

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068285.D
 Acq On : 04 Feb 2021 19:08
 Operator : VA/SY
 Sample : M1291-06RE
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:06:13 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)

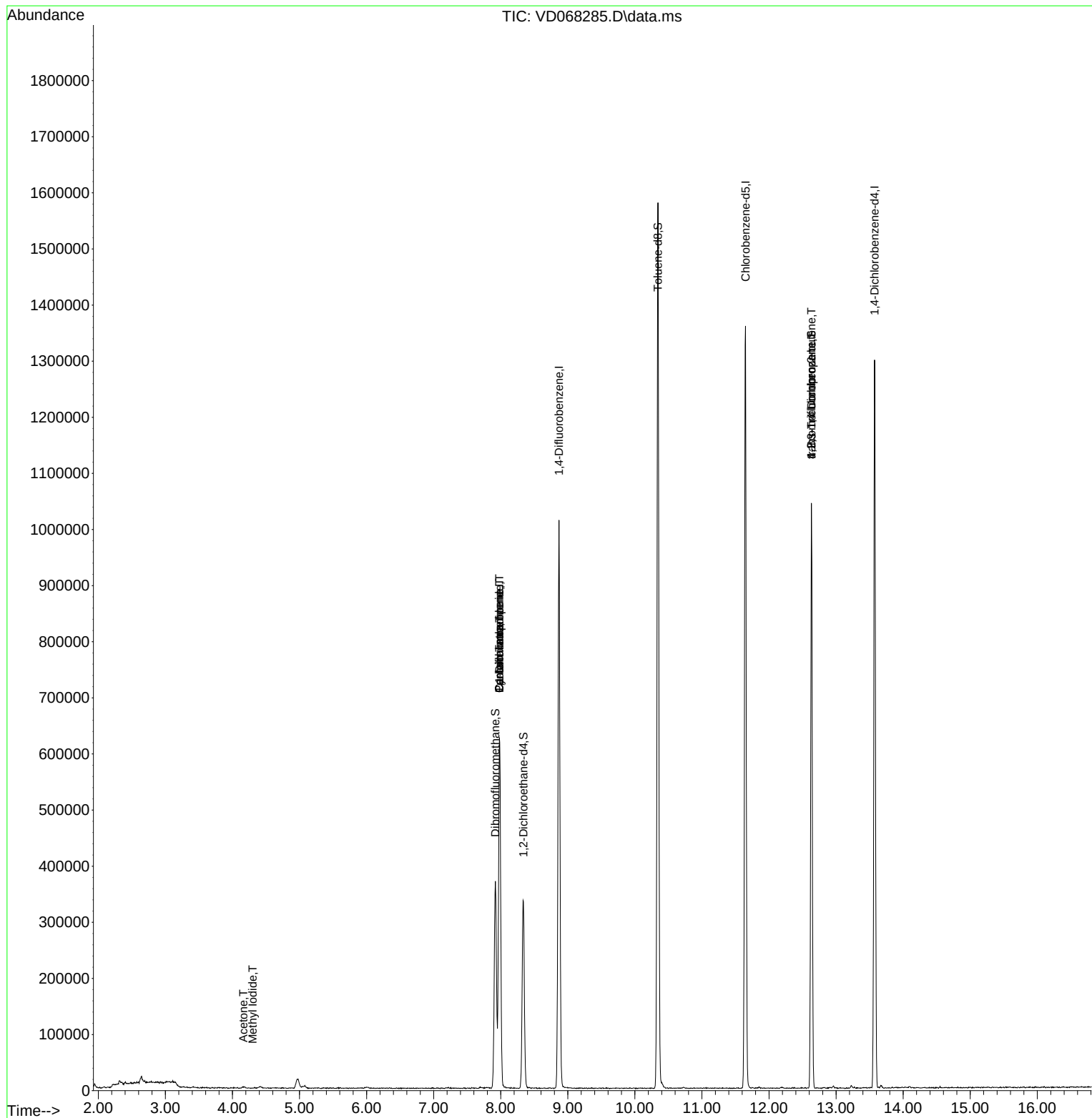
Internal Standards						
1) Pentafluorobenzene	7.979	168	473244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	879815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	799123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	349868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	272944	60.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.58%
35) Dibromofluoromethane	7.920	113	267383	54.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.94%
50) Toluene-d8	10.344	98	1106043	56.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.70%
62) 4-Bromofluorobenzene	12.632	95	357119	50.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.94%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	210	3.19	ug/l #	38
11) Tert butyl alcohol	5.197	59	130	Below	Cal #	74
16) Acetone	4.162	43	4397	5.44	ug/l	90
20) Methylene Chloride	4.962	84	13342	Below	Cal	94
31) Cyclohexane	7.979	56	10282	1.05	ug/l #	12
36) 1,1-Dichloropropene	7.979	75	38980	4.39	ug/l #	47
38) Carbon Tetrachloride	7.979	117	46715	5.63	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	181990	53.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	181990	108.86	ug/l #	13

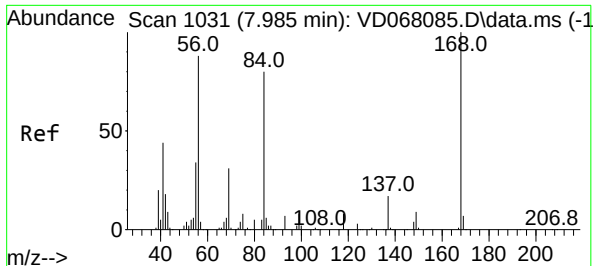
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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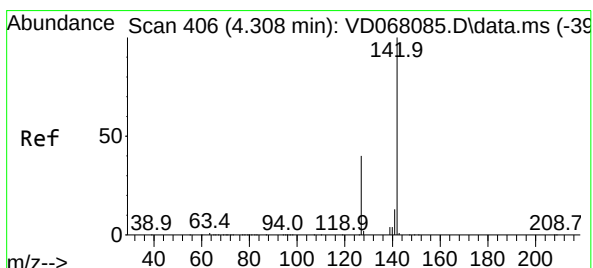
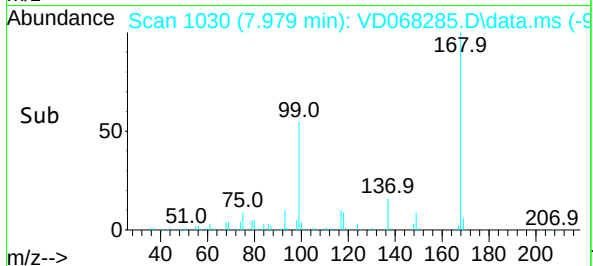
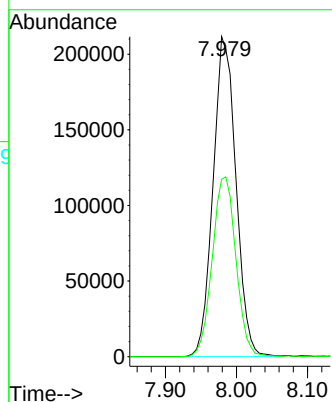
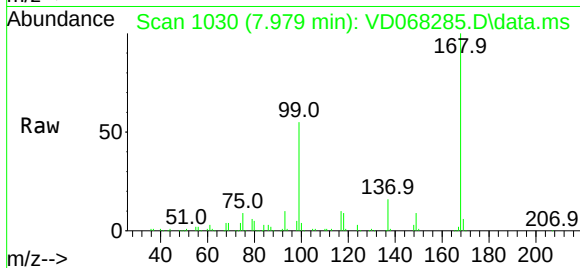




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

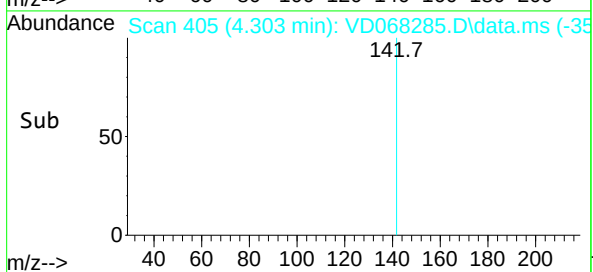
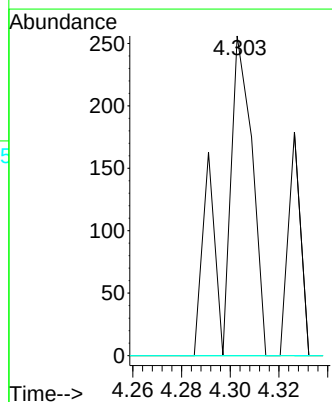
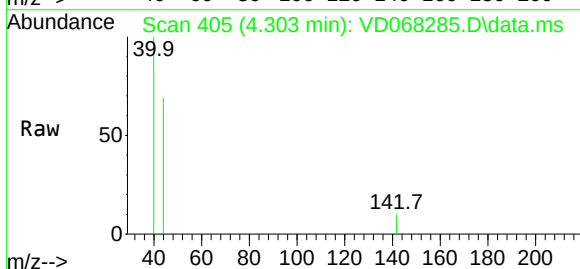
Instrument :
MSVOA_D
ClientSampled :

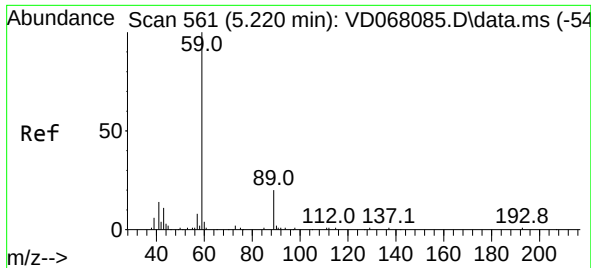
Tgt Ion:168 Resp: 473244
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

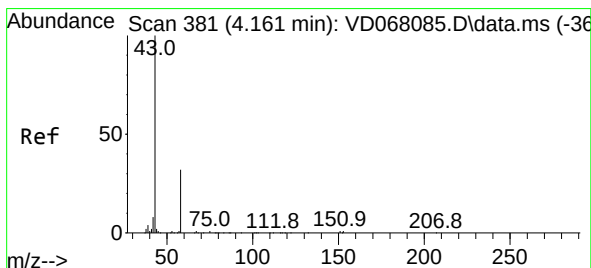
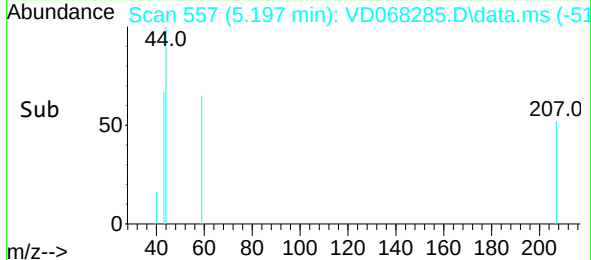
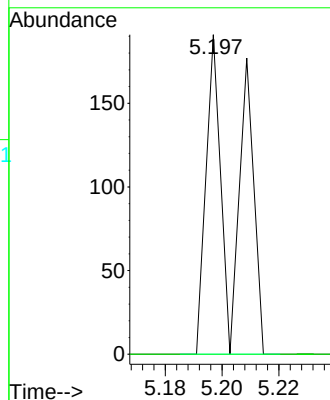
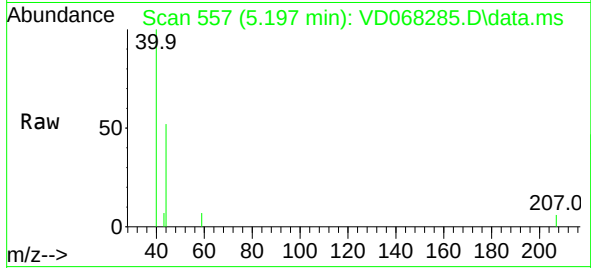




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

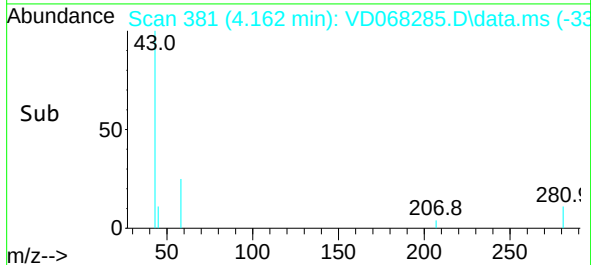
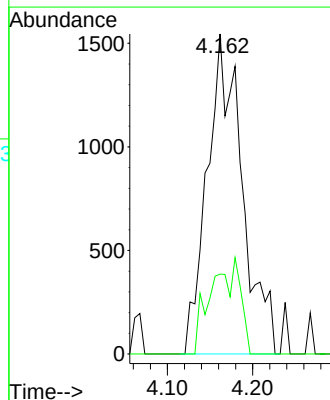
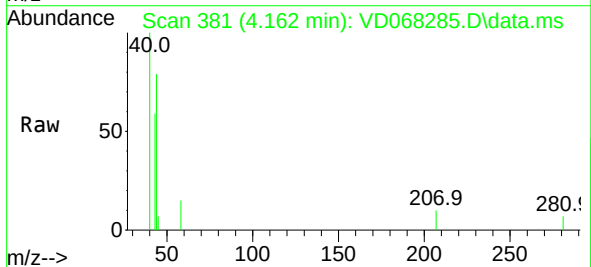
Instrument :
MSVOA_D
ClientSampleId :

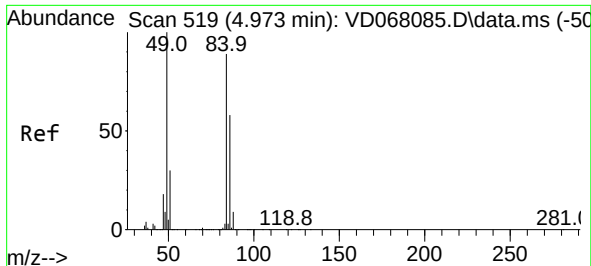
Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.44 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

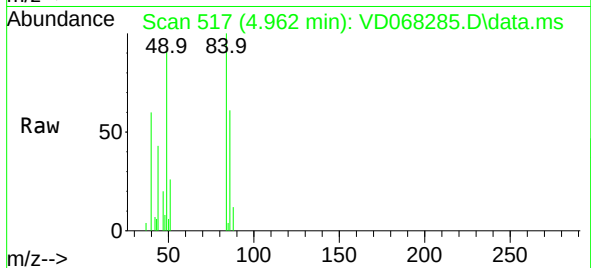
Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
58 25.0 24.2 36.4



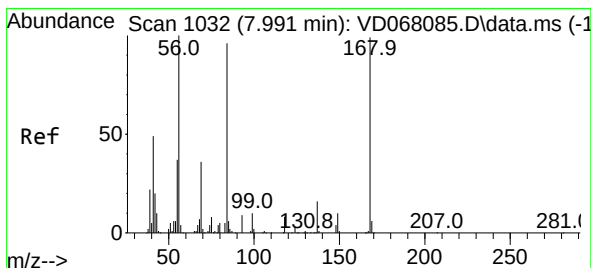
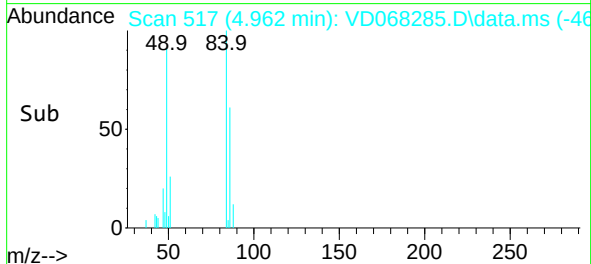
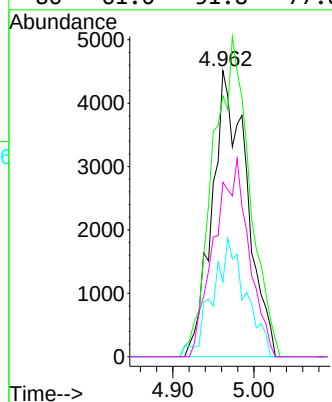


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Instrument :
MSVOA_D
ClientSampled :

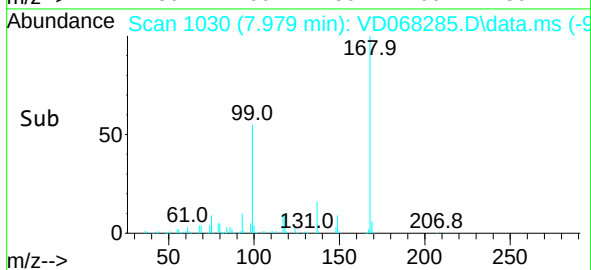
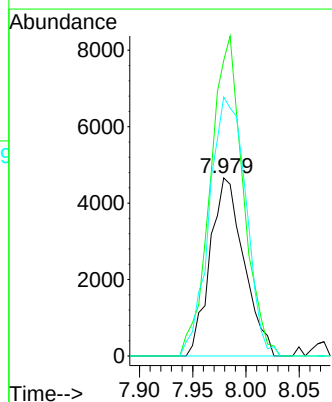
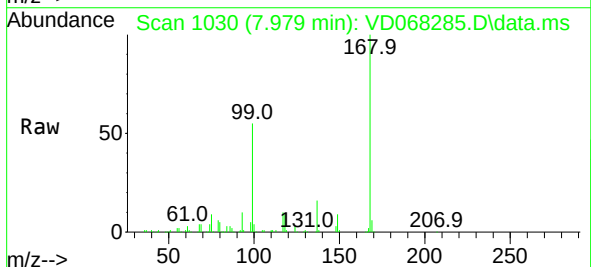


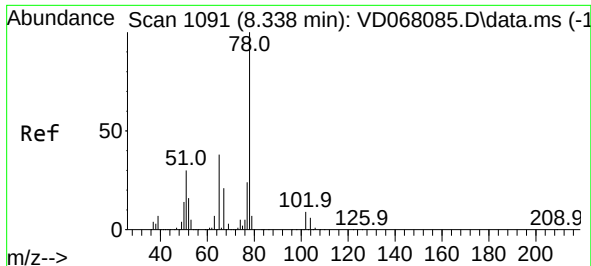
Tgt Ion:	84	Resp:	13342
Ion	Ratio	Lower	Upper
84	100		
49	91.2	77.4	116.2
51	26.2	26.1	39.1
86	61.0	51.8	77.8



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion:	56	Resp:	10282
Ion	Ratio	Lower	Upper
56	100		
69	165.9	30.1	45.1#
84	145.4	82.1	123.1#

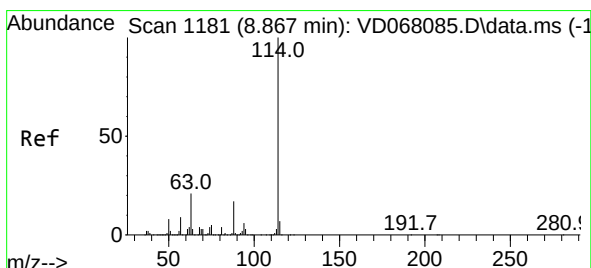
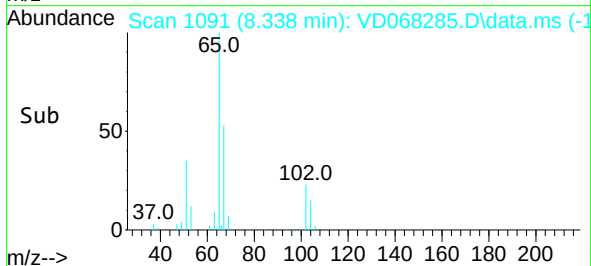
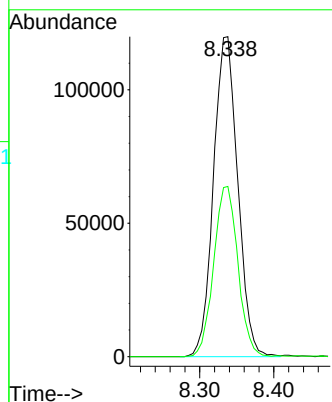
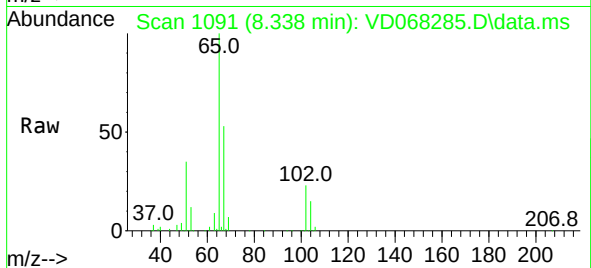




#33
1,2-Dichloroethane-d4
Concen: 60.29 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

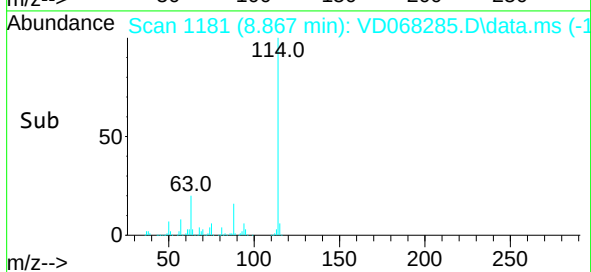
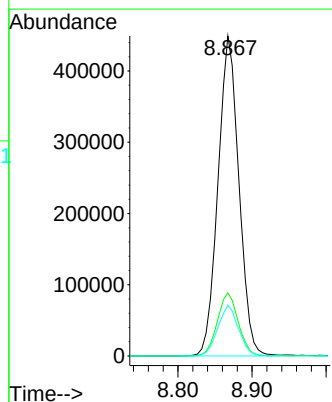
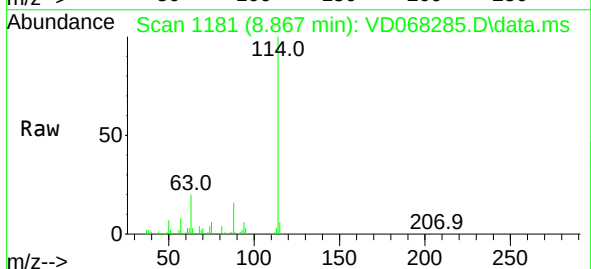
Instrument :
MSVOA_D
ClientSampled :

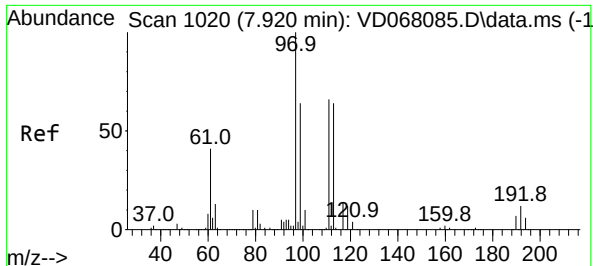
Tgt Ion: 65 Resp: 272944
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion: 114 Resp: 879815
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.97 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068285.D

Acq: 04 Feb 2021 19:08

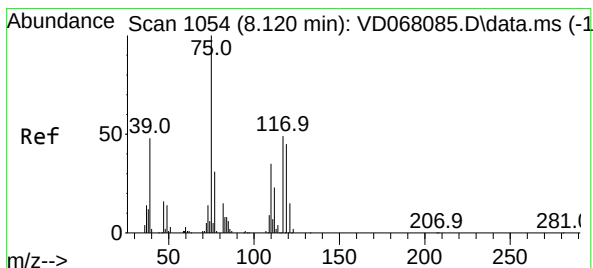
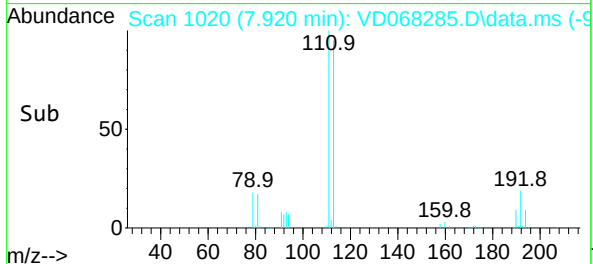
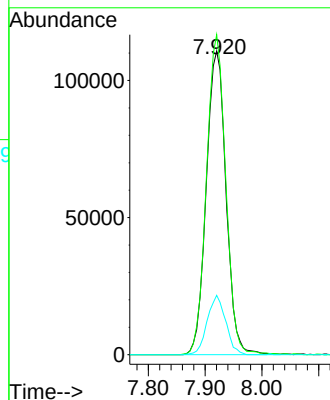
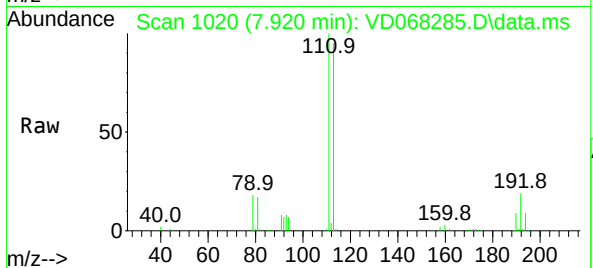
Tgt Ion:113 Resp: 267383

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068285.D

Acq: 04 Feb 2021 19:08

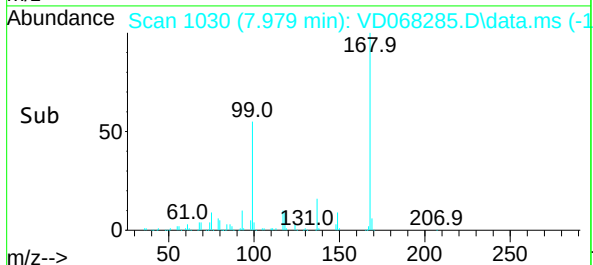
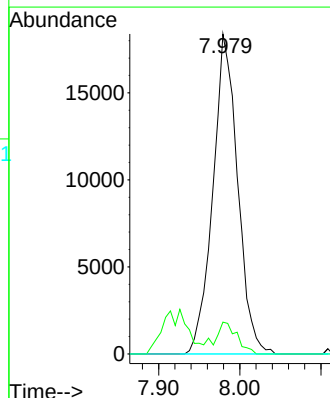
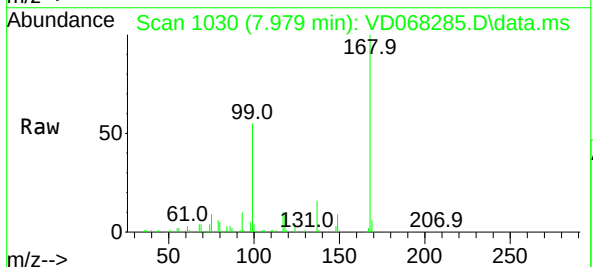
Tgt Ion: 75 Resp: 38980

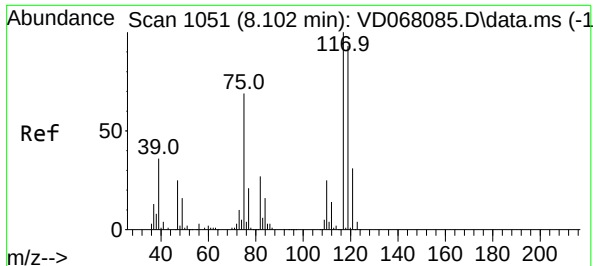
Ion Ratio Lower Upper

75 100

110 8.7 19.4 58.2#

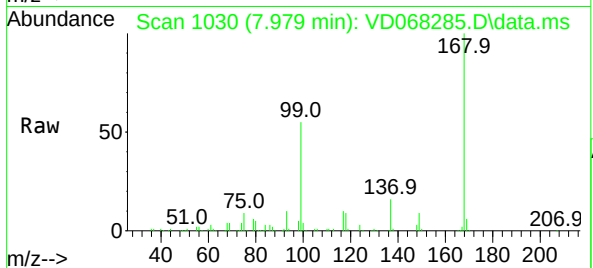
77 0.0 25.3 37.9#



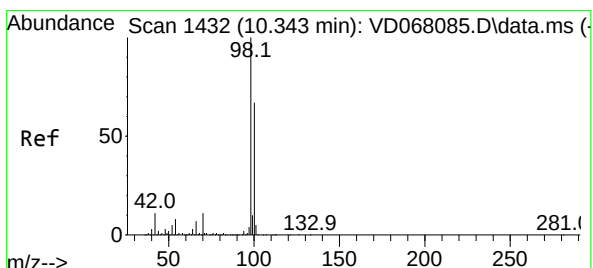
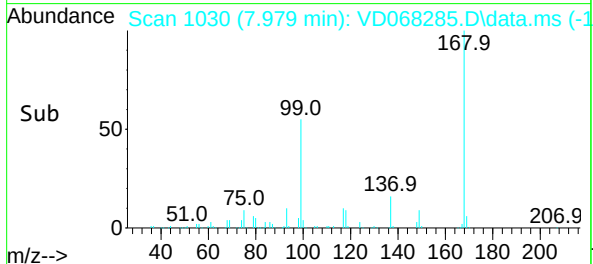
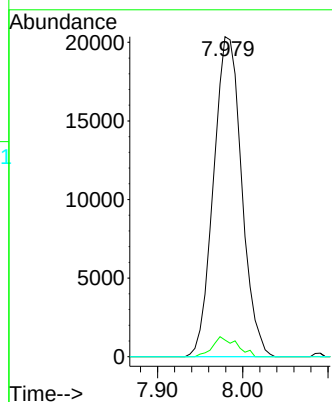


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Instrument :
MSVOA_D
ClientSampled :

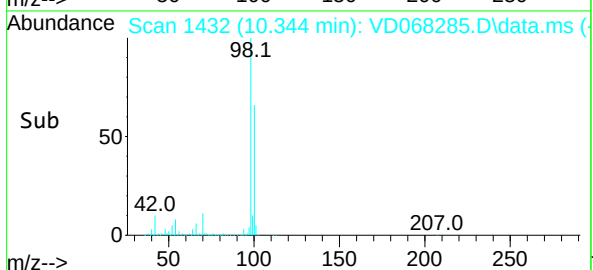
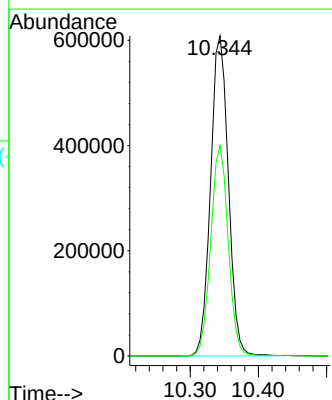
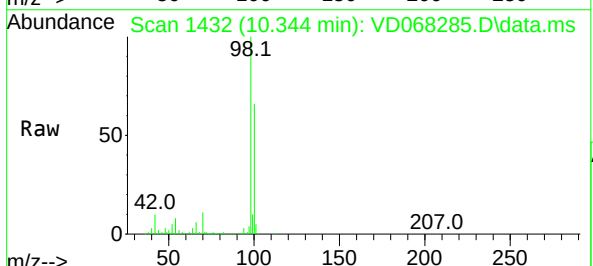


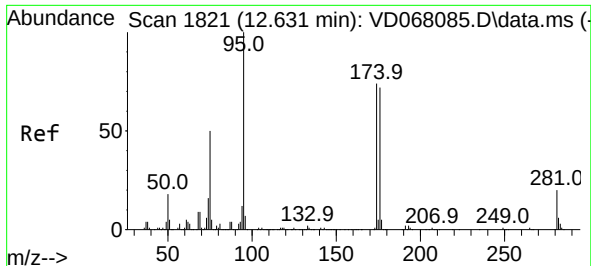
Tgt Ion:117 Resp: 46715
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.85 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion: 98 Resp: 1106043
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

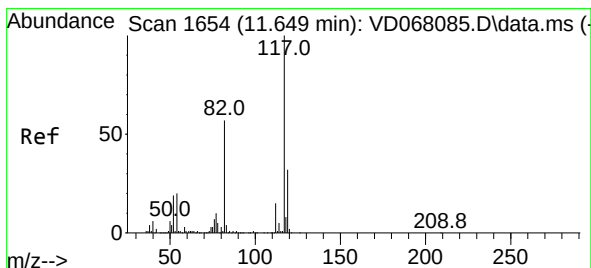
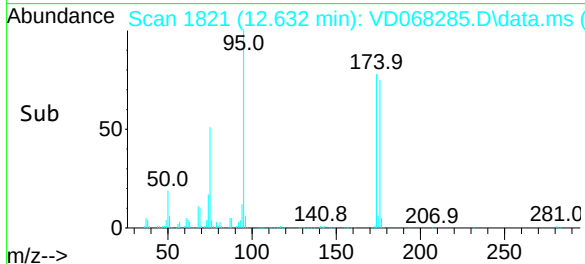
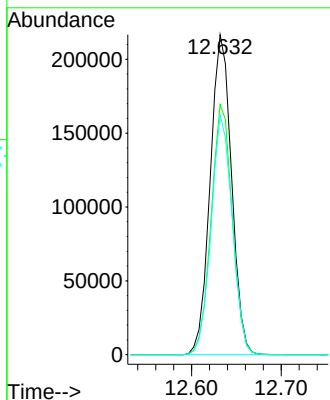
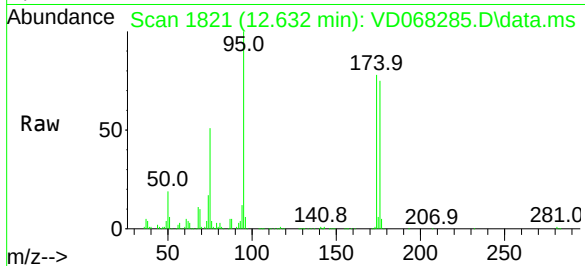




#62
4-Bromofluorobenzene
Concen: 50.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

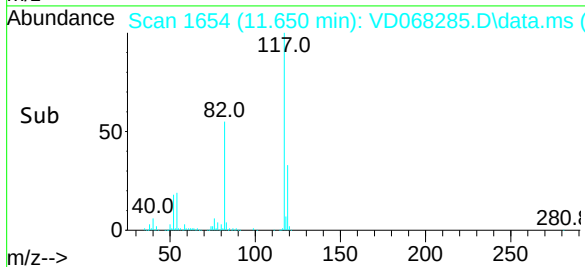
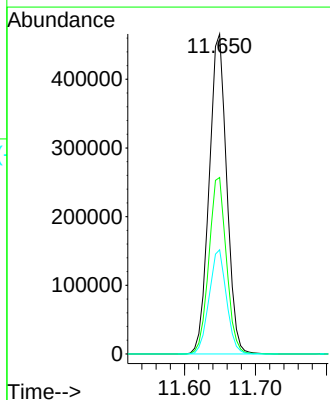
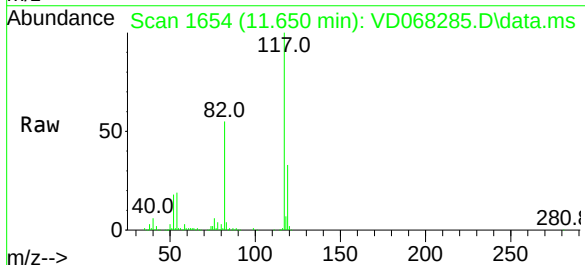
Instrument :
MSVOA_D
ClientSampleId :

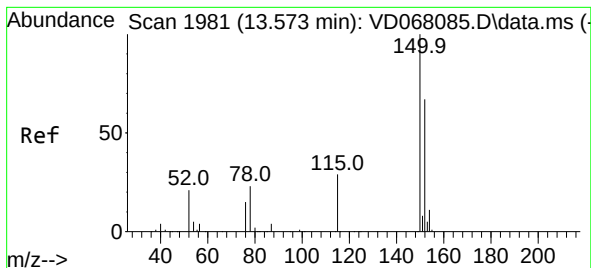
Tgt Ion: 95 Resp: 357119
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

Tgt Ion: 117 Resp: 799123
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.0
119 32.5 26.1 39.1

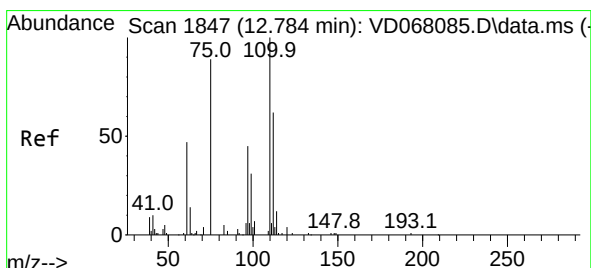
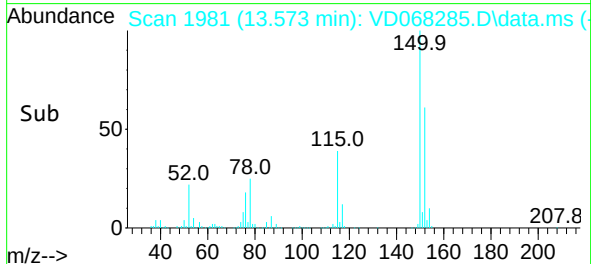
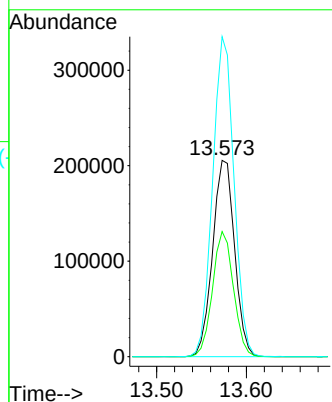
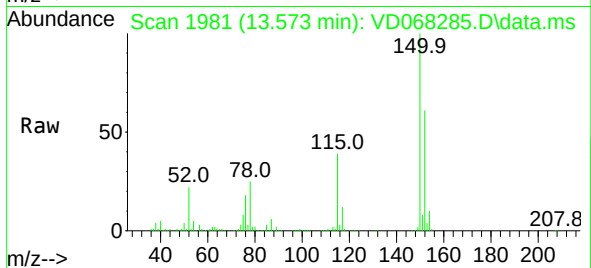




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

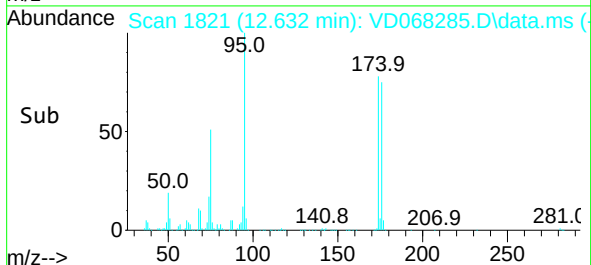
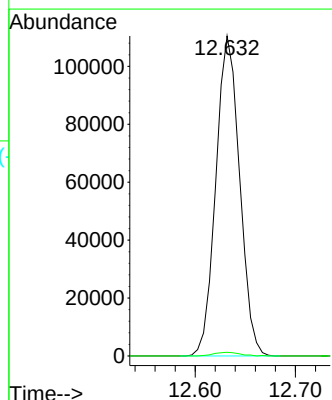
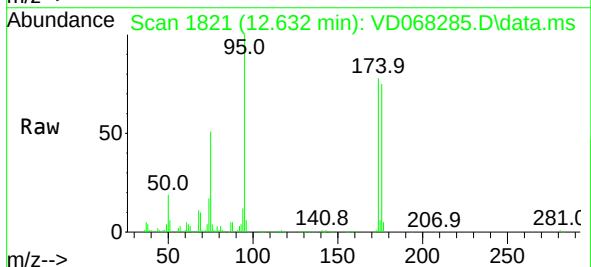
Instrument :
MSVOA_D
ClientSampleId :

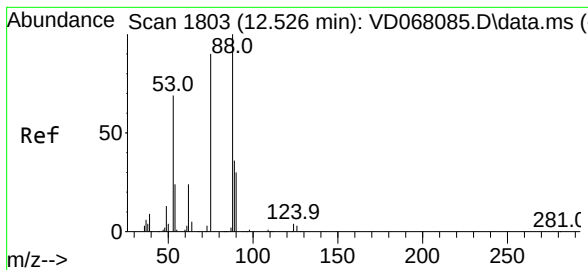
Tgt Ion:152 Resp: 349868
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.8
150 158.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068285.D
Acq: 04 Feb 2021 19:08

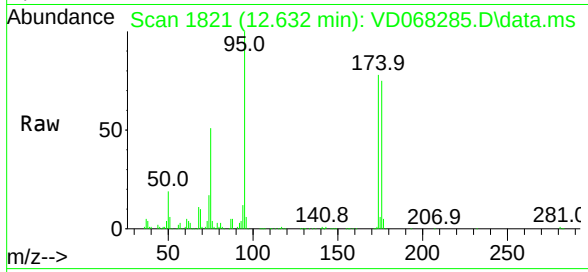
Tgt Ion: 75 Resp: 181990
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.86 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068285.D
 Acq: 04 Feb 2021 19:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 181990
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

