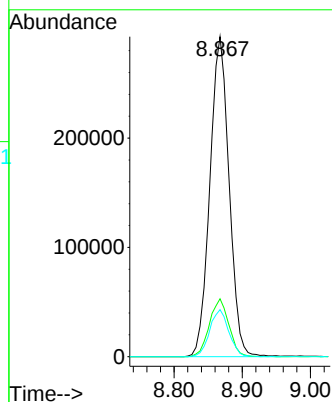
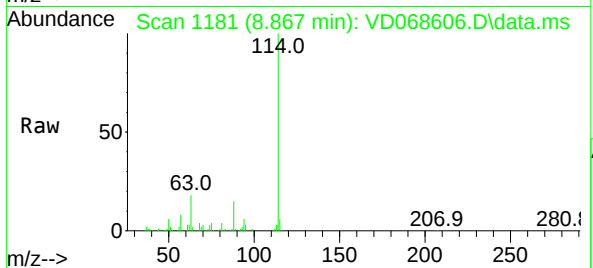




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

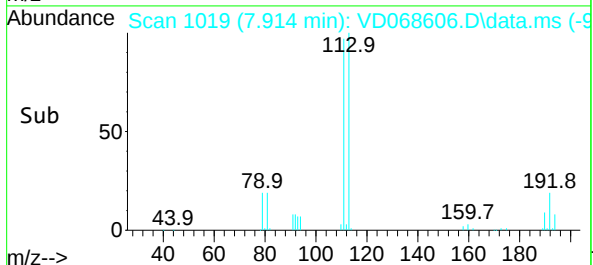
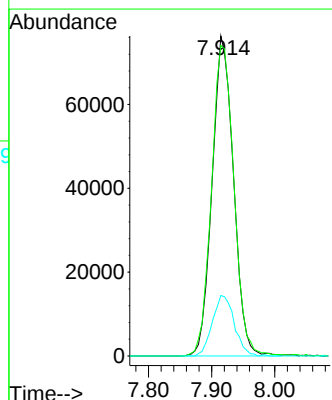
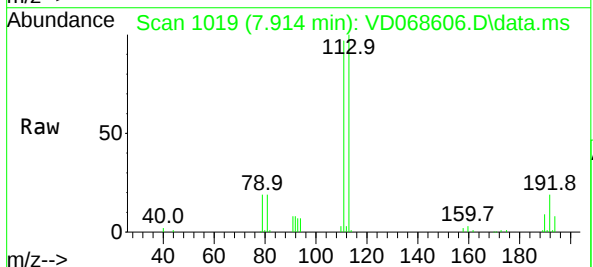
Instrument :
MSVOA_D
ClientSampled :
SP-1-3

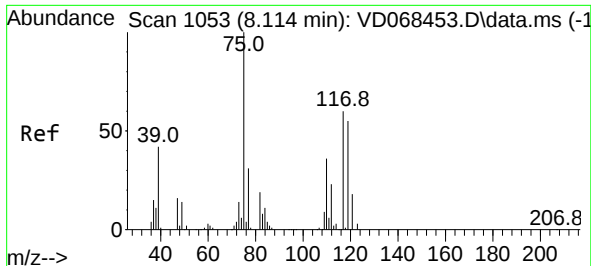
Tgt Ion:114 Resp: 574761
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 14.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion:113 Resp: 179248
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 19.4 16.1 24.1

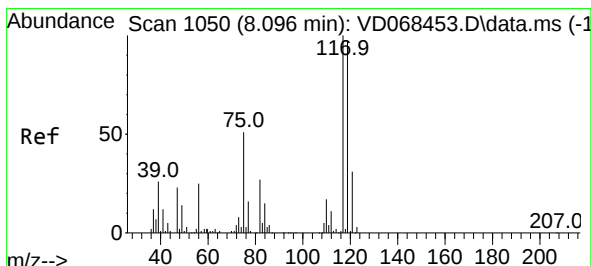
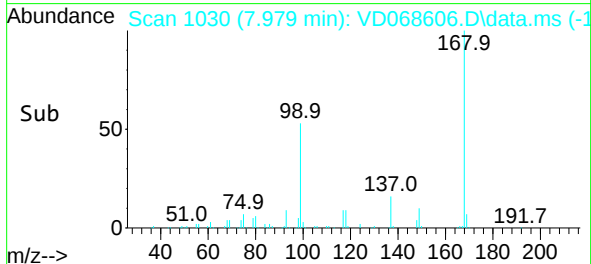
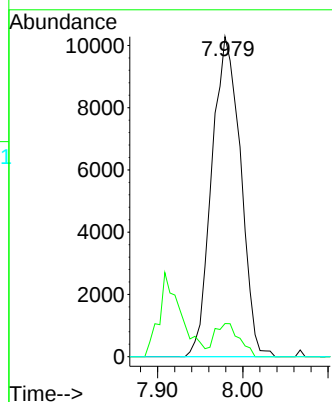
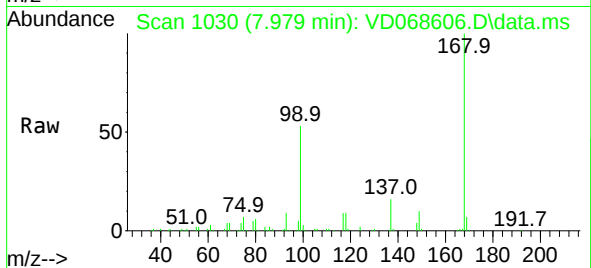




#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

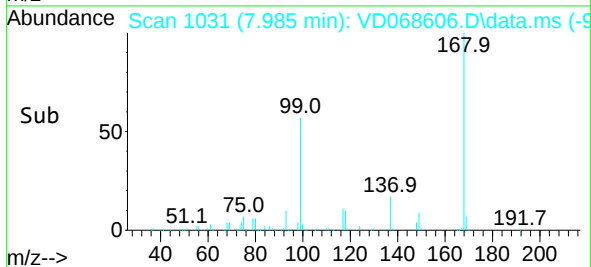
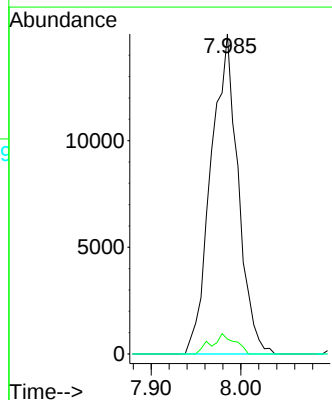
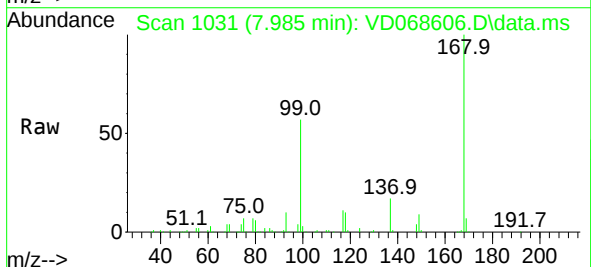
Instrument :
MSVOA_D
ClientSampled :
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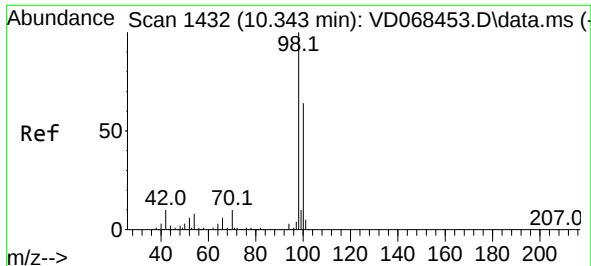
Tgt Ion: 75 Resp: 24120
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion: 117 Resp: 31449
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.7 37.1#

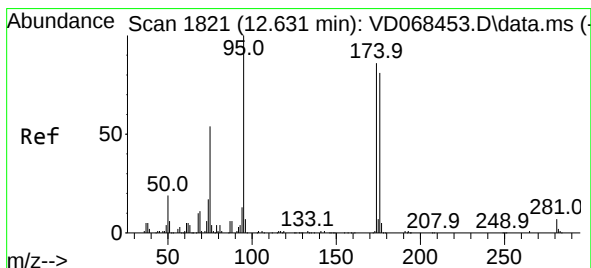
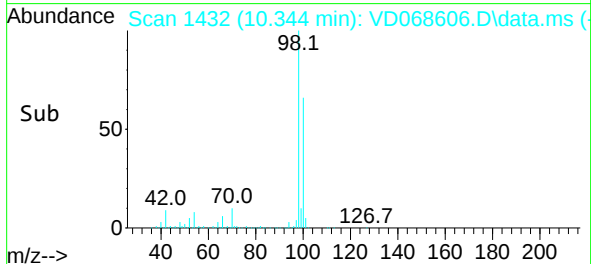
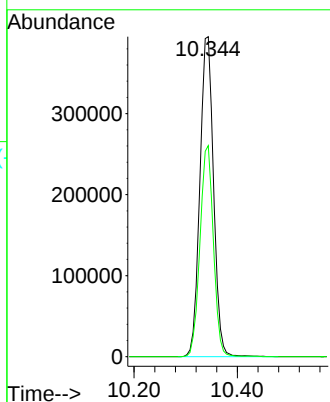
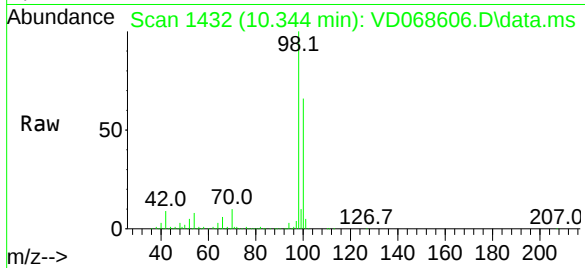




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

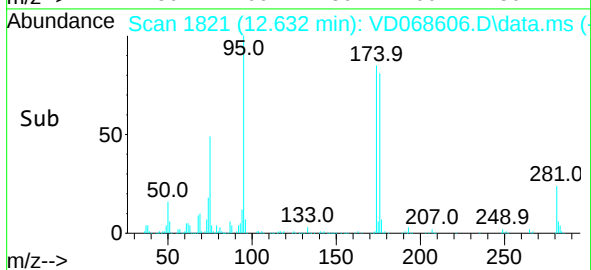
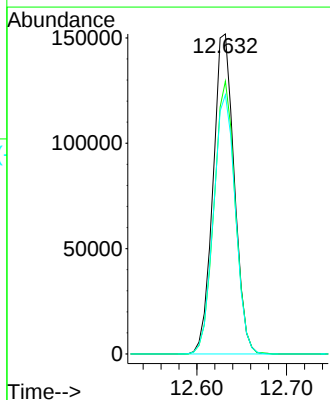
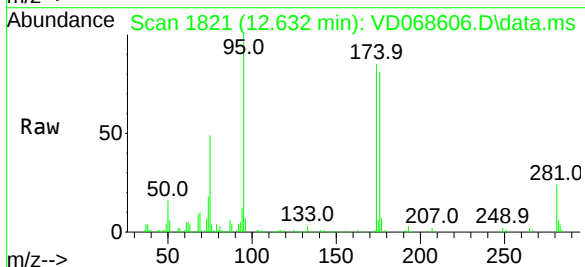
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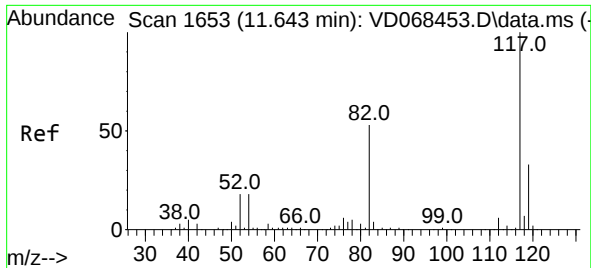
Tgt Ion: 98 Resp: 723850
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion: 95 Resp: 249424
Ion Ratio Lower Upper
95 100
174 84.9 0.0 172.4
176 83.2 0.0 168.4

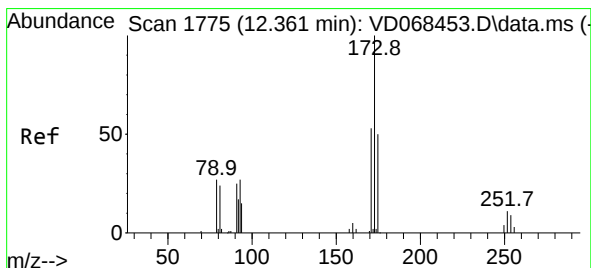
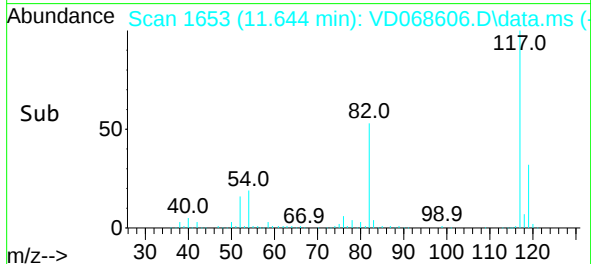
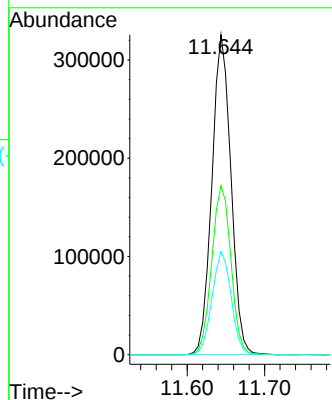
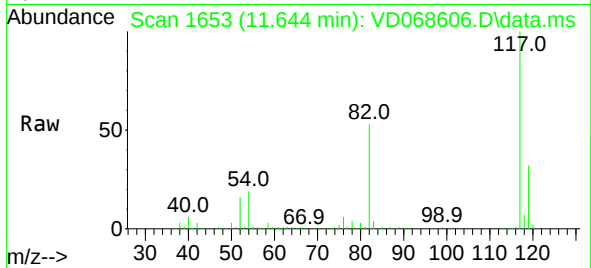




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

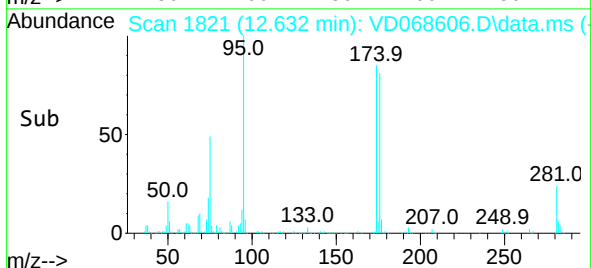
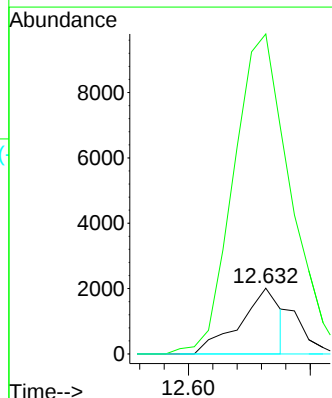
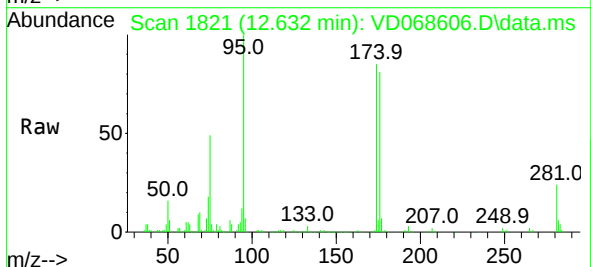
Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

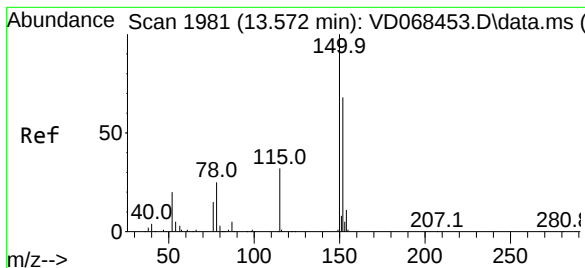
Tgt Ion:117 Resp: 556448
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.2 26.1 39.1



#71
Bromoform
Concen: 1.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

Tgt Ion:173 Resp: 2325
Ion Ratio Lower Upper
173 100
175 556.2 24.6 73.8#
254 0.0 0.0 0.0

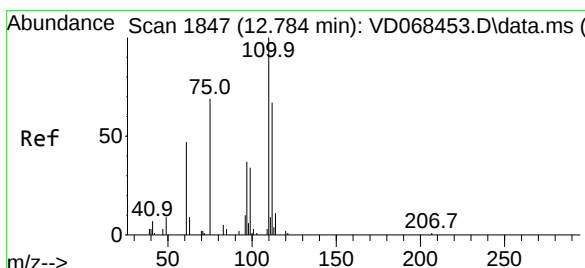
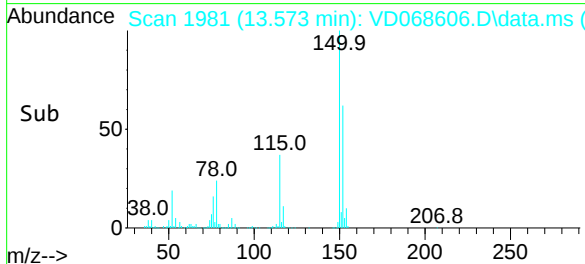
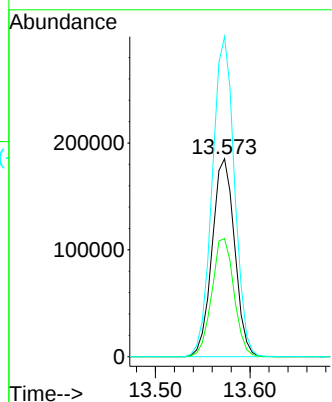
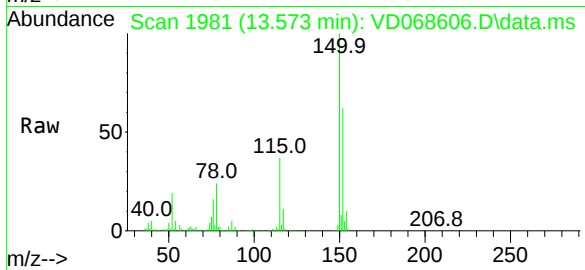




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

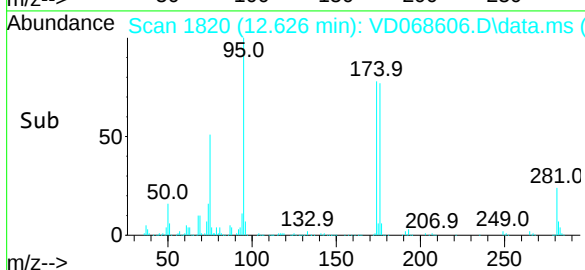
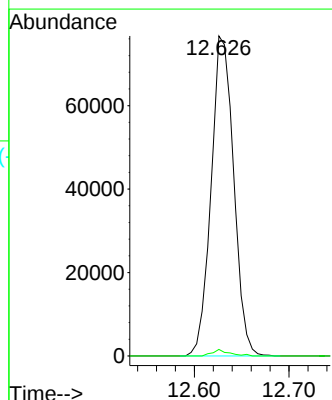
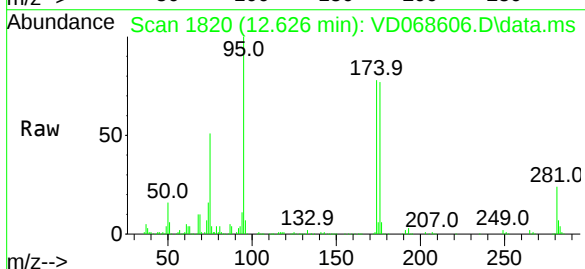
Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

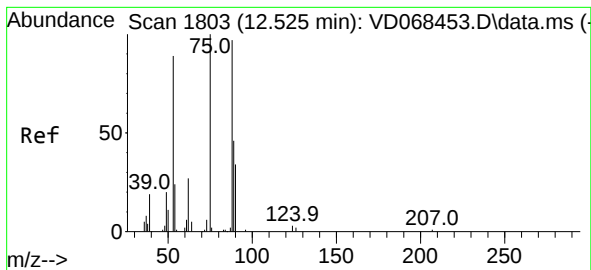
Tgt Ion:152 Resp: 306064
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 159.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 46.70 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.158 min
Lab File: VD068606.D
Acq: 12 Mar 2021 15:05

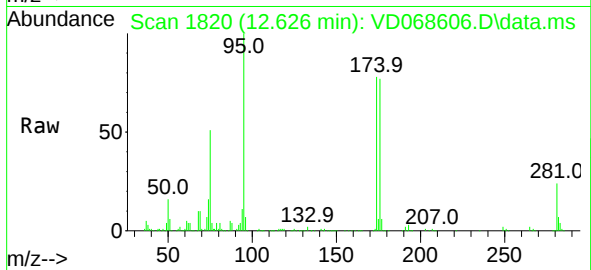
Tgt Ion: 75 Resp: 126878
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.97 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068606.D
 Acq: 12 Mar 2021 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-3



Tgt Ion: 75 Resp: 126878
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

