

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
 Data File : VD068157.D
 Acq On : 22 Jan 2021 16:16
 Operator : VA/SY
 Sample : M1220-01
 Misc : 4.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-A

Quant Time: Jan 23 00:00:02 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)

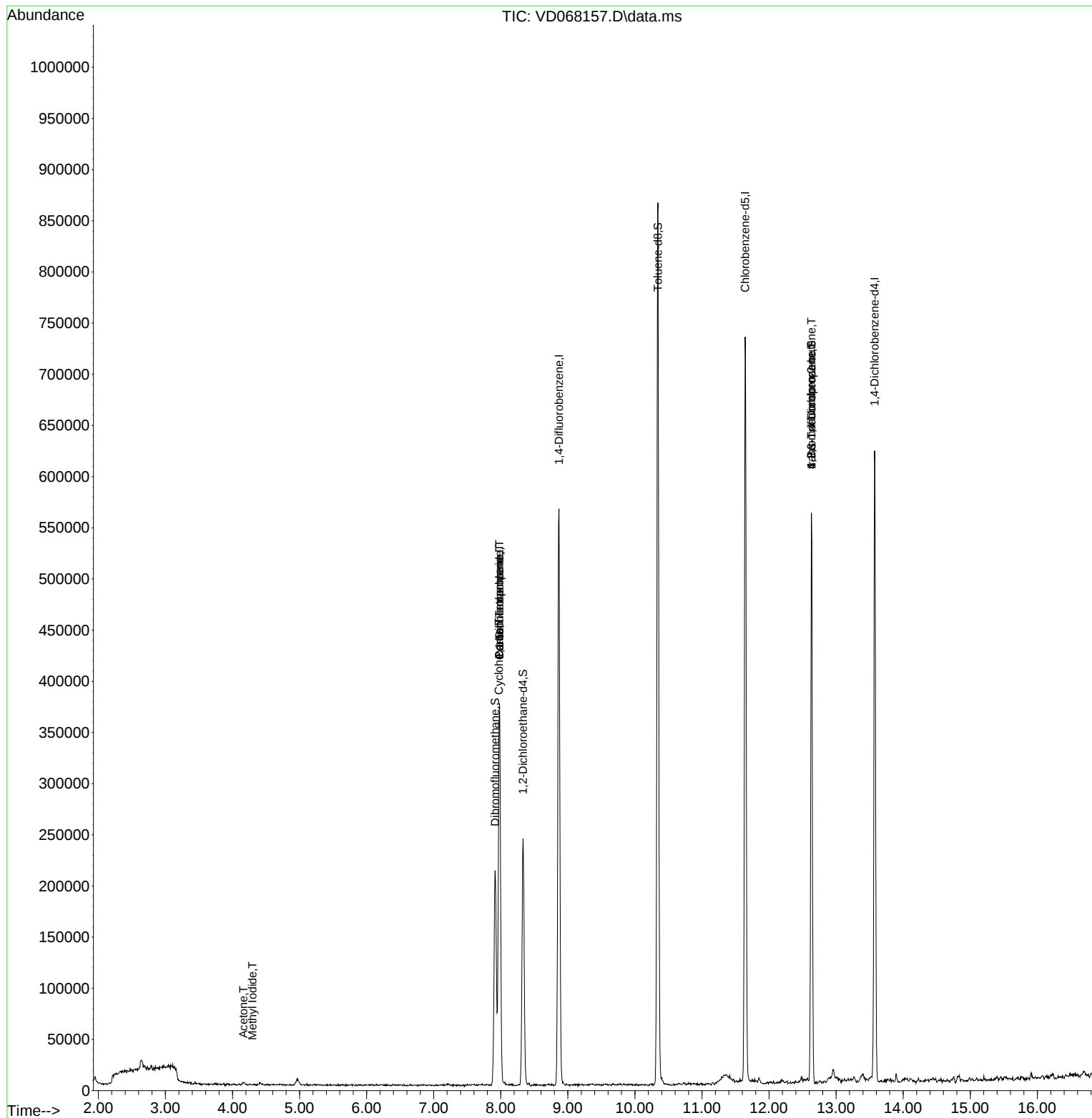
Internal Standards						
1) Pentafluorobenzene	7.979	168	290831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	502561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	439318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	168871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193964	69.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.44%			
35) Dibromofluoromethane	7.914	113	158279	56.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.94%			
50) Toluene-d8	10.344	98	617498	55.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.12%			
62) 4-Bromofluorobenzene	12.632	95	194029	48.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.96%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	80	3.18	ug/l #	38
11) Tert butyl alcohol	5.209	59	130	Below Cal	#	74
16) Acetone	4.162	43	3581	7.21	ug/l #	73
20) Methylene Chloride	4.962	84	4344	Below Cal	#	81
31) Cyclohexane	7.973	56	6263	1.04	ug/l #	10
36) 1,1-Dichloropropene	7.979	75	23057	4.55	ug/l #	46
38) Carbon Tetrachloride	7.979	117	28363	5.98	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	98482	60.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	98482	122.05	ug/l #	13

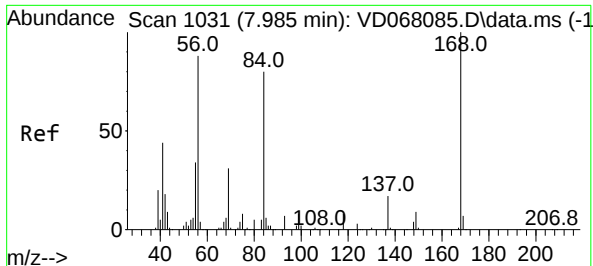
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012221\
Data File : VD068157.D
Acq On : 22 Jan 2021 16:16
Operator : VA/SY
Sample : M1220-01
Misc : 4.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP1-A

Quant Time: Jan 23 00:00:02 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

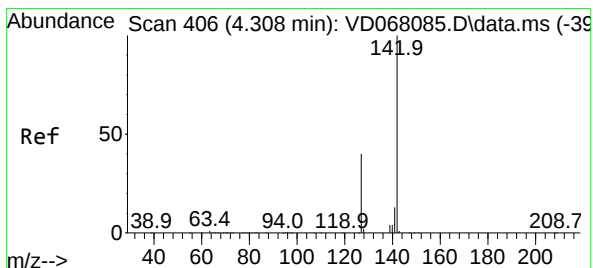
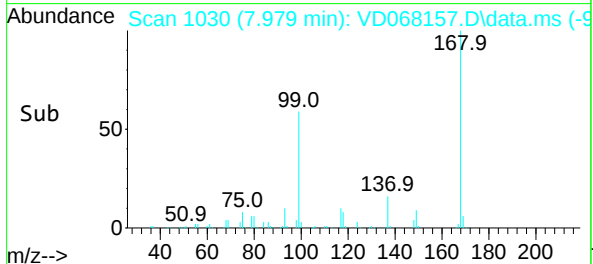
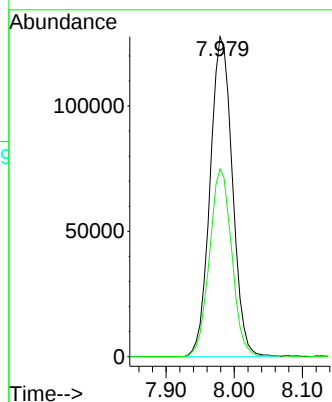
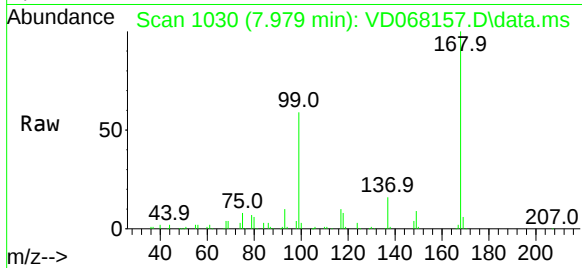




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

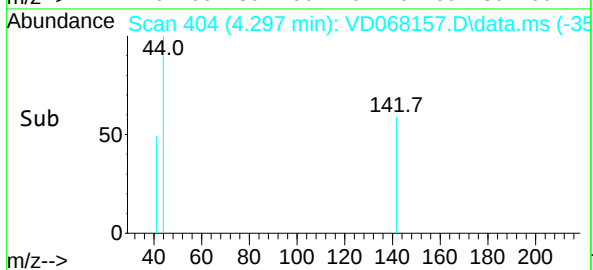
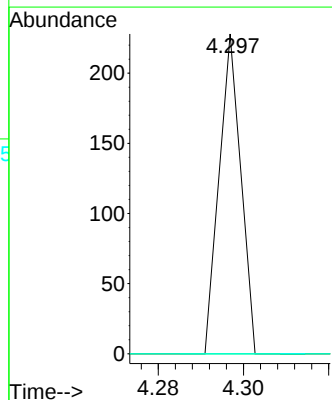
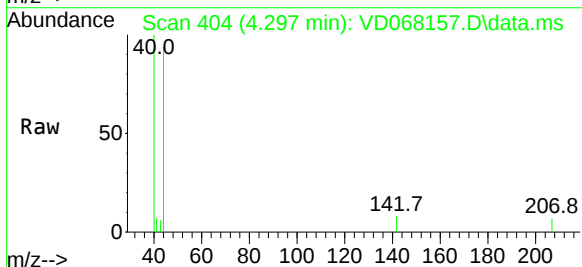
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

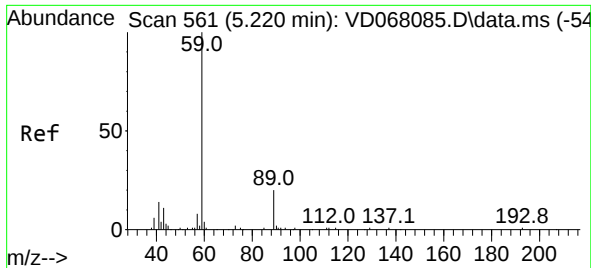
Tgt Ion:168 Resp: 290831
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

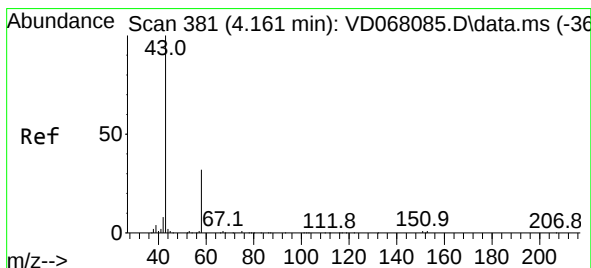
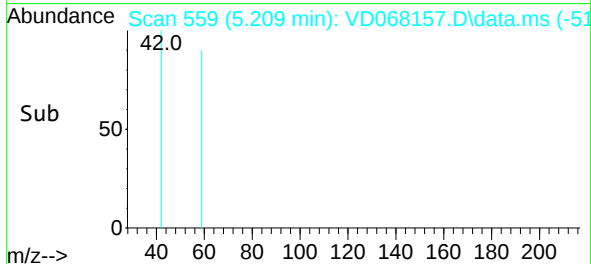
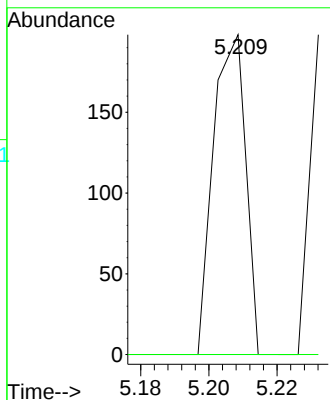
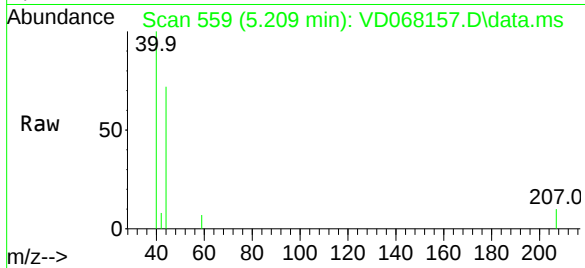




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

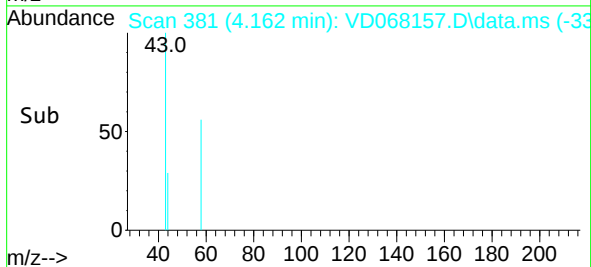
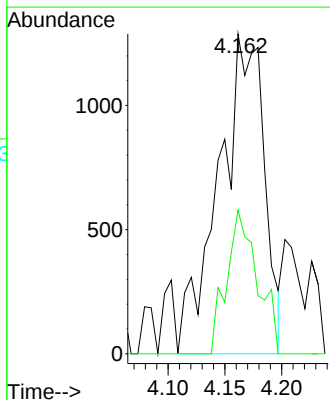
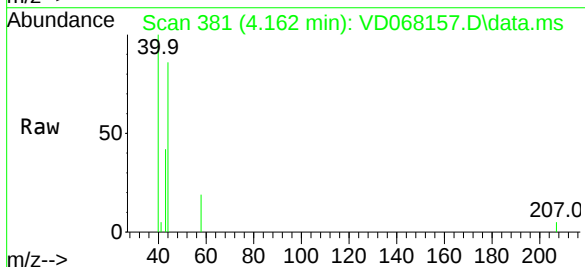
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

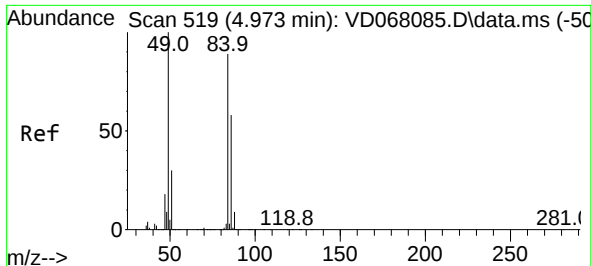
Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.21 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion: 43 Resp: 3581
Ion Ratio Lower Upper
43 100
58 44.9 24.2 36.4#

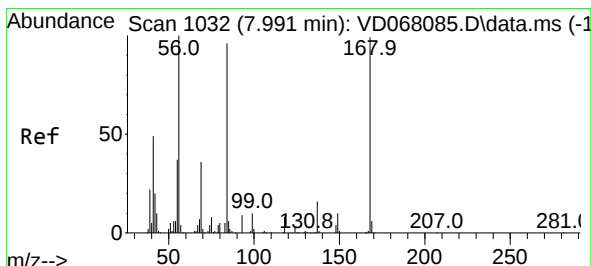
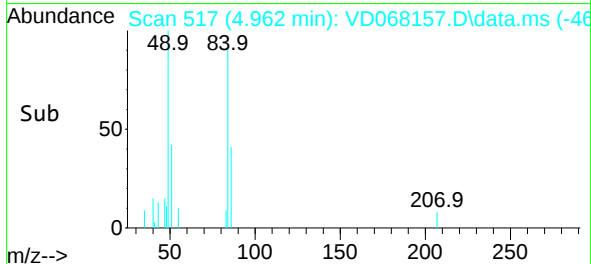
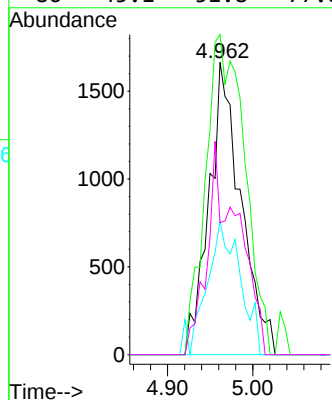
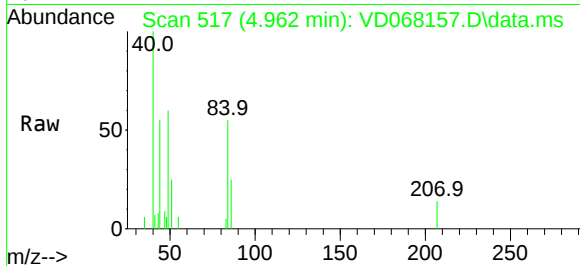




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

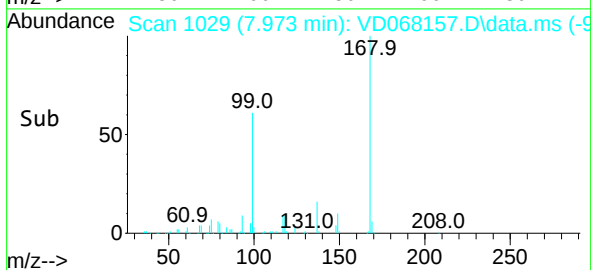
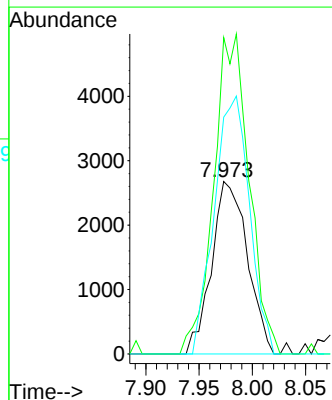
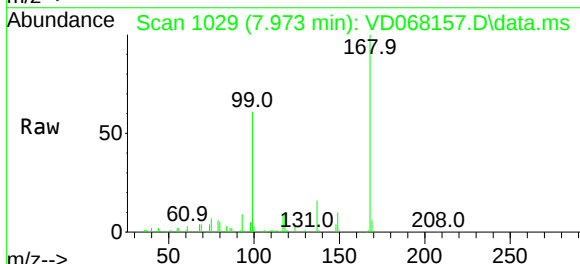
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

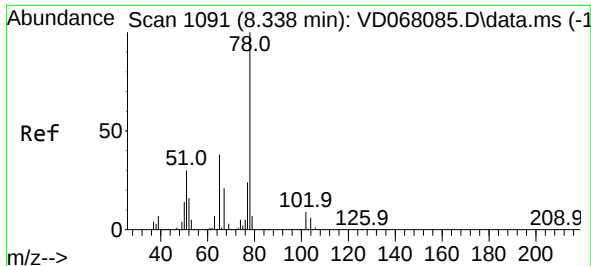
Tgt Ion:	84	Resp:	4344
Ion	Ratio	Lower	Upper
84	100		
49	109.5	77.4	116.2
51	45.8	26.1	39.1#
86	45.1	51.8	77.8#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion:	56	Resp:	6263
Ion	Ratio	Lower	Upper
56	100		
69	183.4	30.1	45.1#
84	137.3	82.1	123.1#

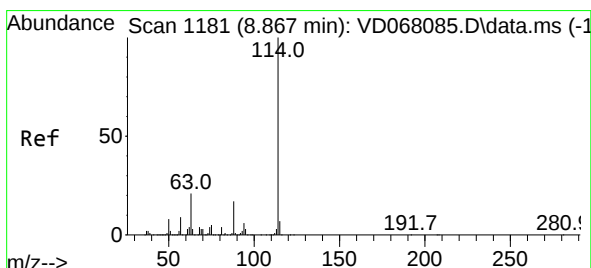
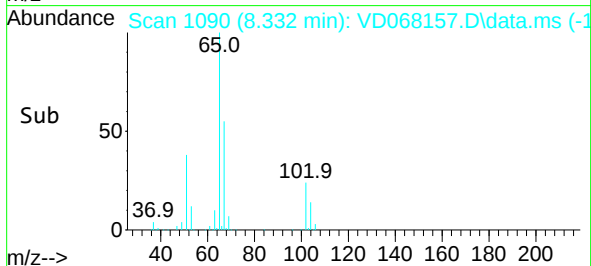
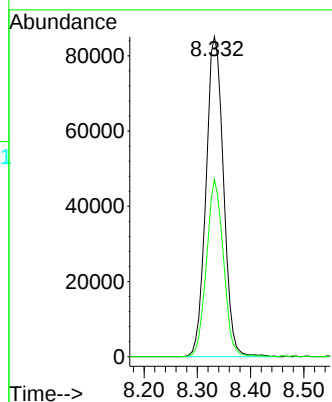
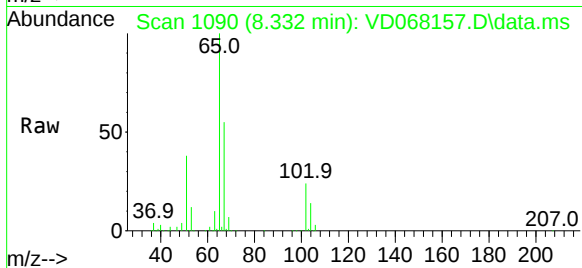




#33
1,2-Dichloroethane-d4
Concen: 69.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

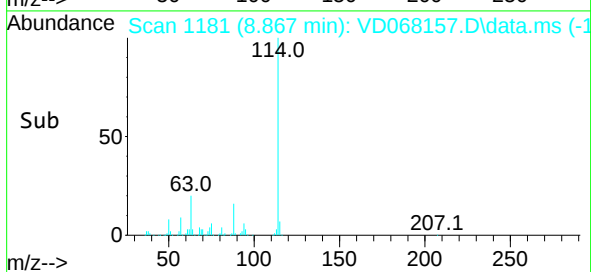
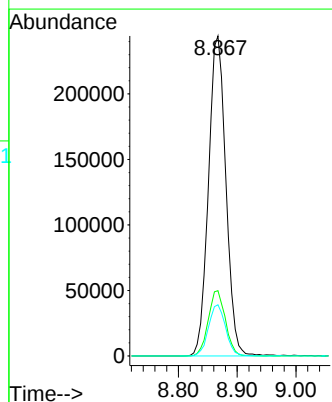
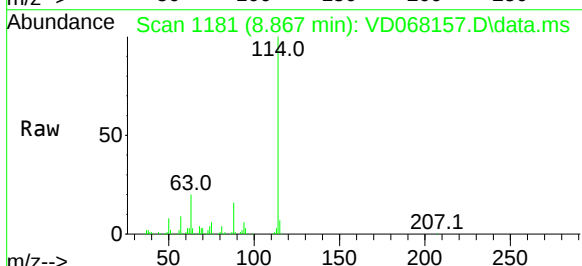
Instrument :
MSVOA_D
ClientSampled :
SP1-A

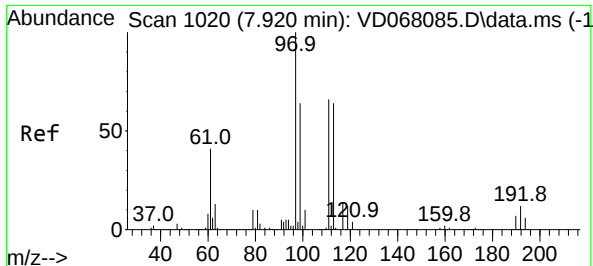
Tgt Ion: 65 Resp: 193964
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion: 114 Resp: 502561
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.97 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068157.D

Acq: 22 Jan 2021 16:16

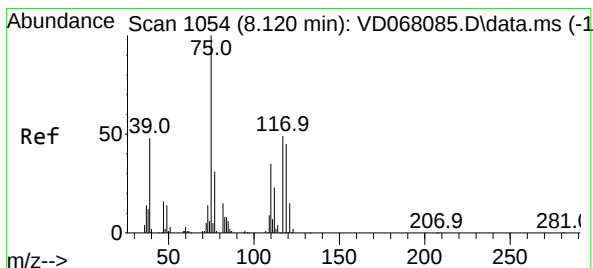
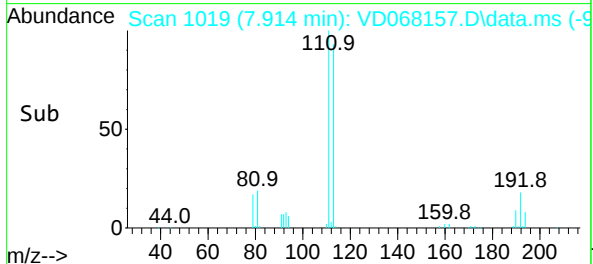
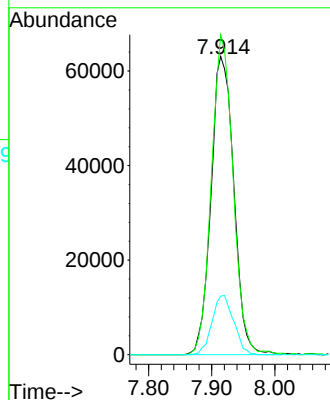
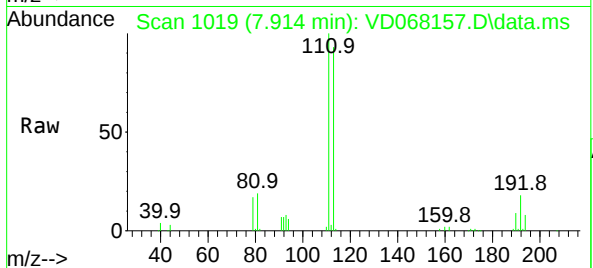
Tgt Ion:113 Resp: 158279

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068157.D

Acq: 22 Jan 2021 16:16

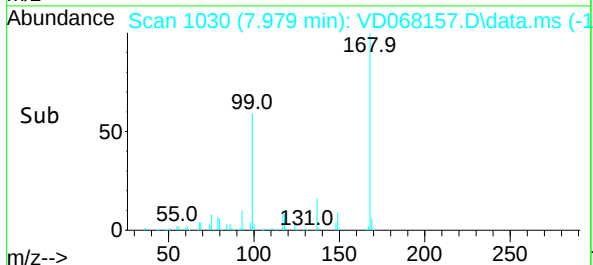
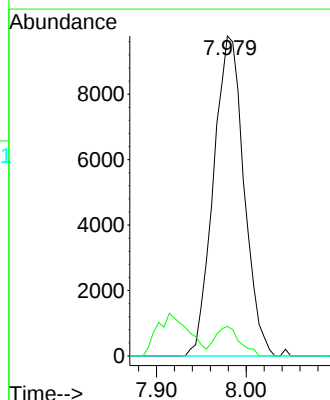
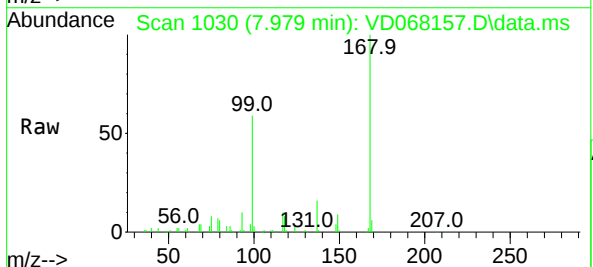
Tgt Ion: 75 Resp: 23057

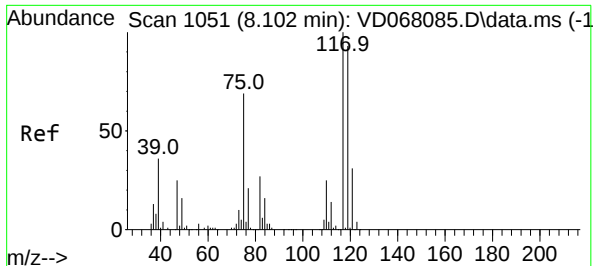
Ion Ratio Lower Upper

75 100

110 7.4 19.4 58.2#

77 0.0 25.3 37.9#

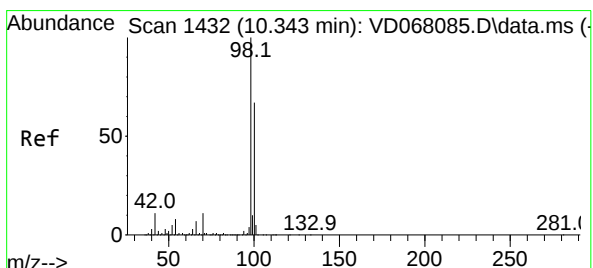
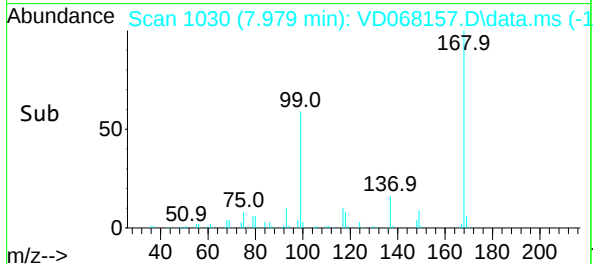
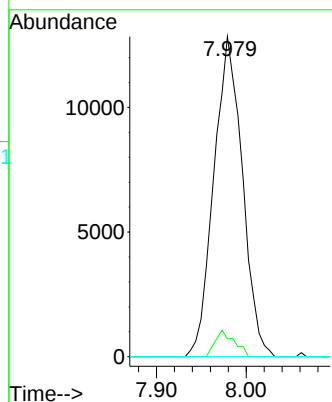
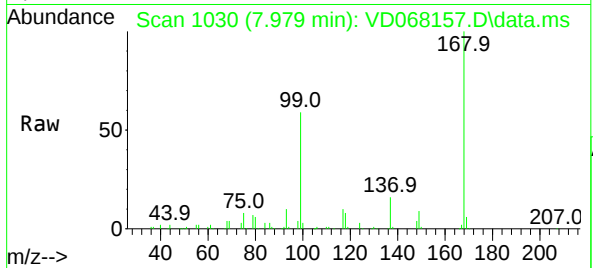




#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

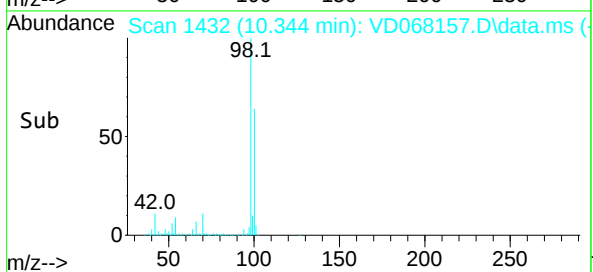
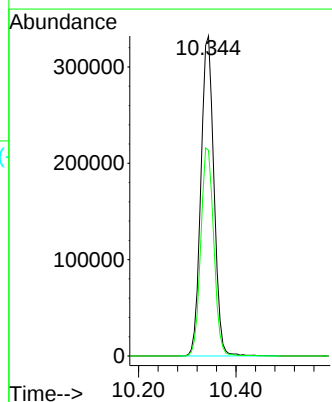
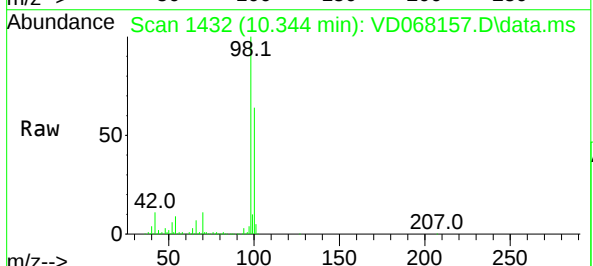
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

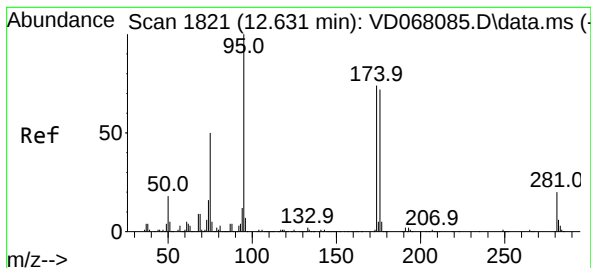
Tgt Ion:117 Resp: 28363
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.56 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion: 98 Resp: 617498
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

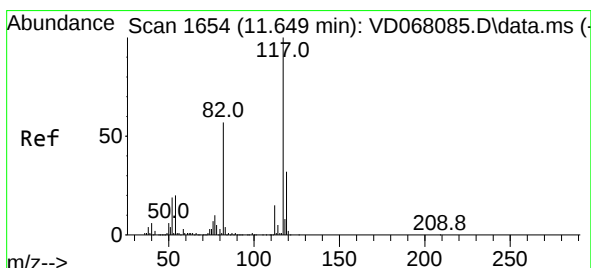
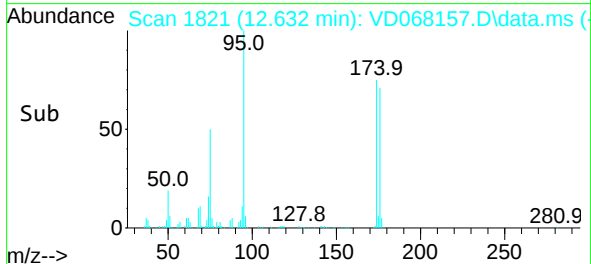
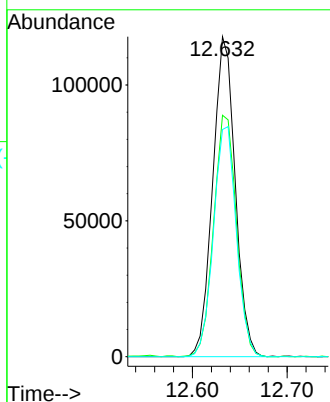
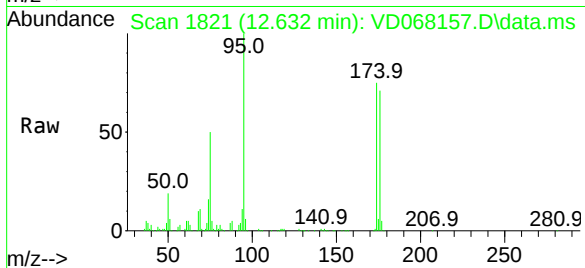




#62
4-Bromofluorobenzene
Concen: 48.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

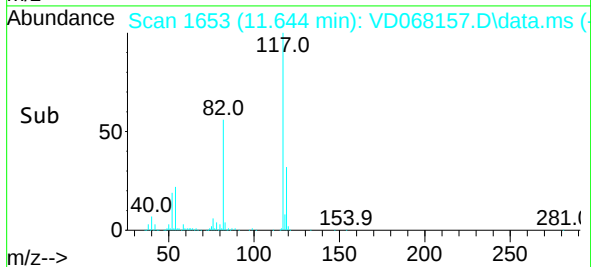
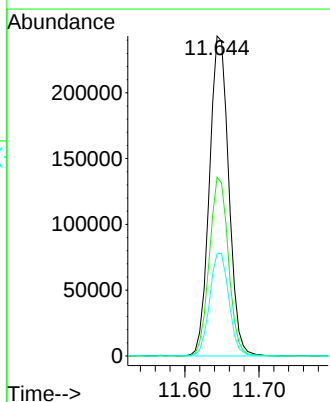
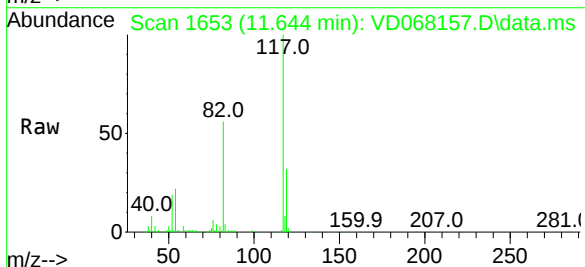
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

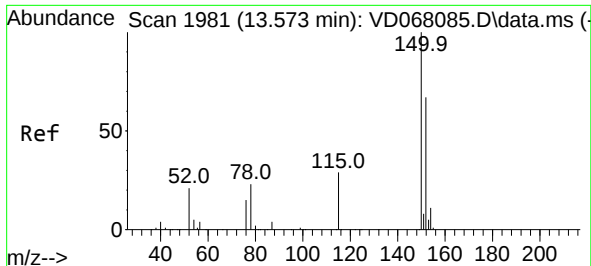
Tgt Ion: 95 Resp: 194029
Ion Ratio Lower Upper
95 100
174 76.7 0.0 172.4
176 73.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion: 117 Resp: 439318
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.0
119 31.9 26.1 39.1

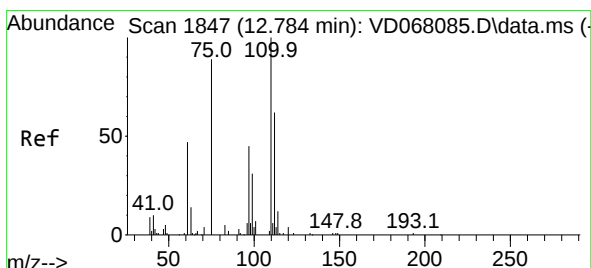
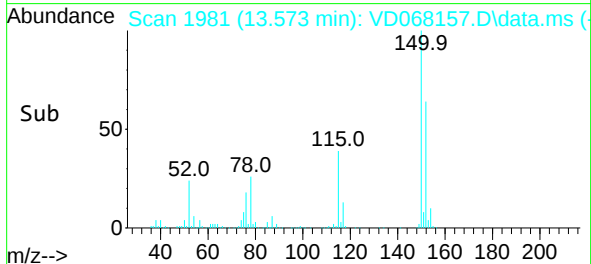
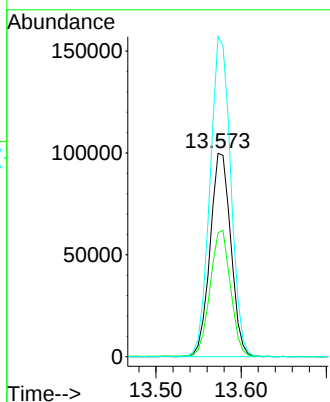
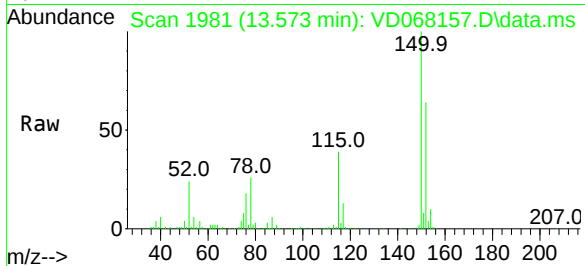




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

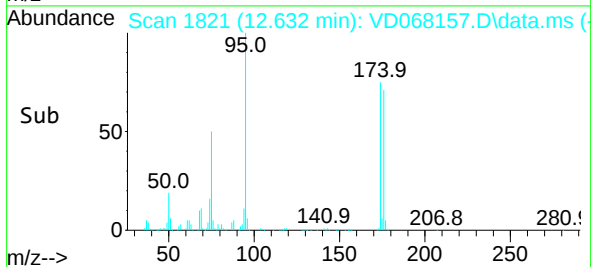
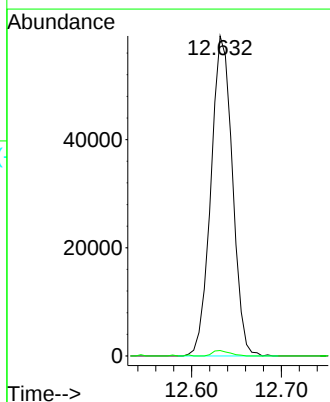
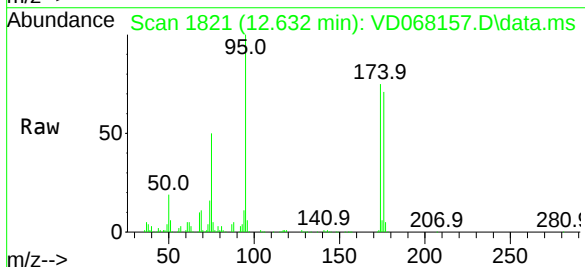
Instrument :
MSVOA_D
ClientSampleId :
SP1-A

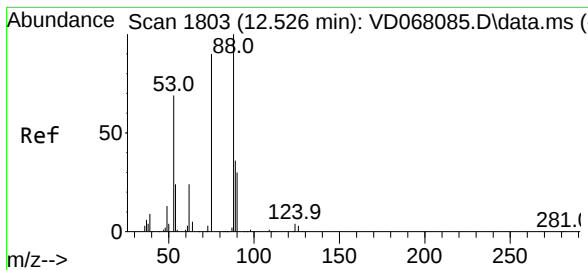
Tgt Ion:152 Resp: 168871
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.8
150 157.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 60.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068157.D
Acq: 22 Jan 2021 16:16

Tgt Ion: 75 Resp: 98482
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.05 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068157.D
 Acq: 22 Jan 2021 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-A

Tgt Ion: 75 Resp: 98482
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

