

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068243.D
 Acq On : 29 Jan 2021 16:48
 Operator : VA/SY
 Sample : M1286-12
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JJ BH 02 2-4

Quant Time: Jan 30 00:03:51 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)

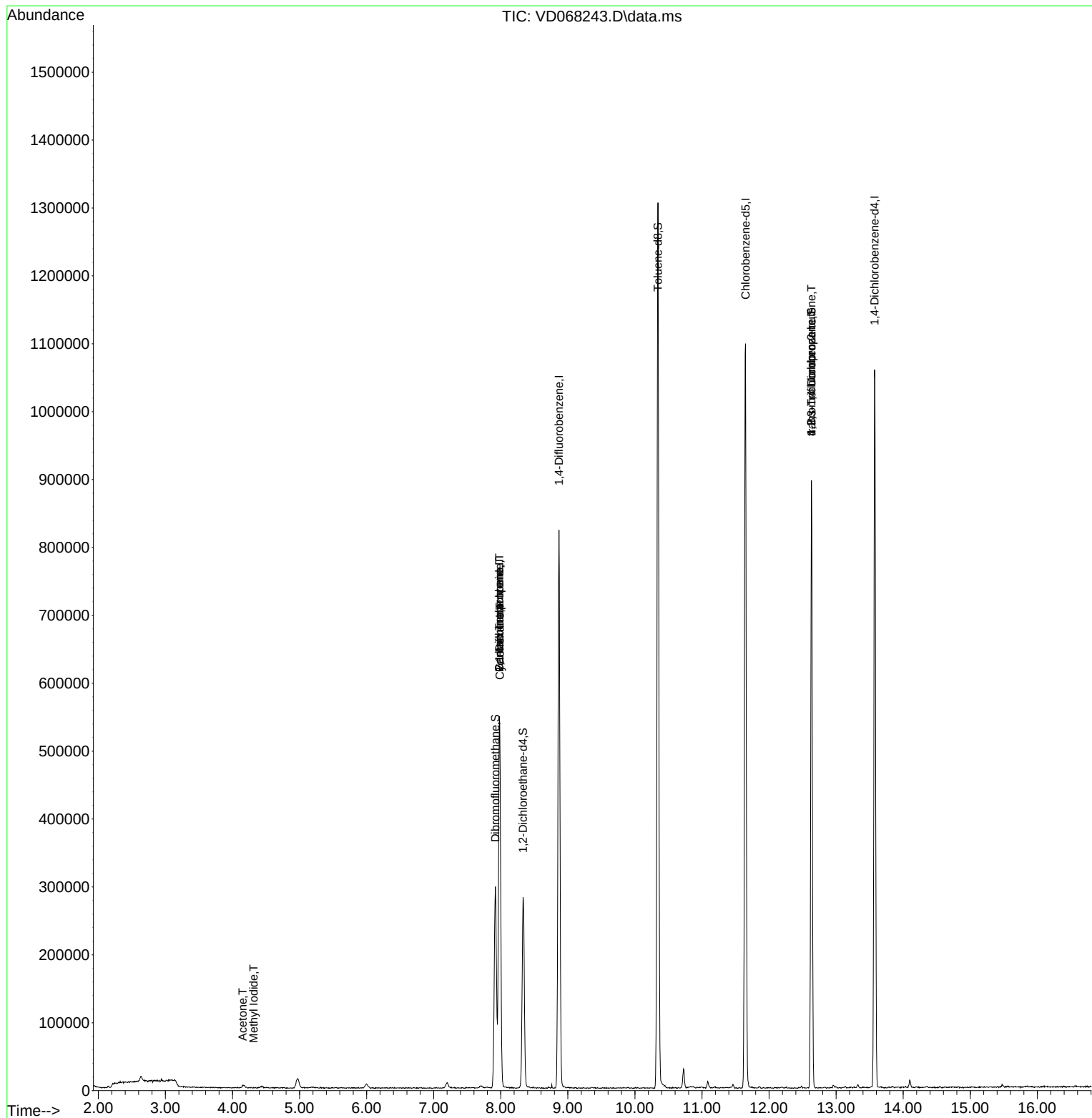
Internal Standards						
1) Pentafluorobenzene	7.979	168	418077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	731251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	653806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	287049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	228124	57.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.08%			
35) Dibromofluoromethane	7.920	113	217650	53.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.68%			
50) Toluene-d8	10.344	98	919806	56.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.76%			
62) 4-Bromofluorobenzene	12.632	95	294735	50.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.22%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	158	3.19	ug/l #	38
11) Tert butyl alcohol	5.185	59	936	Below Cal	#	74
16) Acetone	4.150	43	7425	10.40	ug/l #	85
20) Methylene Chloride	4.973	84	11748	Below Cal	#	87
31) Cyclohexane	7.985	56	9804	1.13	ug/l #	46
36) 1,1-Dichloropropene	7.979	75	34286	4.65	ug/l #	48
38) Carbon Tetrachloride	7.979	117	42586	6.17	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	149724	53.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	149724	109.16	ug/l #	13

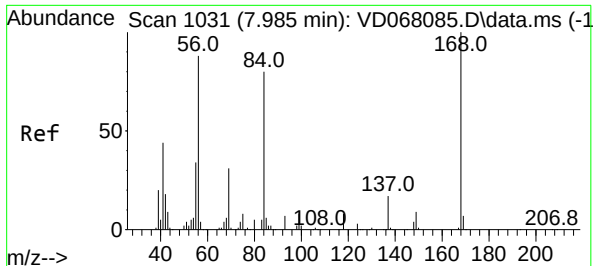
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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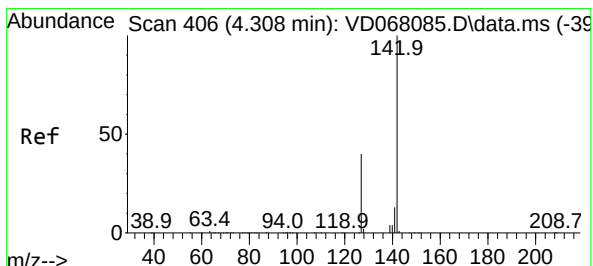
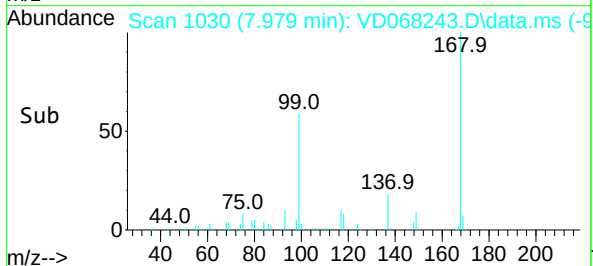
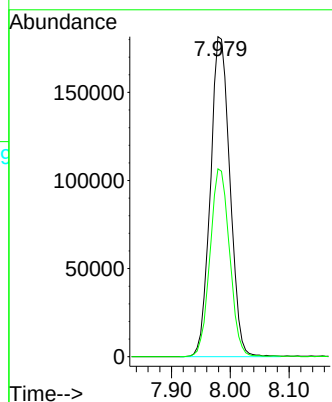
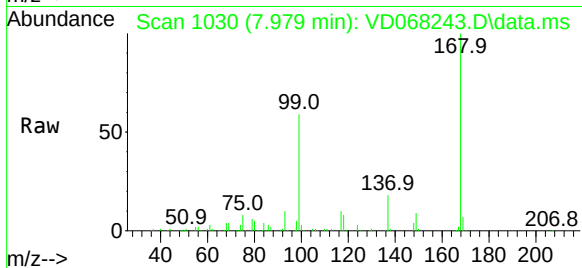




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

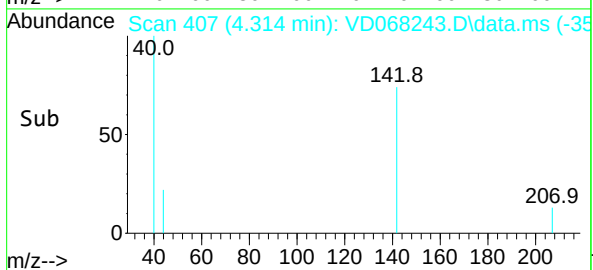
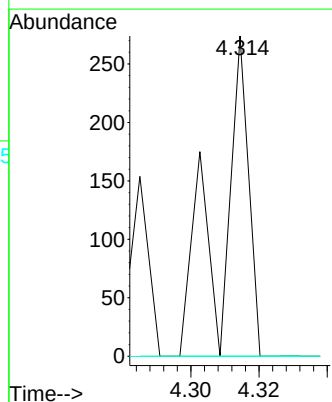
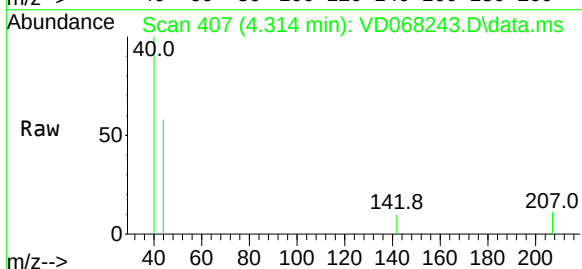
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

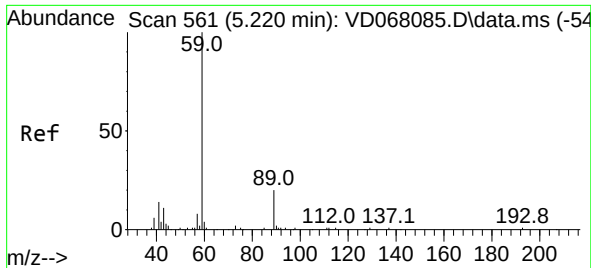
Tgt Ion:168 Resp: 418077
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

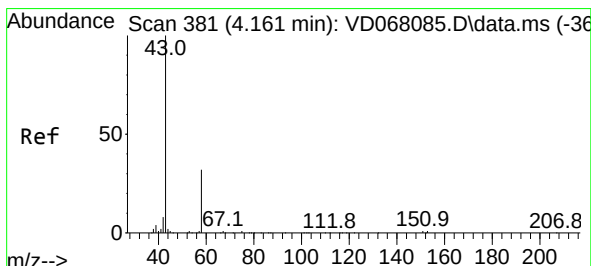
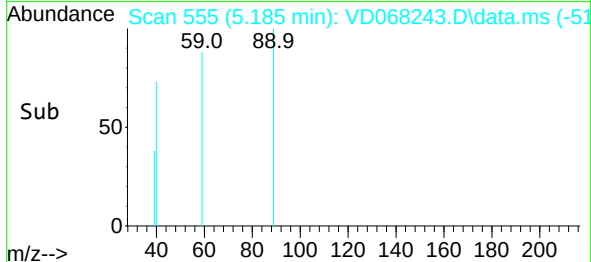
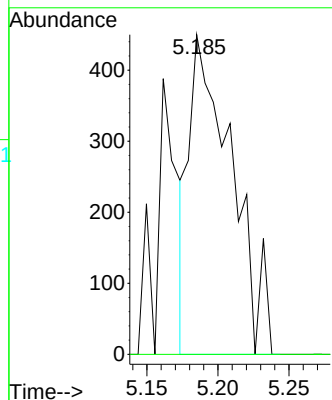
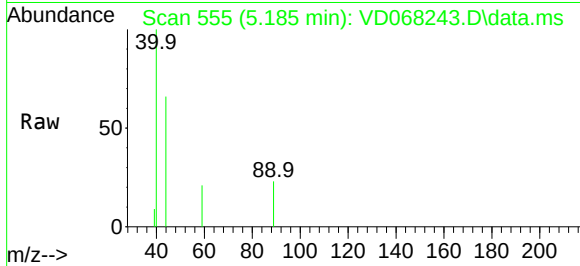




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

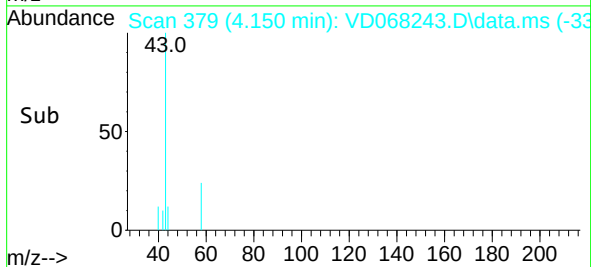
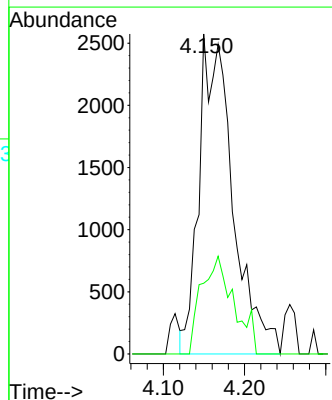
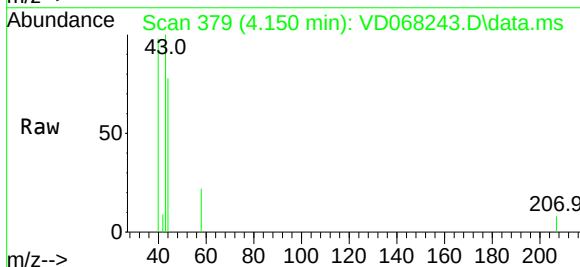
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

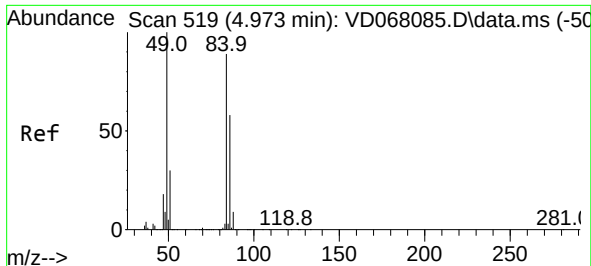
Tgt Ion: 59 Resp: 936
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 10.40 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion: 43 Resp: 7425
Ion Ratio Lower Upper
43 100
58 22.1 24.2 36.4#

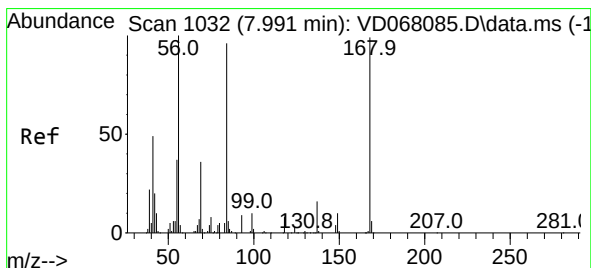
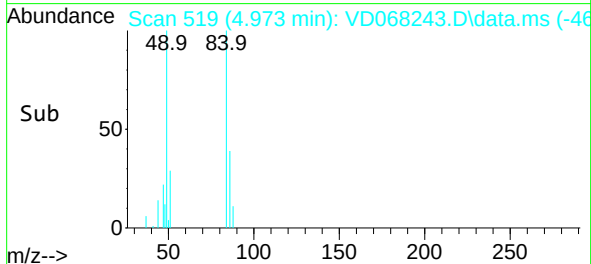
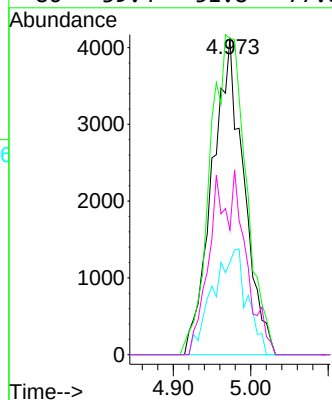
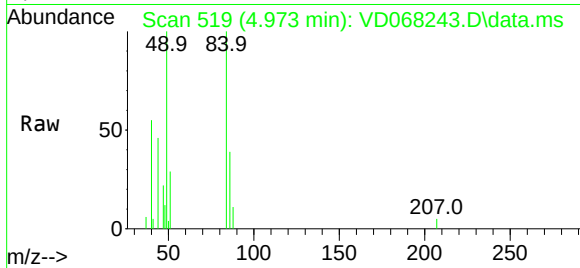




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

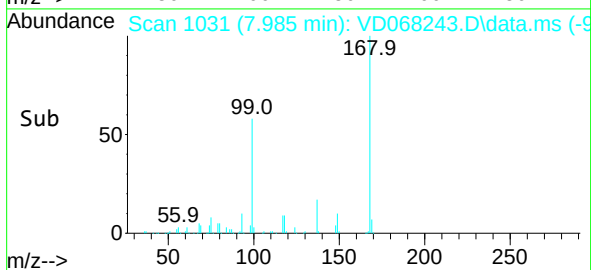
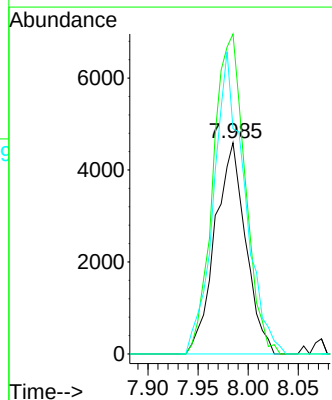
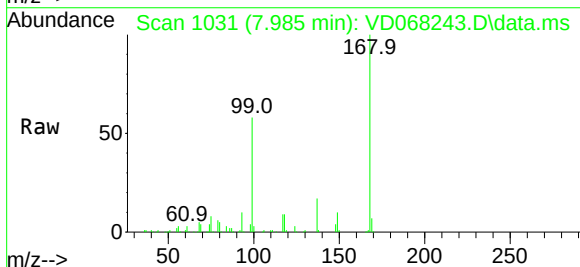
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

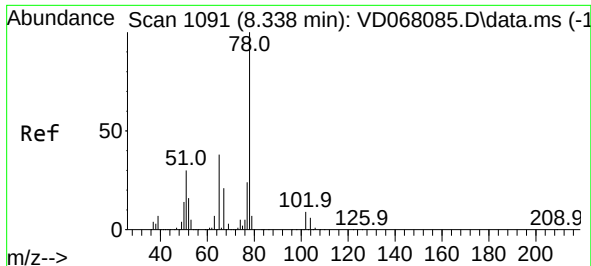
Tgt Ion:	84	Resp:	11748
Ion	Ratio	Lower	Upper
84	100		
49	99.8	77.4	116.2
51	29.1	26.1	39.1
86	39.4	51.8	77.8#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion:	56	Resp:	9804
Ion	Ratio	Lower	Upper
56	100		
69	151.5	30.1	45.1#
84	106.7	82.1	123.1

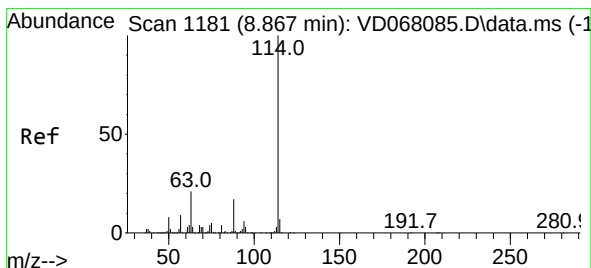
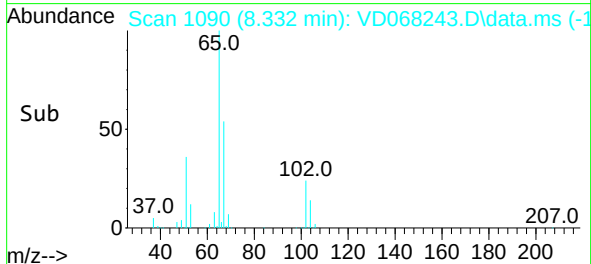
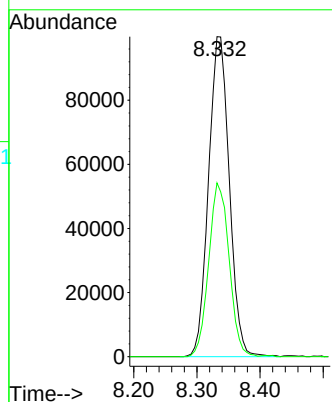
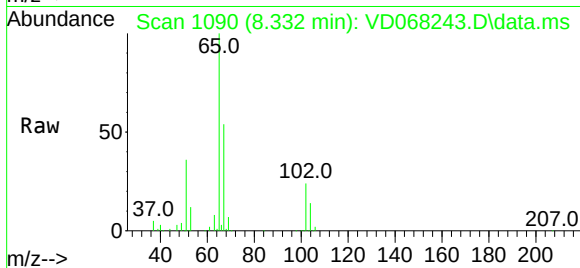




#33
1,2-Dichloroethane-d4
Concen: 57.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

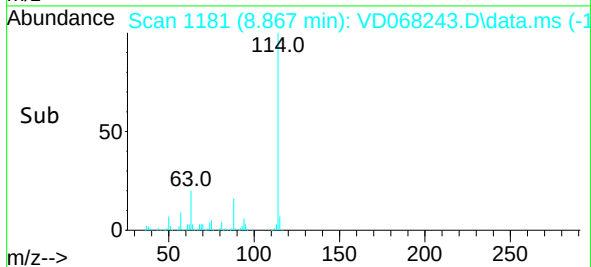
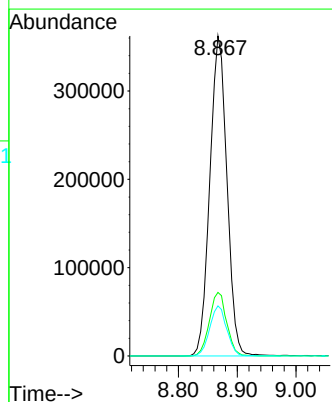
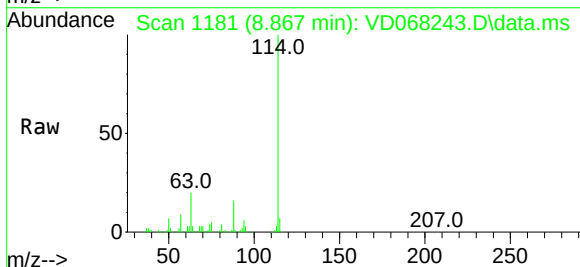
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

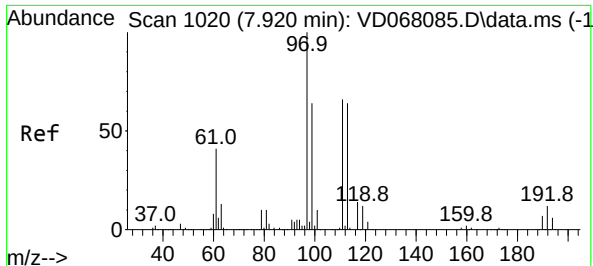
Tgt Ion: 65 Resp: 228124
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion: 114 Resp: 731251
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.84 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068243.D

Acq: 29 Jan 2021 16:48

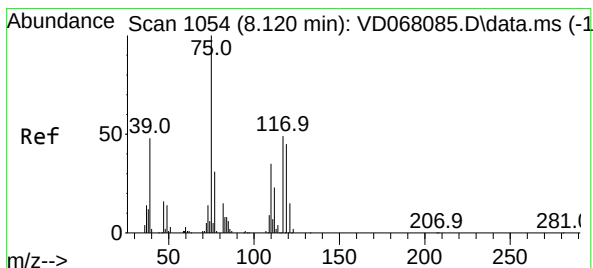
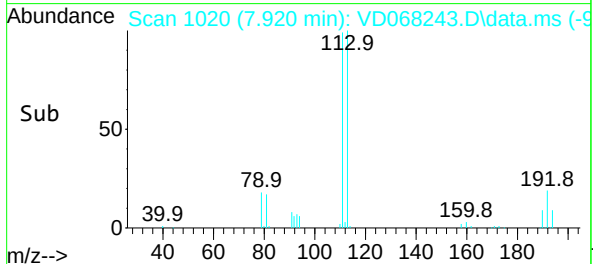
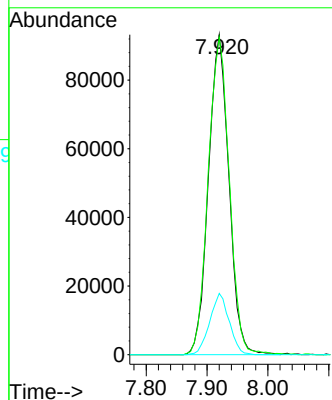
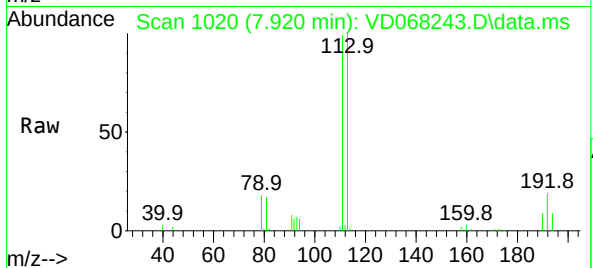
Tgt Ion:113 Resp: 217650

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.65 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068243.D

Acq: 29 Jan 2021 16:48

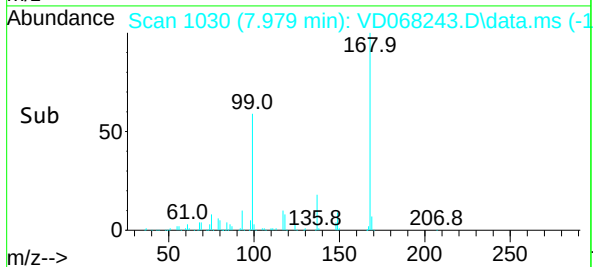
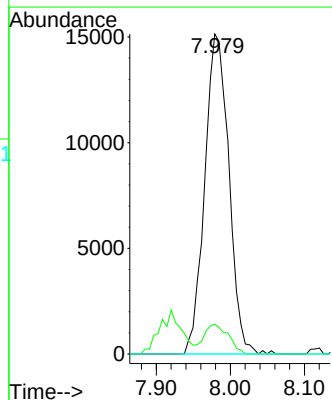
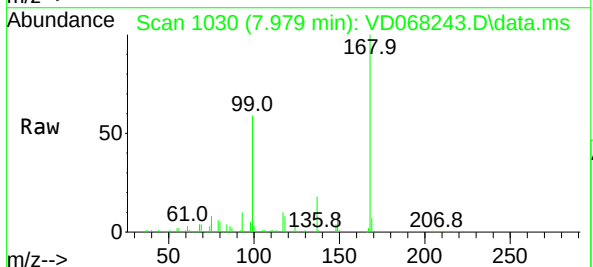
Tgt Ion: 75 Resp: 34286

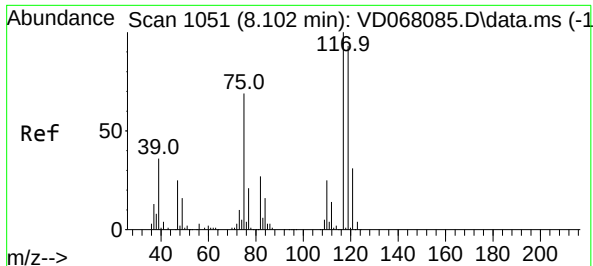
Ion Ratio Lower Upper

75 100

110 9.5 19.4 58.2#

77 0.0 25.3 37.9#

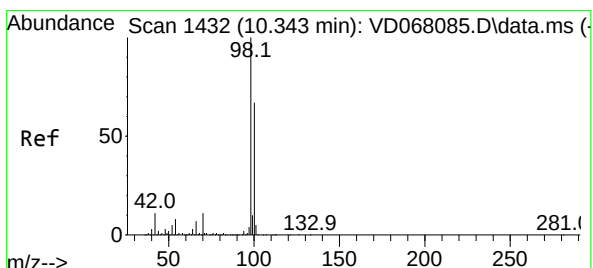
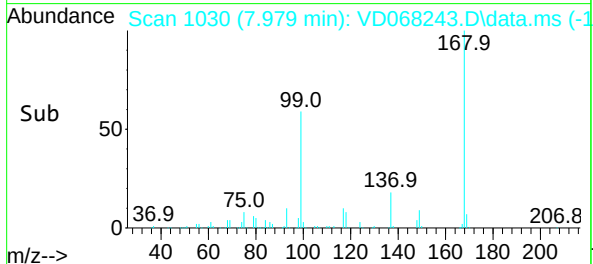
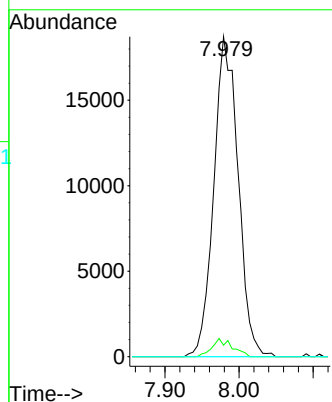
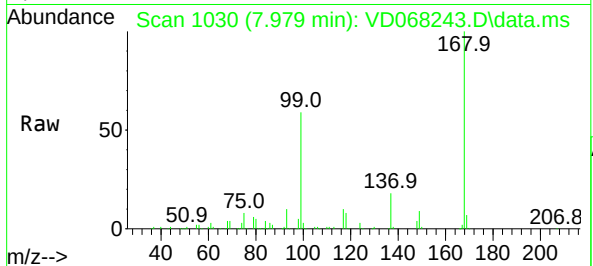




#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

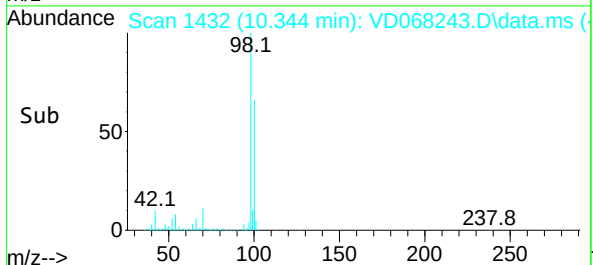
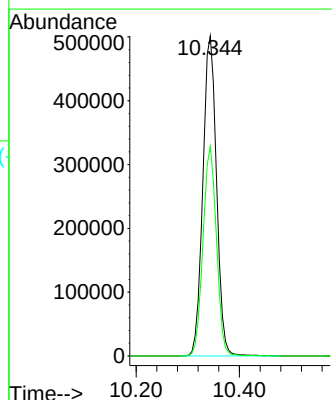
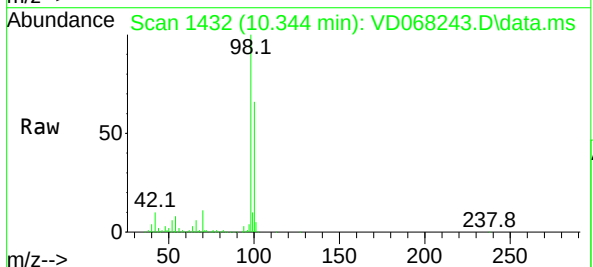
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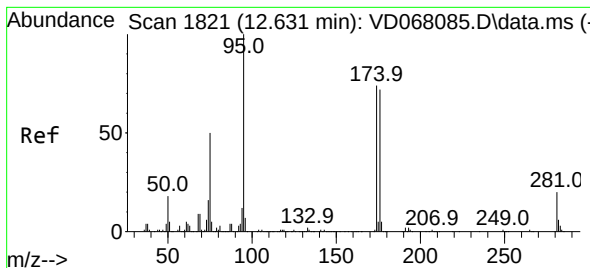
Tgt Ion:117 Resp: 42586
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.88 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion: 98 Resp: 919806
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

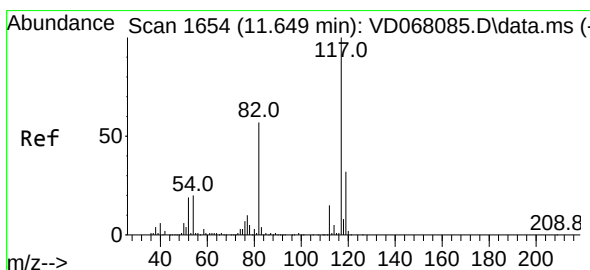
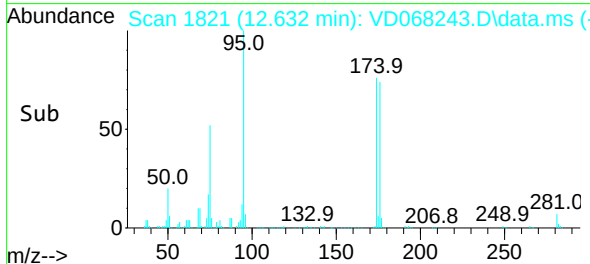
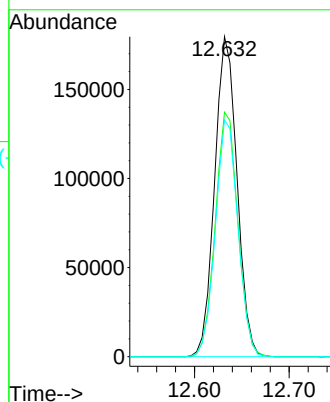
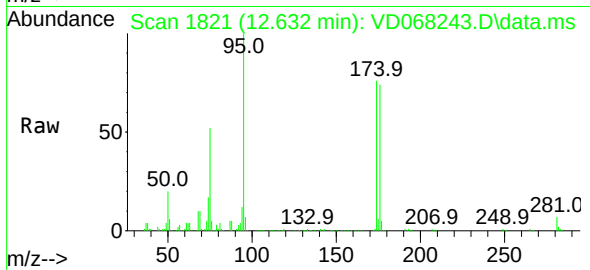




#62
4-Bromofluorobenzene
Concen: 50.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

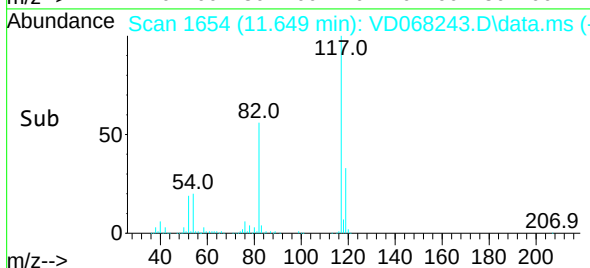
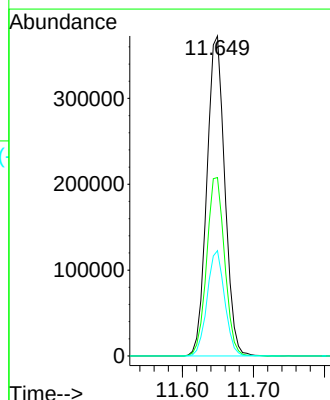
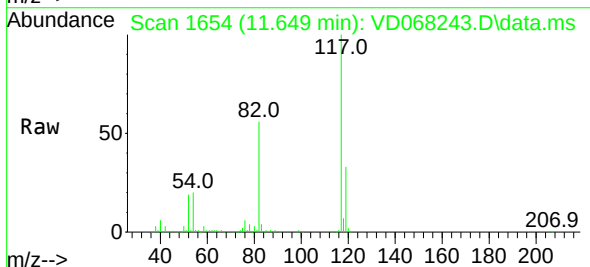
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

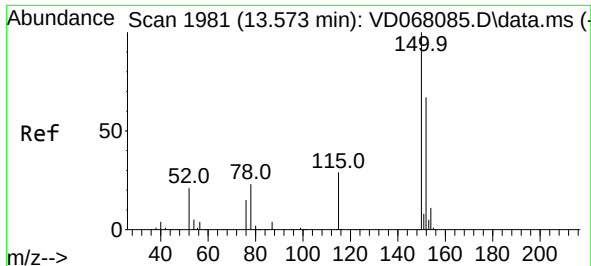
Tgt Ion: 95 Resp: 294735
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 74.7 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

Tgt Ion: 117 Resp: 653806
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 32.9 26.1 39.1

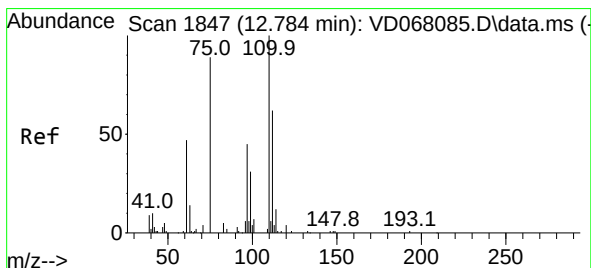
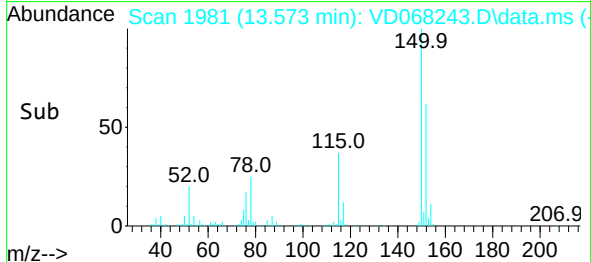
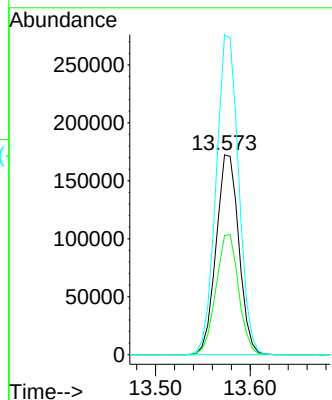
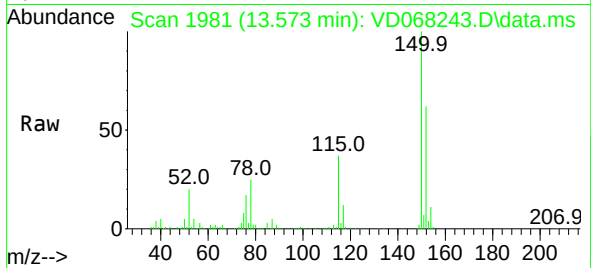




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

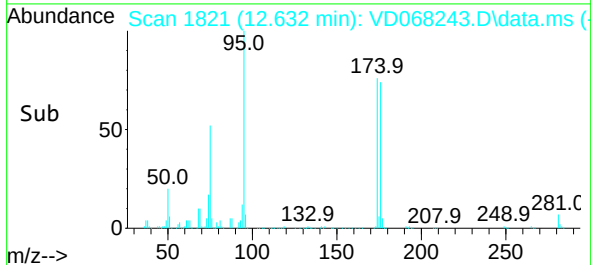
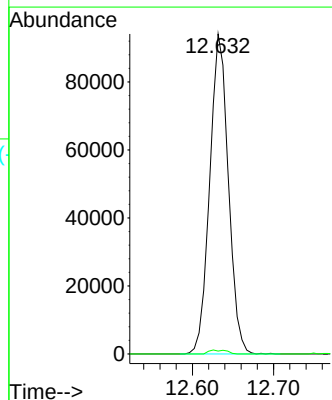
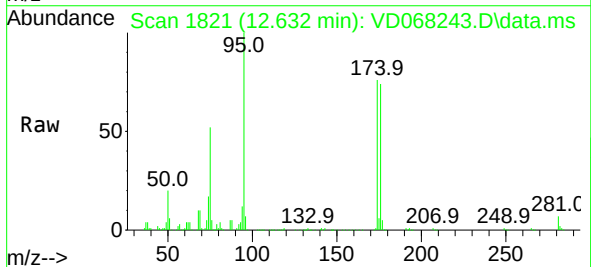
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_02_2-4

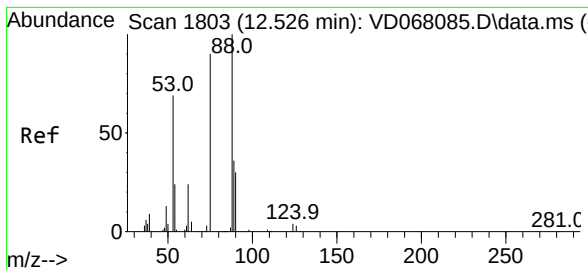
Tgt Ion:152 Resp: 287049
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068243.D
Acq: 29 Jan 2021 16:48

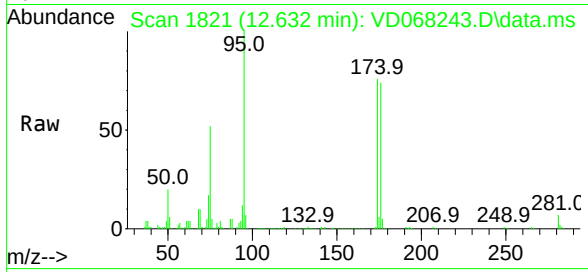
Tgt Ion: 75 Resp: 149724
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.16 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068243.D
 Acq: 29 Jan 2021 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 JJ_BH_02_2-4



Tgt Ion: 75 Resp: 149724
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

