

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068121.D
 Acq On : 20 Jan 2021 18:55
 Operator : VA/SY
 Sample : M1179-01
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP1

Quant Time: Jan 20 23:47:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

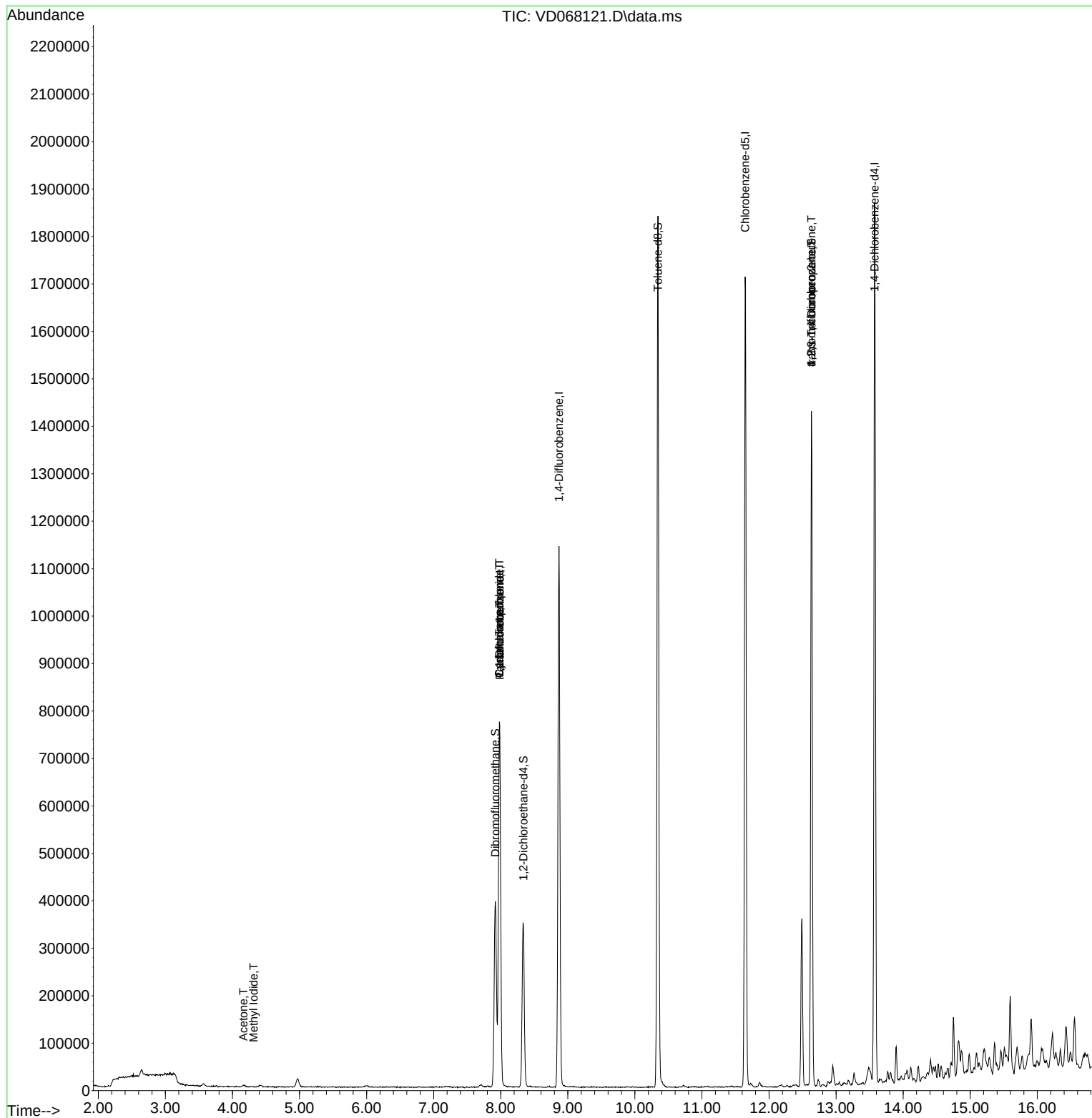
Internal Standards						
1) Pentafluorobenzene	7.985	168	591250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1013269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1007168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	488223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	284027	50.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.44%
35) Dibromofluoromethane	7.920	113	295365	52.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.46%
50) Toluene-d8	10.344	98	1270452	56.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.40%
62) 4-Bromofluorobenzene	12.632	95	500914	62.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.16%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	397	3.21	ug/l #	38
11) Tert butyl alcohol	5.220	59	216	Below Cal	#	40
16) Acetone	4.162	43	6728	6.66	ug/l #	87
20) Methylene Chloride	4.968	84	13557	Below Cal		92
31) Cyclohexane	7.979	56	12710	1.04	ug/l #	3
36) 1,1-Dichloropropene	7.979	75	46805	4.58	ug/l #	46
38) Carbon Tetrachloride	7.979	117	58713	6.14	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	255640	54.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	255640	109.58	ug/l #	13

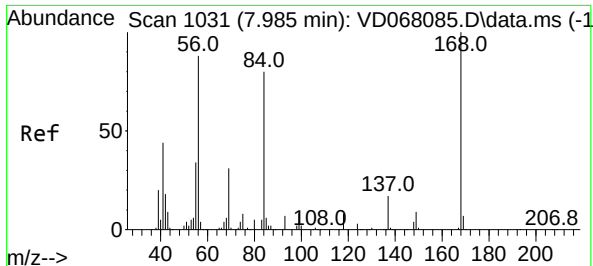
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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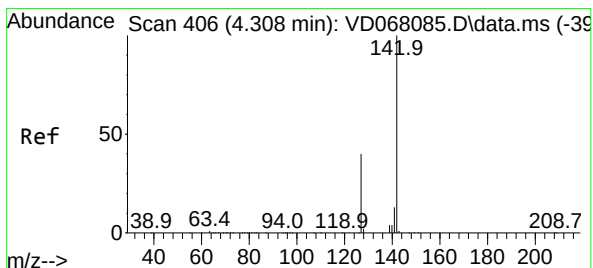
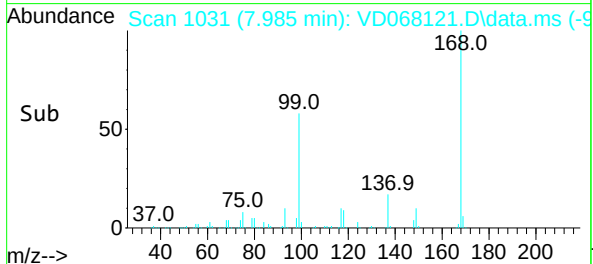
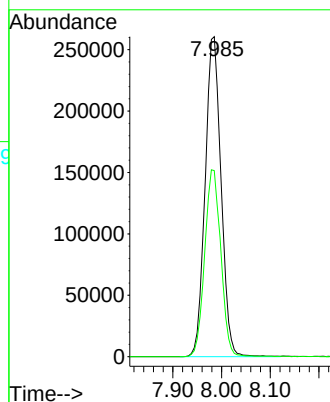
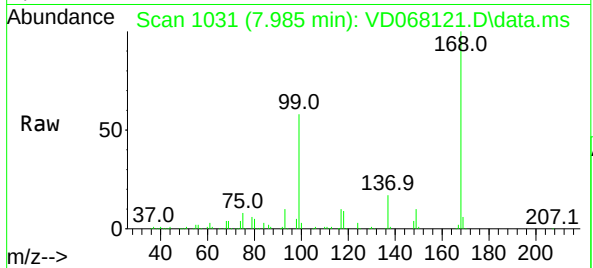




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

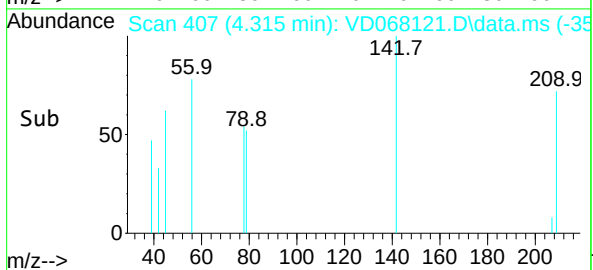
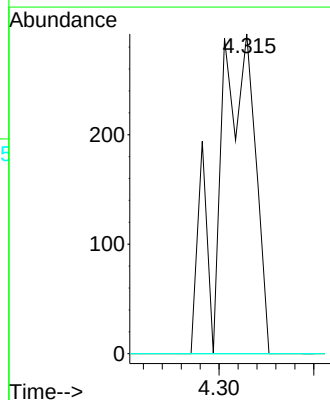
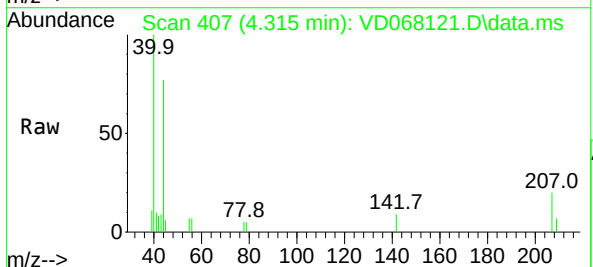
Instrument :
MSVOA_D
ClientSampled :
HS-TP1

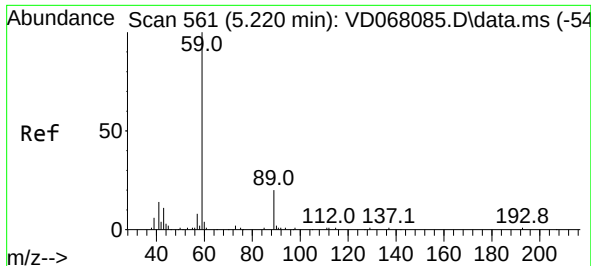
Tgt Ion:168 Resp: 591250
Ion Ratio Lower Upper
168 100
99 58.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.21 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



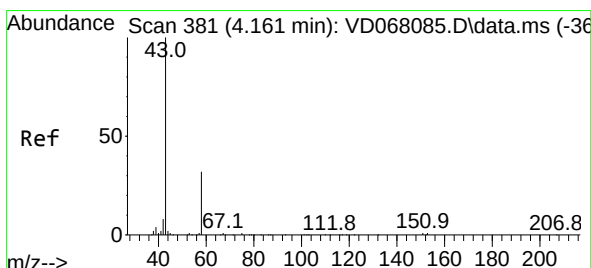
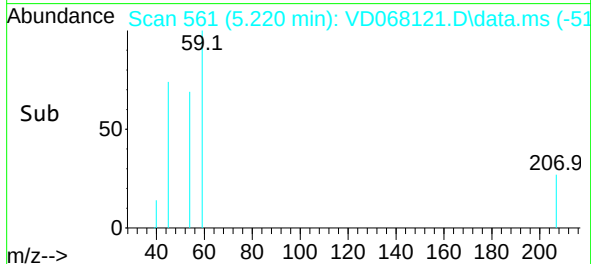
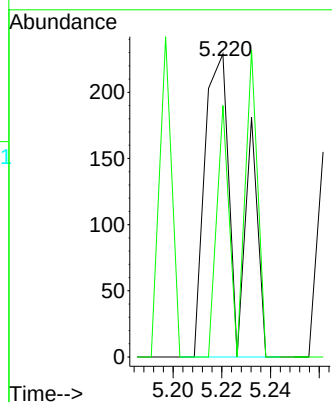
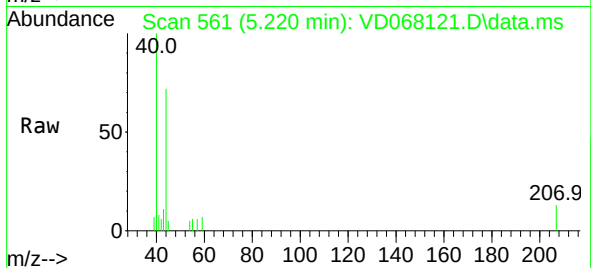


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

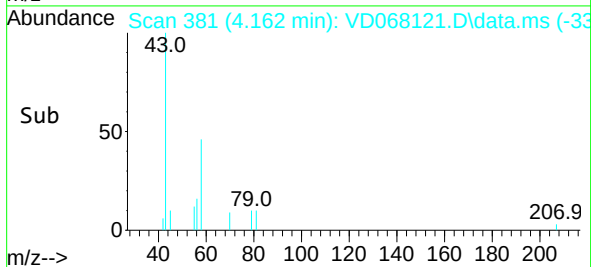
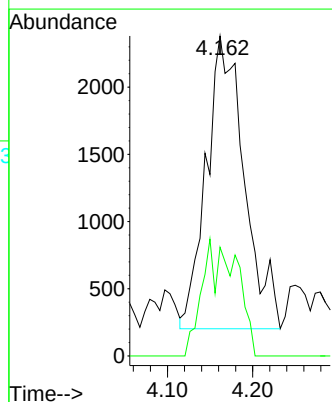
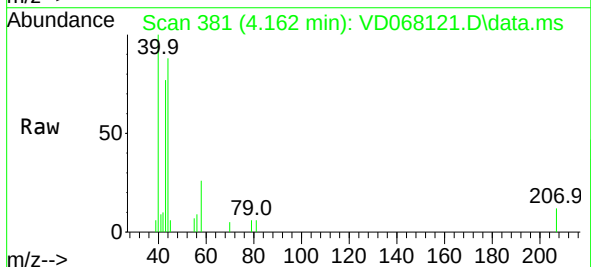
Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 31.0 7.4 11.2#

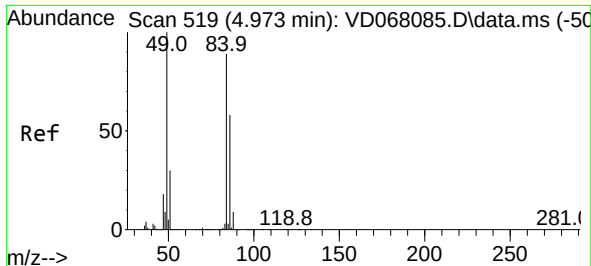


#16

Acetone
Concen: 6.66 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
58 37.1 24.2 36.4#

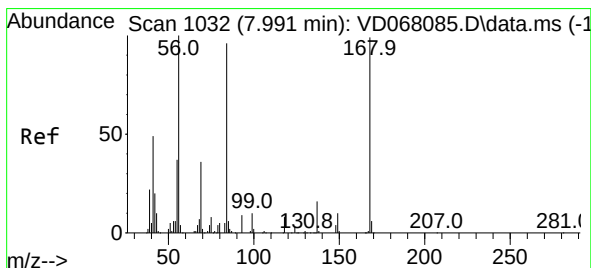
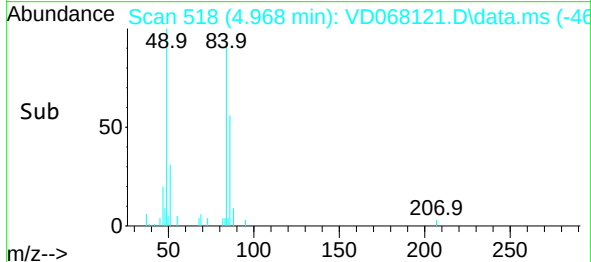
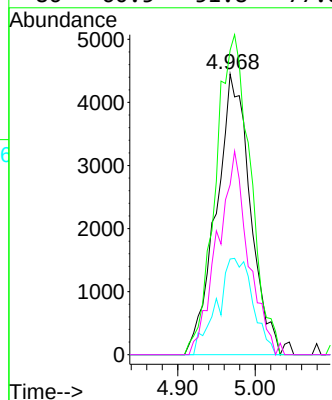
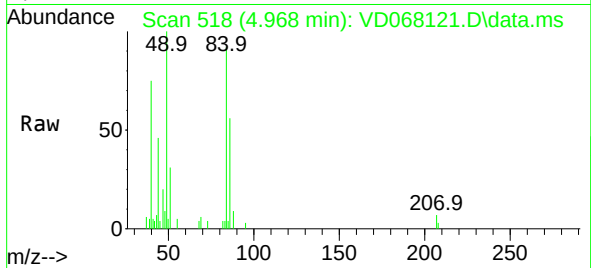




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

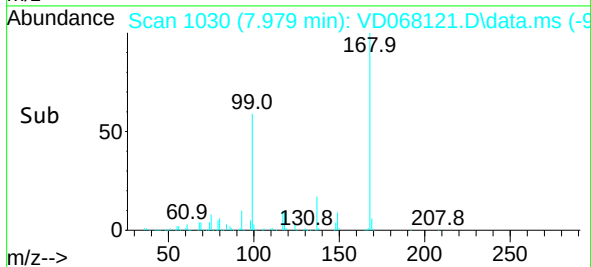
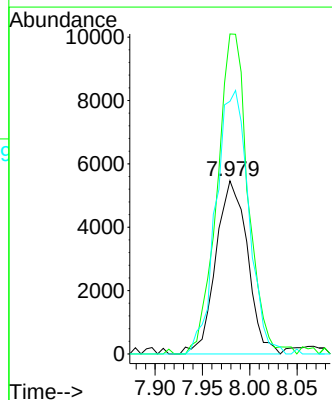
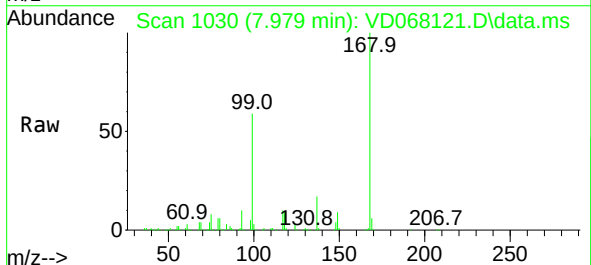
Instrument :
MSVOA_D
ClientSampled :
HS-TP1

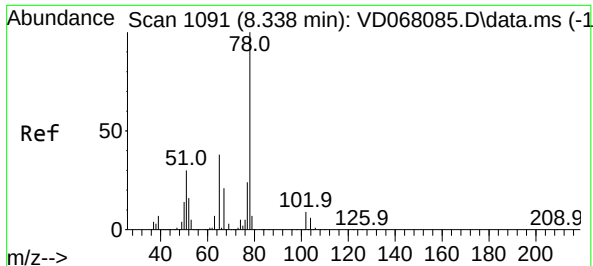
Tgt Ion:	84	Resp:	13557
Ion	Ratio	Lower	Upper
84	100		
49	108.5	77.4	116.2
51	34.1	26.1	39.1
86	60.5	51.8	77.8



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion:	56	Resp:	12710
Ion	Ratio	Lower	Upper
56	100		
69	184.8	30.1	45.1#
84	145.9	82.1	123.1#

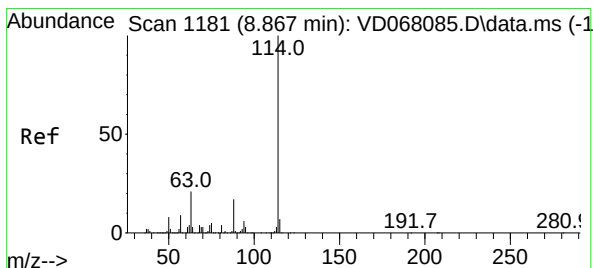
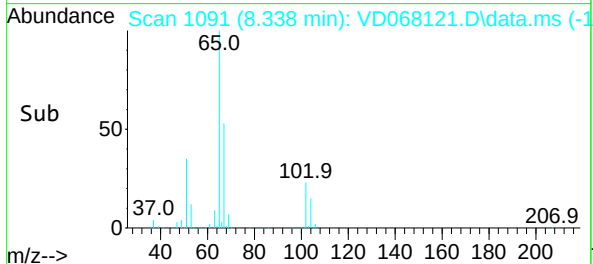
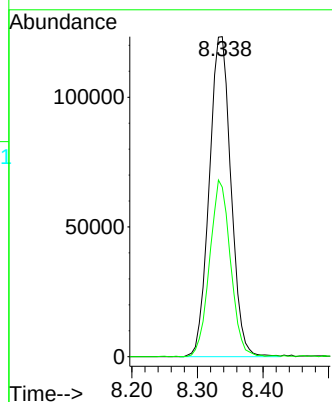
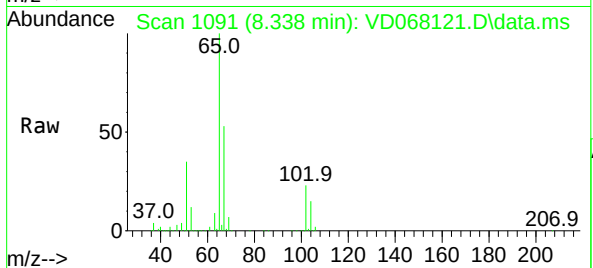




#33
 1,2-Dichloroethane-d4
 Concen: 50.22 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068121.D
 Acq: 20 Jan 2021 18:55

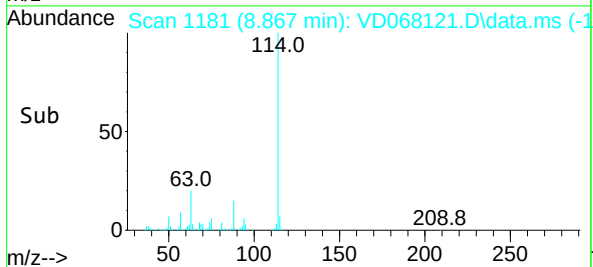
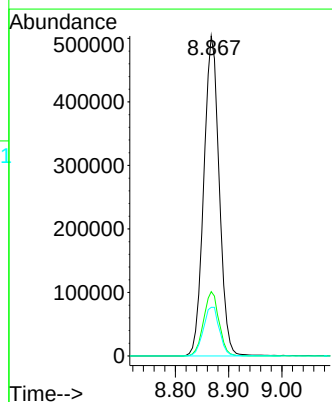
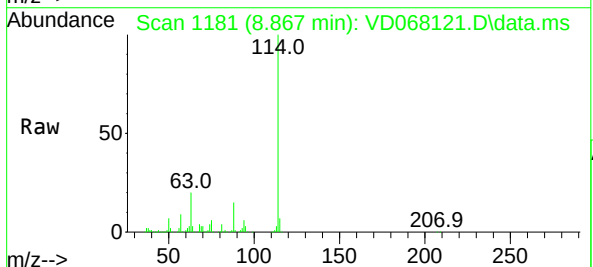
Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP1

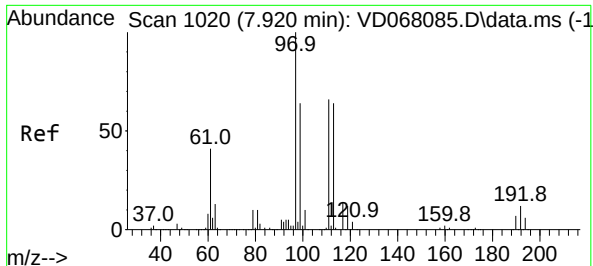
Tgt Ion: 65 Resp: 284027
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068121.D
 Acq: 20 Jan 2021 18:55

Tgt Ion: 114 Resp: 1013269
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 34.8
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.73 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068121.D

Acq: 20 Jan 2021 18:55

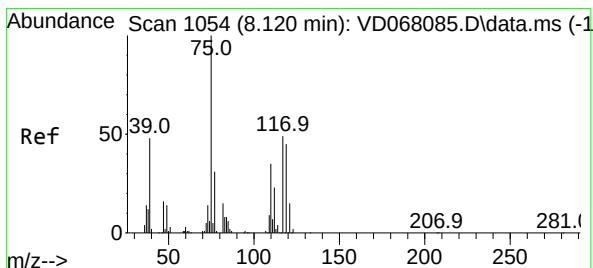
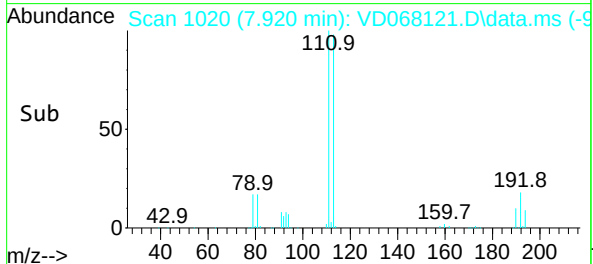
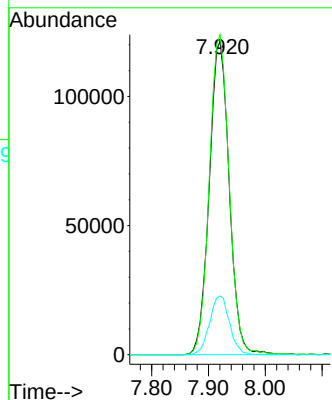
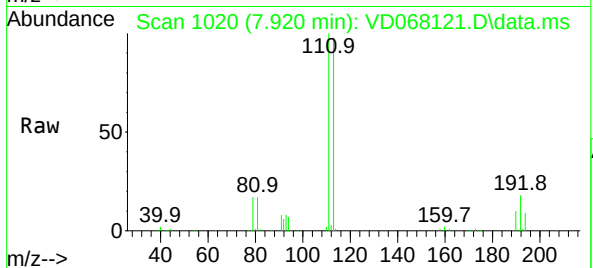
Tgt Ion:113 Resp: 295365

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 18.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068121.D

Acq: 20 Jan 2021 18:55

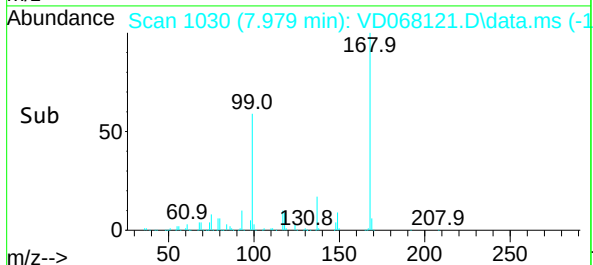
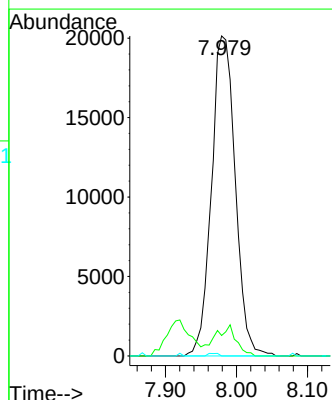
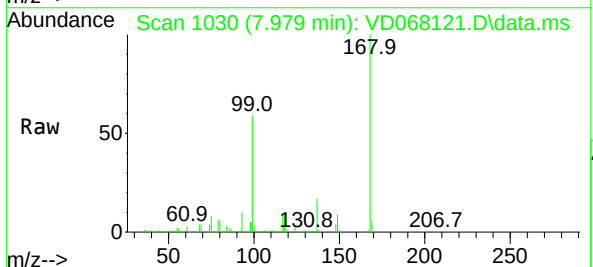
Tgt Ion: 75 Resp: 46805

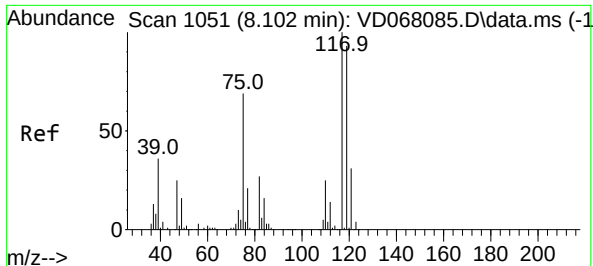
Ion Ratio Lower Upper

75 100

110 7.7 19.4 58.2#

77 0.0 25.3 37.9#

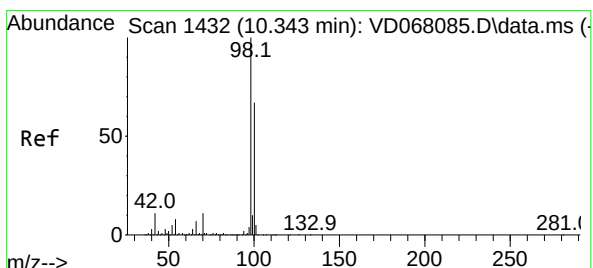
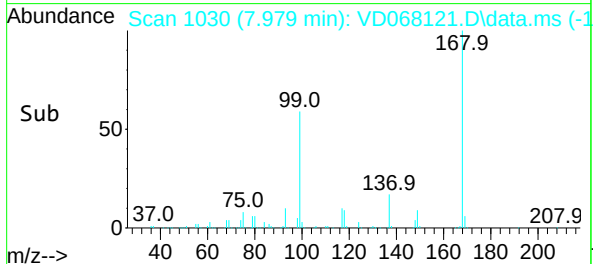
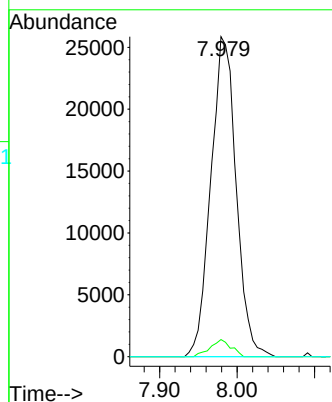
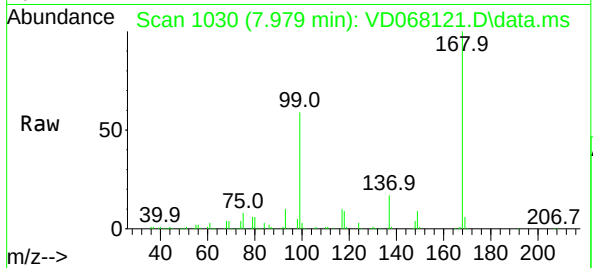




#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

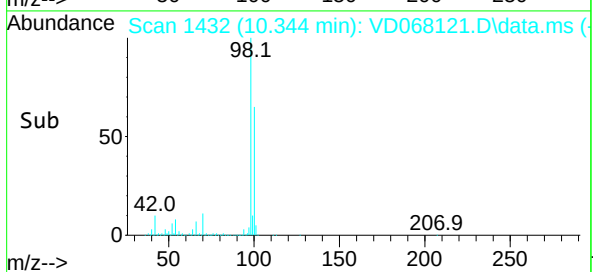
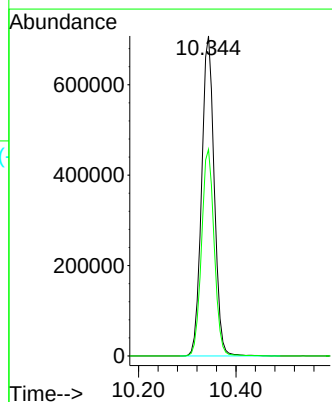
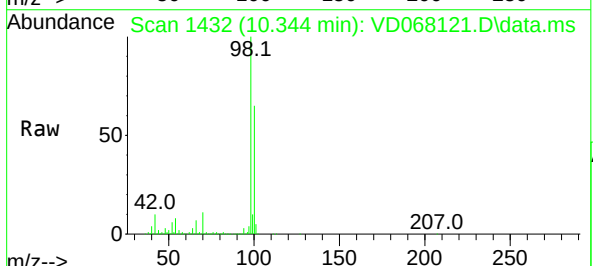
Instrument :
MSVOA_D
ClientSampled :
HS-TP1

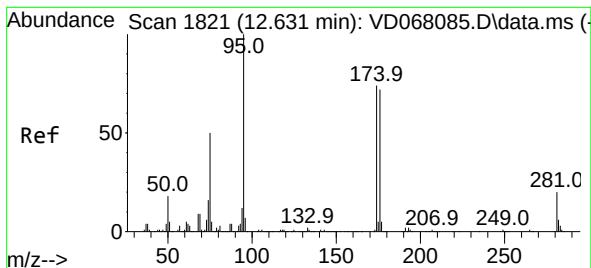
Tgt Ion:117 Resp: 58713
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.70 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 98 Resp: 1270452
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4

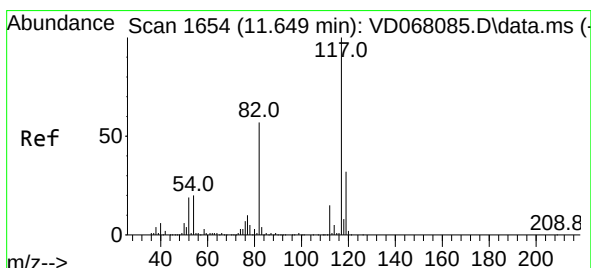
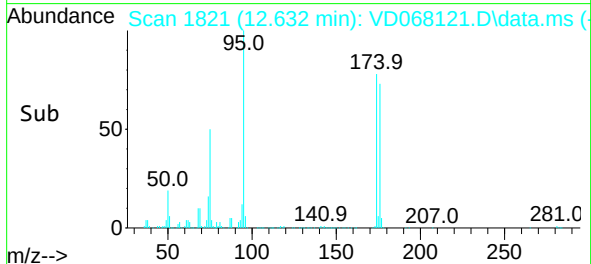
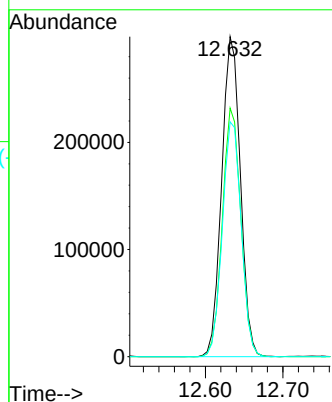
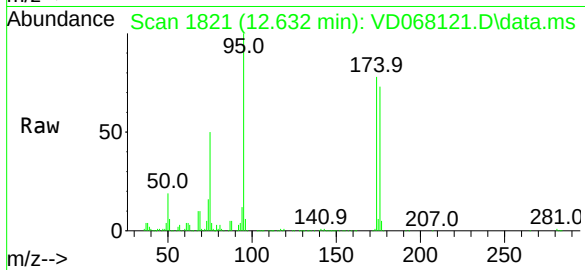




#62
4-Bromofluorobenzene
Concen: 62.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

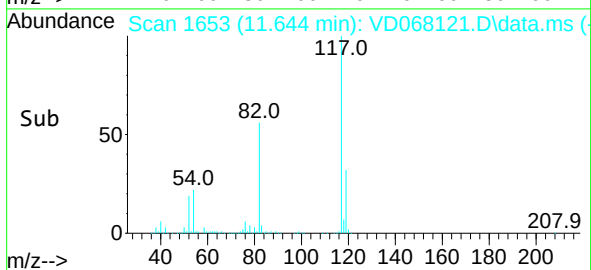
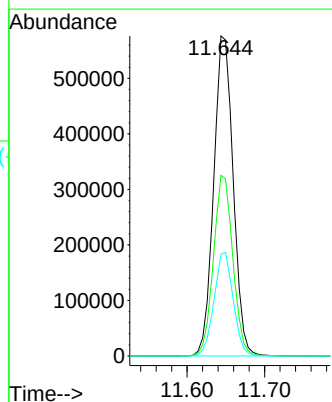
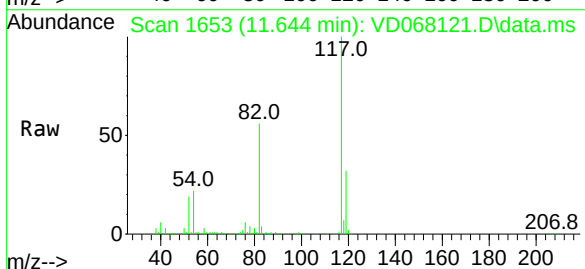
Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

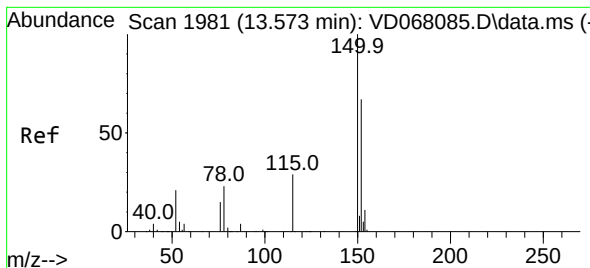
Tgt Ion: 95 Resp: 500914
Ion Ratio Lower Upper
95 100
174 76.9 0.0 172.4
176 73.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 117 Resp: 1007168
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 31.8 26.1 39.1

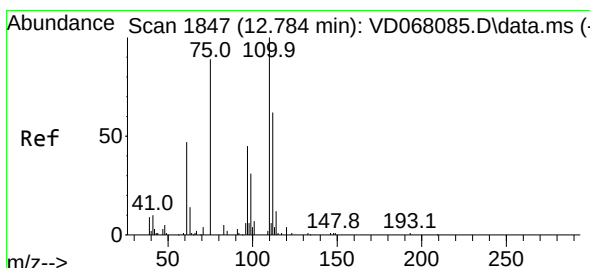
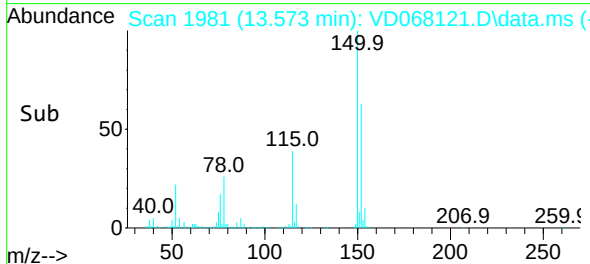
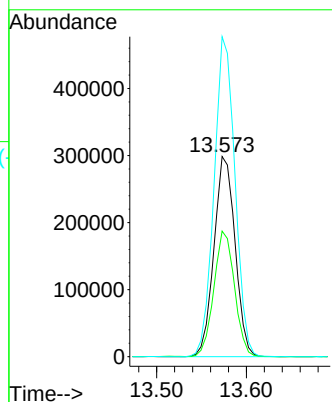
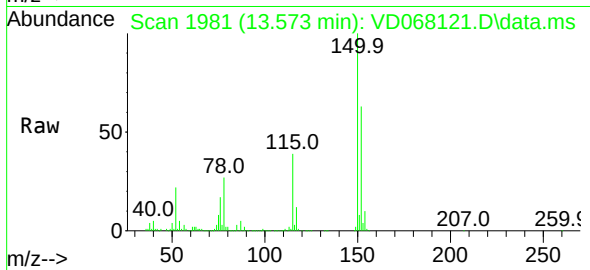




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

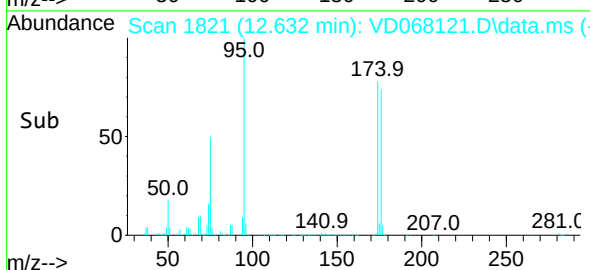
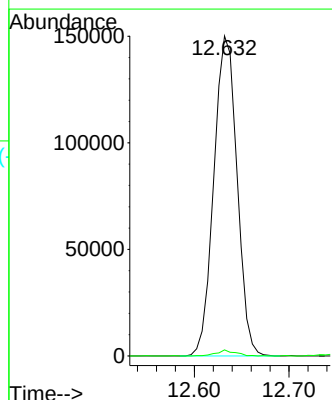
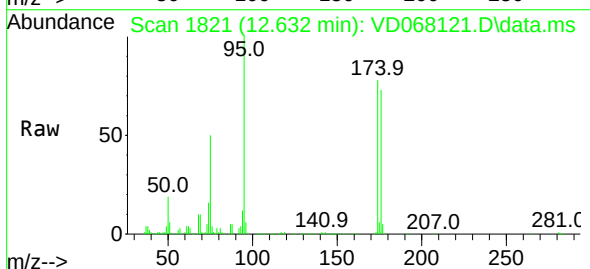
Instrument :
MSVOA_D
ClientSampleId :
HS-TP1

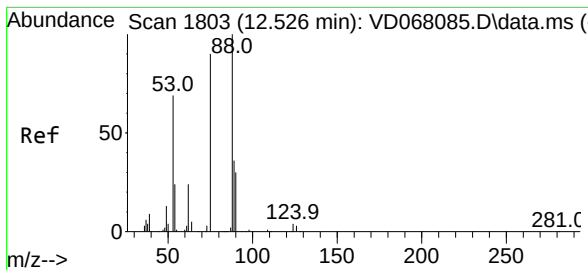
Tgt Ion:152 Resp: 488223
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.8
150 158.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068121.D
Acq: 20 Jan 2021 18:55

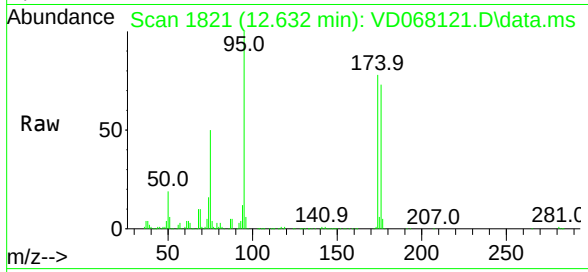
Tgt Ion: 75 Resp: 255640
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.58 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068121.D
 Acq: 20 Jan 2021 18:55

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP1



Tgt Ion: 75 Resp: 255640
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

