

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068133.D
 Acq On : 21 Jan 2021 15:25
 Operator : VA/SY
 Sample : M1198-01
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-036-IDWSO-20210120

Quant Time: Jan 22 00:09:47 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)

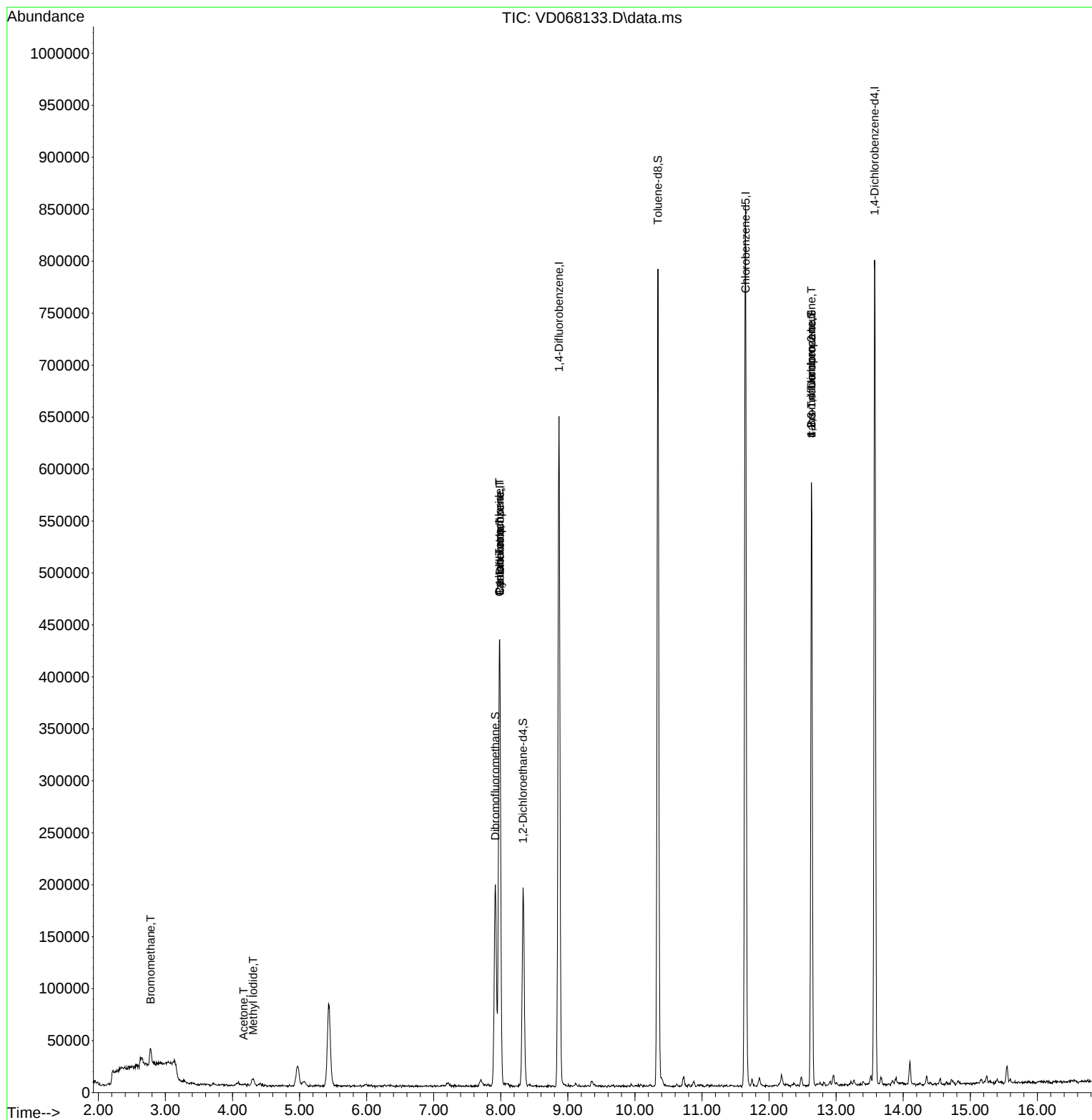
Internal Standards						
1) Pentafluorobenzene	7.985	168	329210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	574941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	506486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	220060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	148113	47.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.06%
35) Dibromofluoromethane	7.920	113	140452	44.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.38%
50) Toluene-d8	10.344	98	543633	42.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.52%
62) 4-Bromofluorobenzene	12.632	95	192678	42.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.16%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	12981	4.04	ug/l	97
10) Methyl Iodide	4.309	142	11762	5.90	ug/l	93
11) Tert butyl alcohol	5.226	59	122	Below Cal	#	1
16) Acetone	4.167	43	3340	5.94	ug/l	95
31) Cyclohexane	7.985	56	9535	1.40	ug/l	# 13
36) 1,1-Dichloropropene	7.985	75	27251	4.70	ug/l	# 47
38) Carbon Tetrachloride	7.979	117	32955	6.07	ug/l	# 16
76) 1,2,3-Trichloropropane	12.632	75	98161	46.13	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	98161	93.35	ug/l	# 13

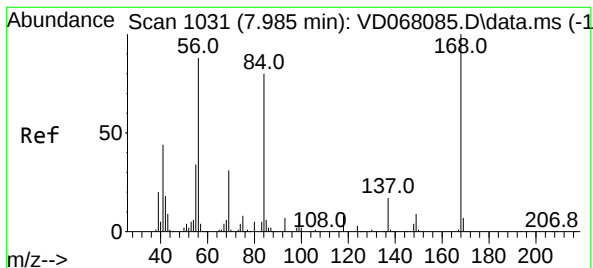
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT-036-IDWSO-20210120

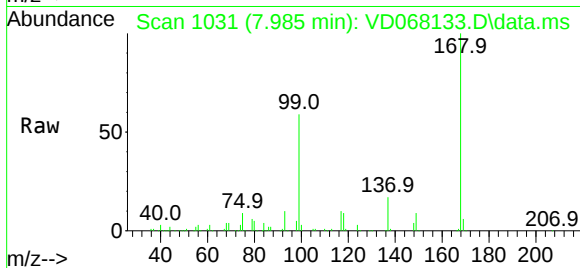
Quant Time: Jan 22 00:09:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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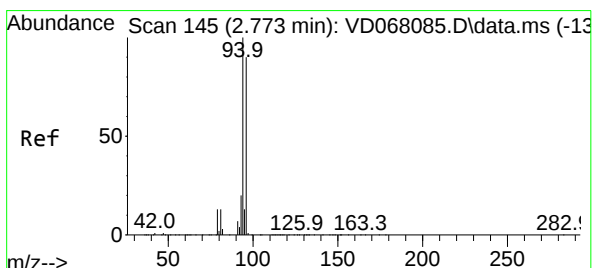
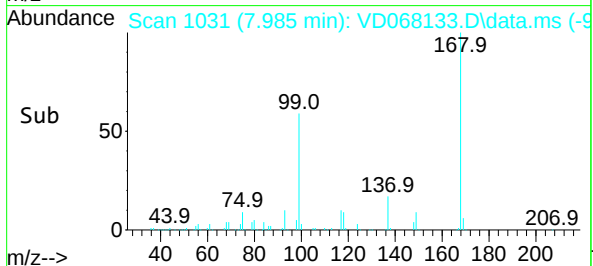
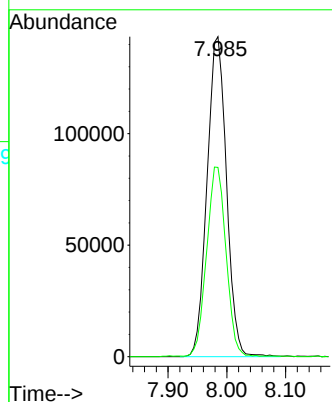


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

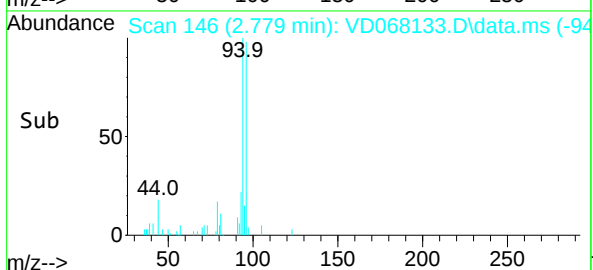
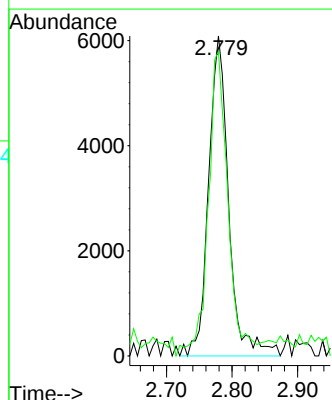
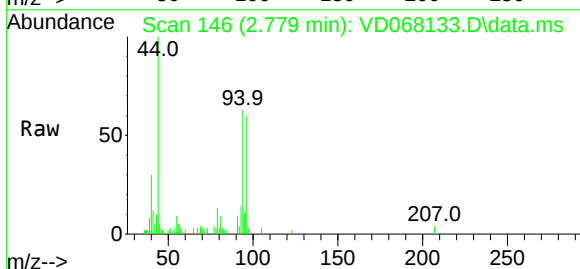


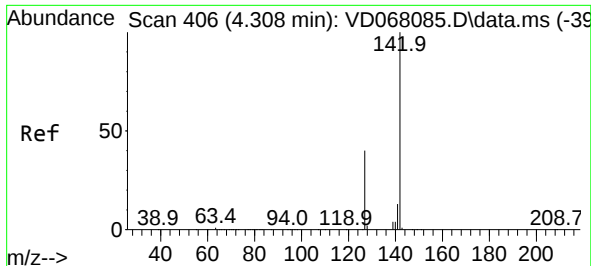
Tgt Ion:168 Resp: 329210
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#5
Bromomethane
Concen: 4.04 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

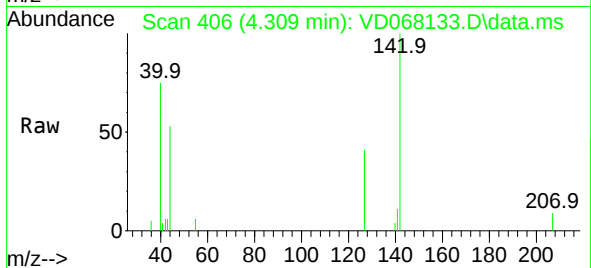
Tgt Ion: 94 Resp: 12981
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



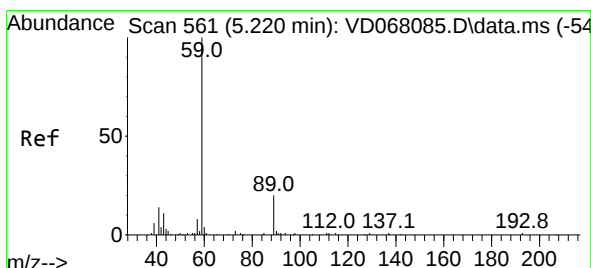
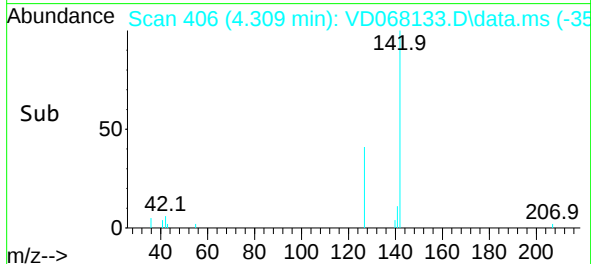
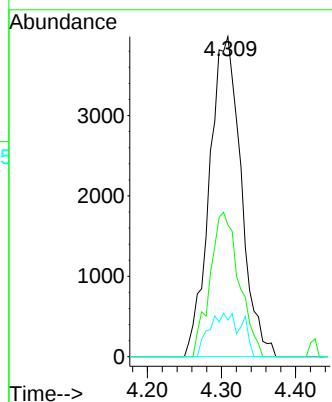


#10
Methyl Iodide
Concen: 5.90 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

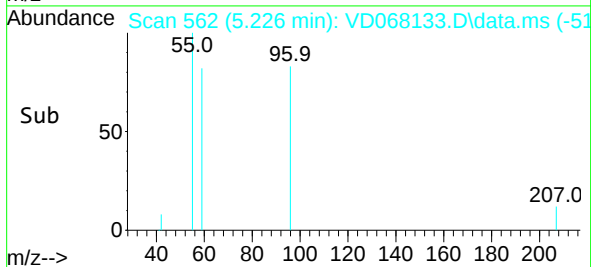
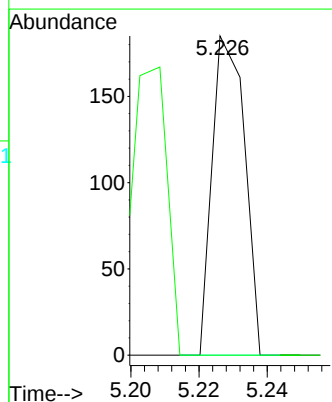
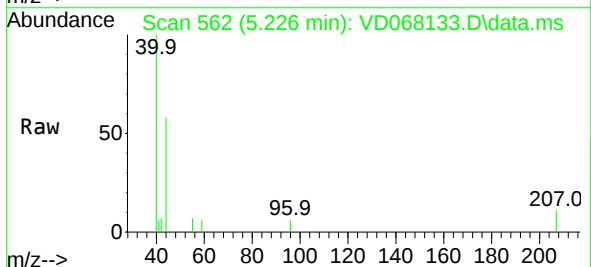


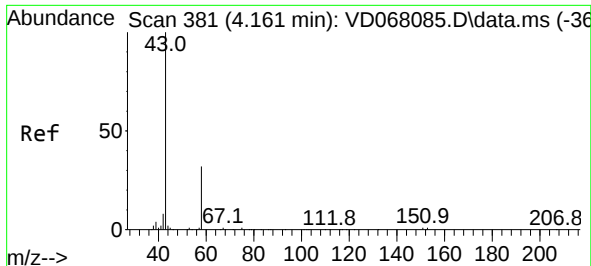
Tgt Ion:142 Resp: 11762
Ion Ratio Lower Upper
142 100
127 41.8 37.9 56.9
141 14.1 11.5 17.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

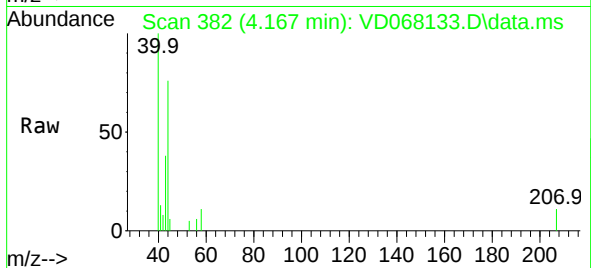
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 95.1 7.4 11.2#



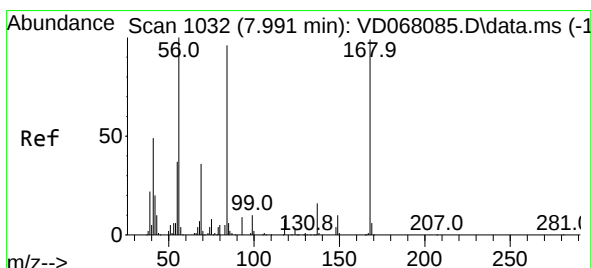
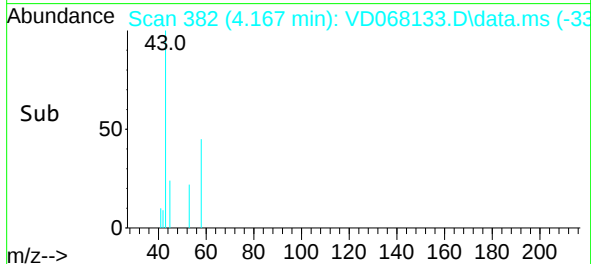
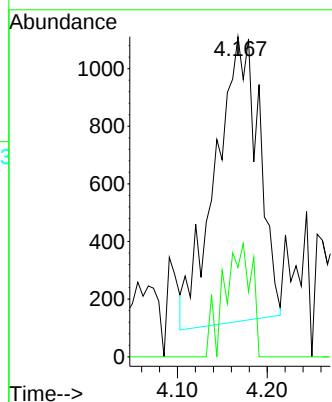


#16
Acetone
Concen: 5.94 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

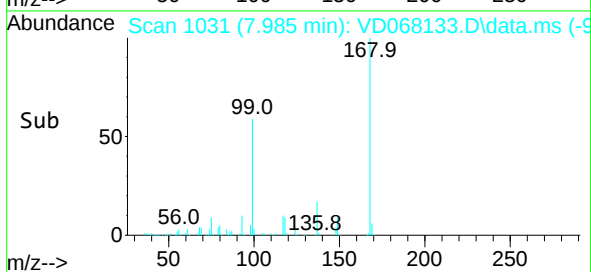
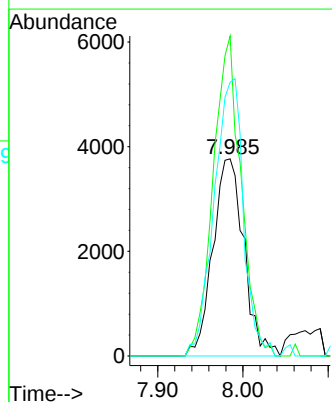
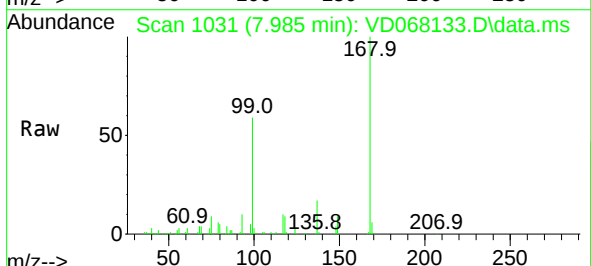


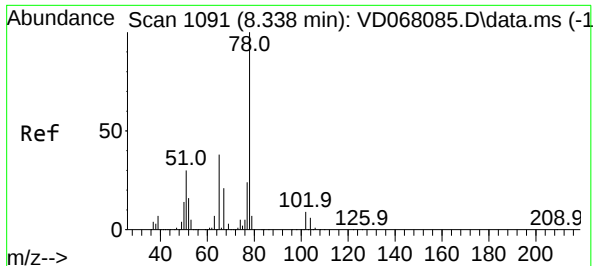
Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
58 32.9 24.2 36.4



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Tgt Ion: 56 Resp: 9535
Ion Ratio Lower Upper
56 100
69 162.3 30.1 45.1#
84 146.2 82.1 123.1#

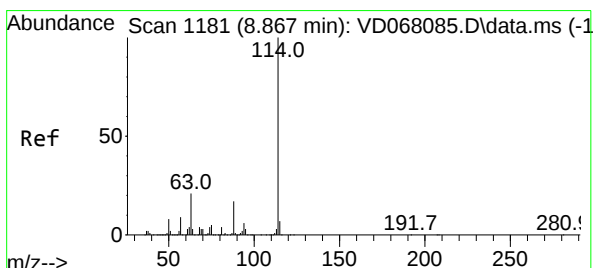
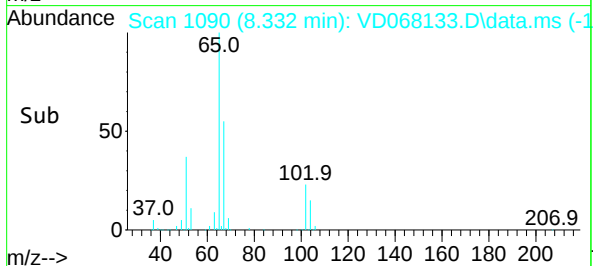
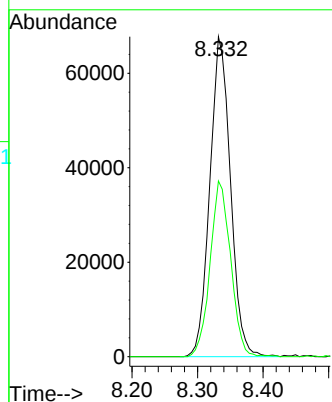
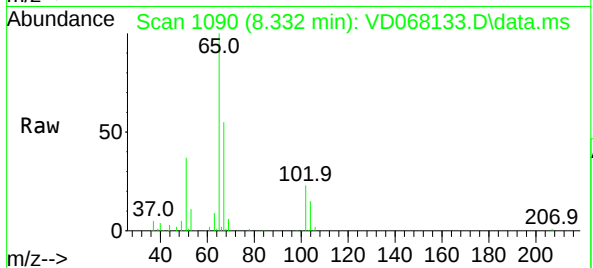




#33
1,2-Dichloroethane-d4
Concen: 47.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

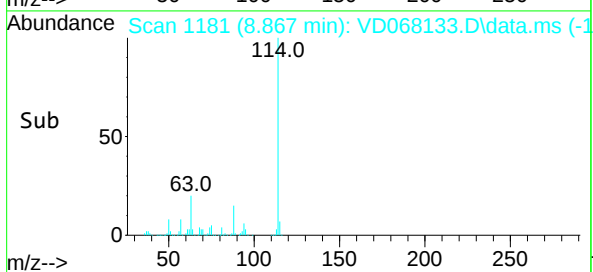
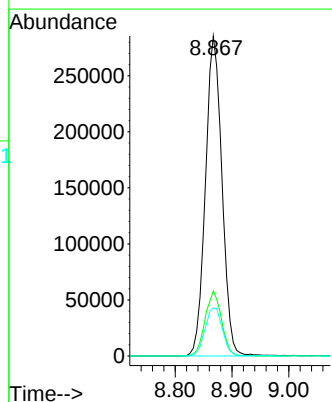
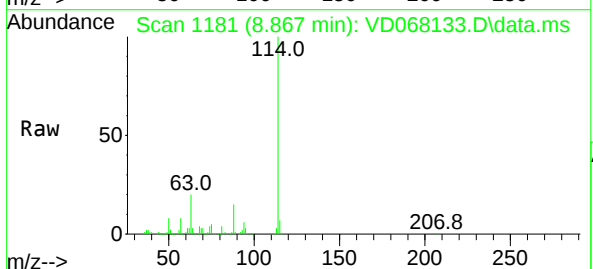
Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

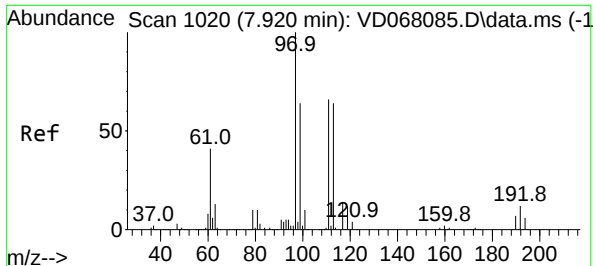
Tgt Ion: 65 Resp: 148113
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Tgt Ion: 114 Resp: 574941
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 44.19 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068133.D

Acq: 21 Jan 2021 15:25

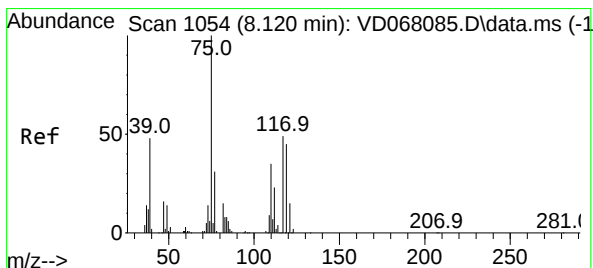
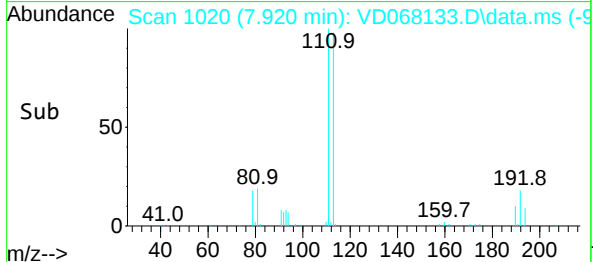
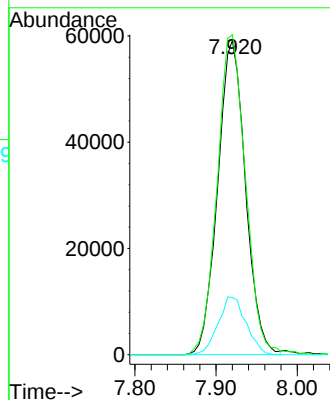
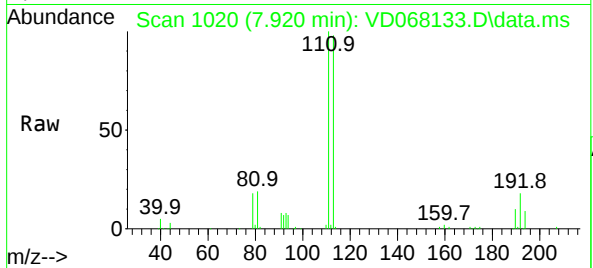
Tgt Ion:113 Resp: 140452

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068133.D

Acq: 21 Jan 2021 15:25

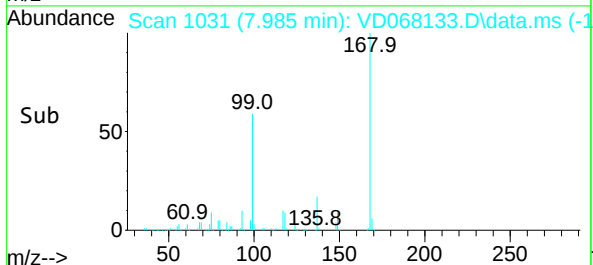
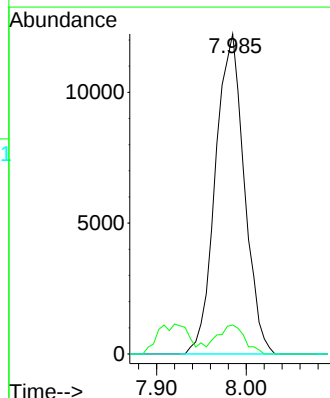
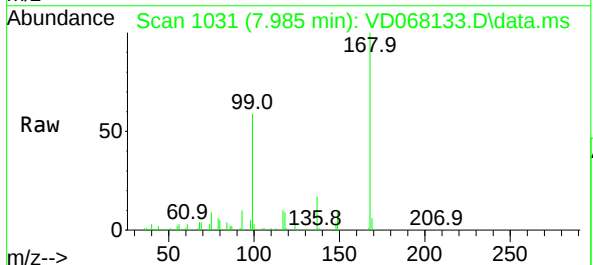
Tgt Ion: 75 Resp: 27251

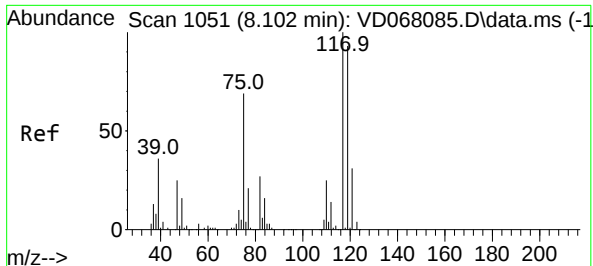
Ion Ratio Lower Upper

75 100

110 8.5 19.4 58.2#

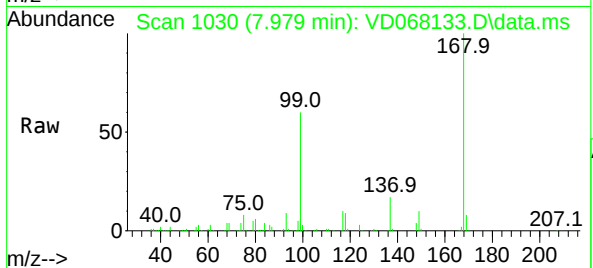
77 0.0 25.3 37.9#



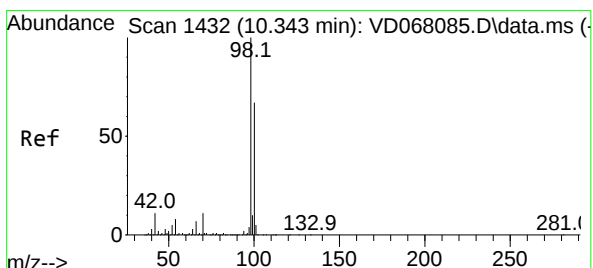
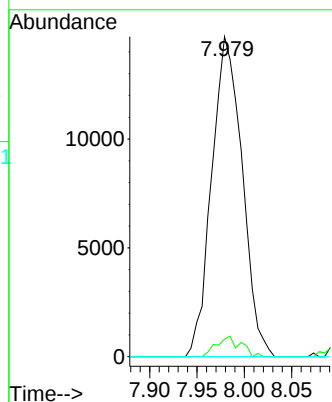
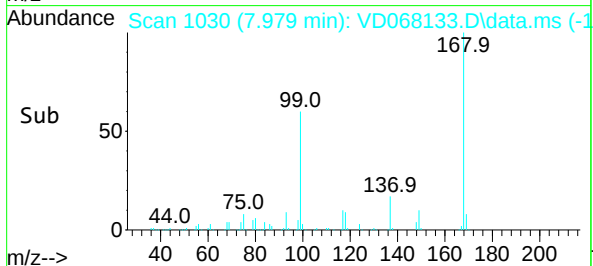


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

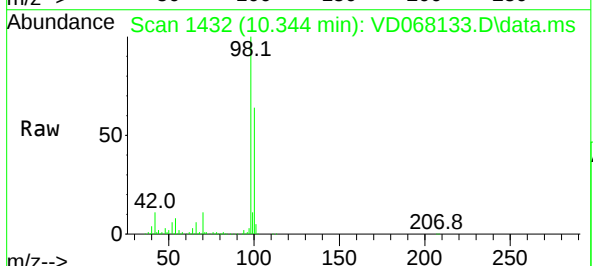
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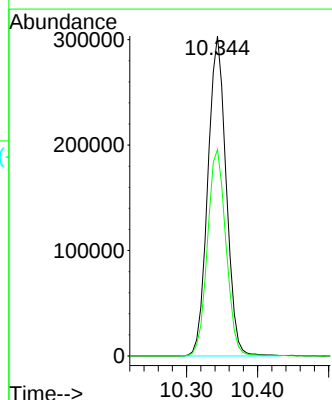
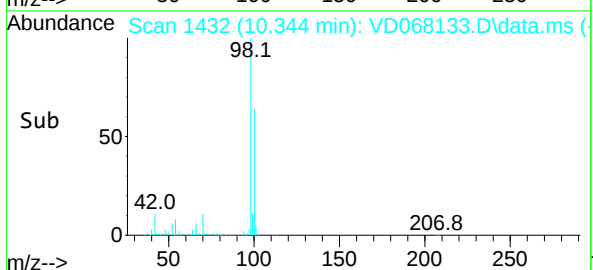
Tgt Ion:117 Resp: 32955
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#

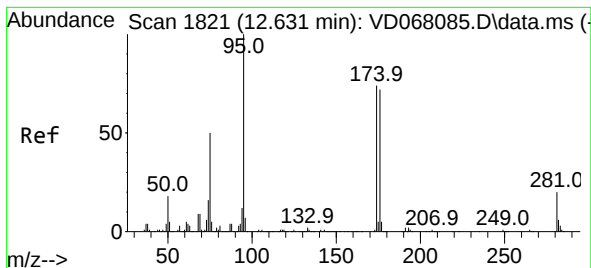


#50
Toluene-d8
Concen: 42.76 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25



Tgt Ion: 98 Resp: 543633
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

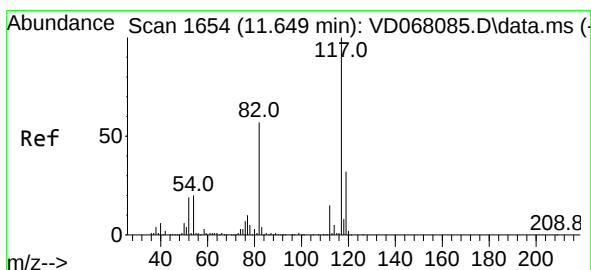
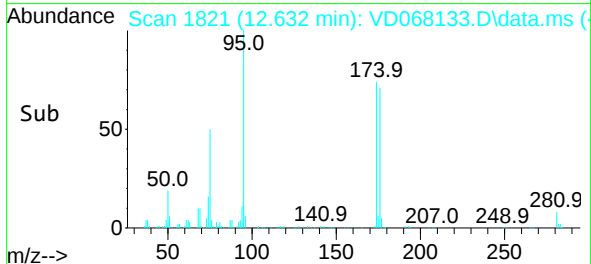
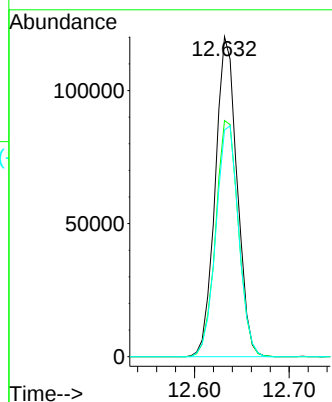
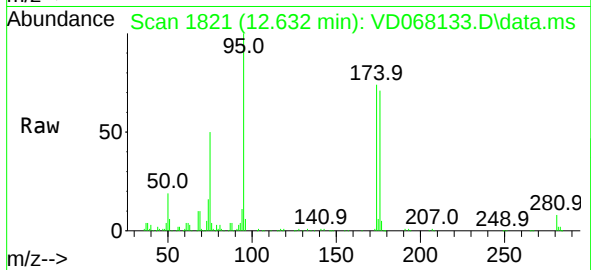




#62
4-Bromofluorobenzene
Concen: 42.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

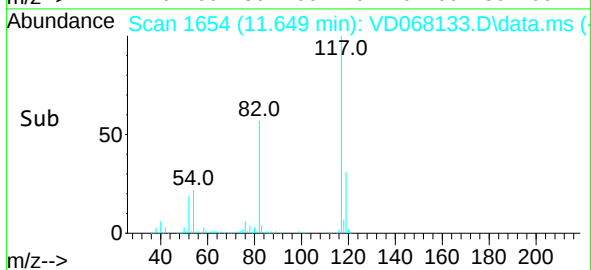
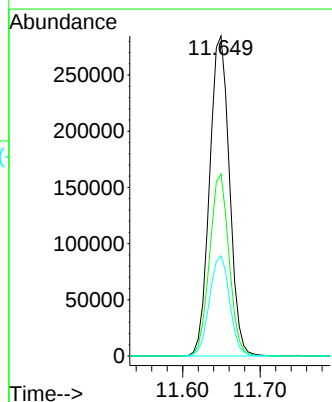
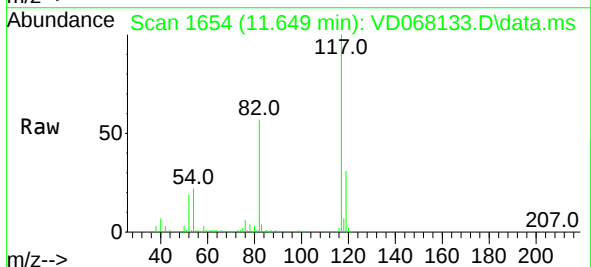
Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

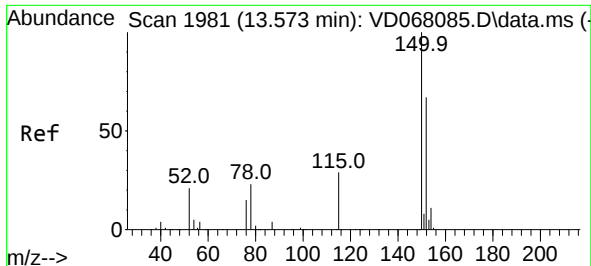
Tgt Ion: 95 Resp: 192678
Ion Ratio Lower Upper
95 100
174 76.7 0.0 172.4
176 75.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

Tgt Ion: 117 Resp: 506486
Ion Ratio Lower Upper
117 100
82 56.9 41.4 62.0
119 31.3 26.1 39.1

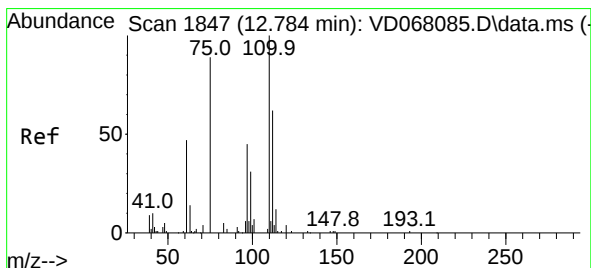
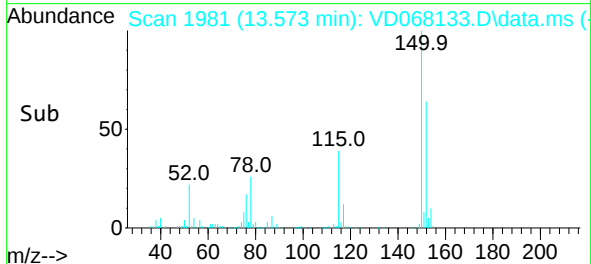
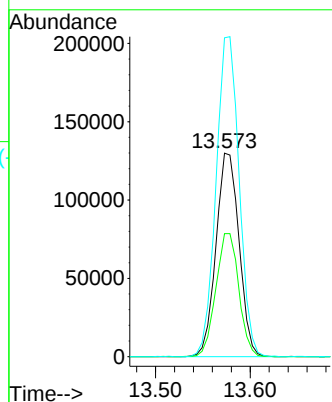
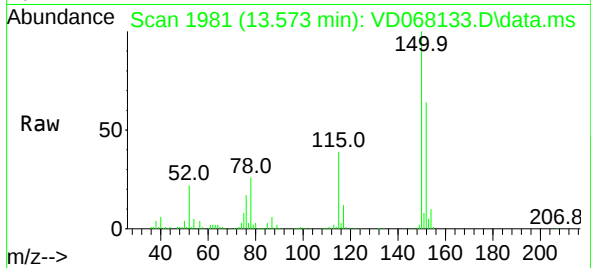




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

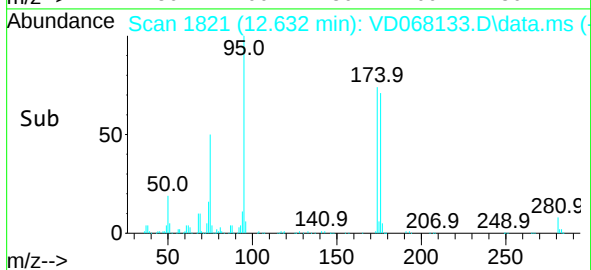
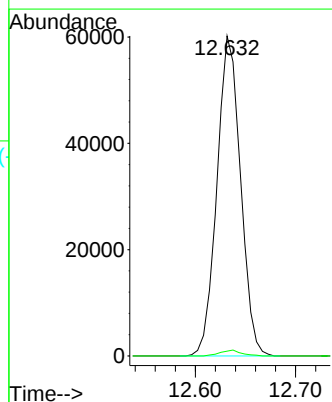
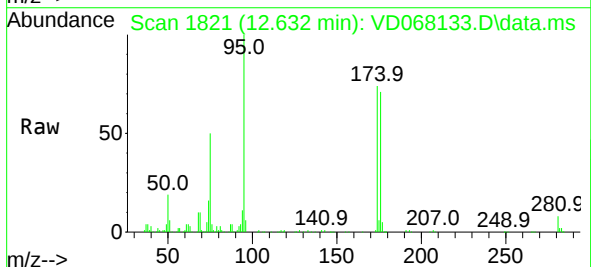
Instrument :
MSVOA_D
ClientSampleId :
TT-036-IDWSO-20210120

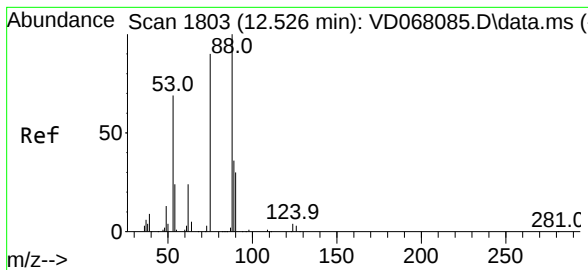
Tgt Ion:152 Resp: 220060
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 157.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 46.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068133.D
Acq: 21 Jan 2021 15:25

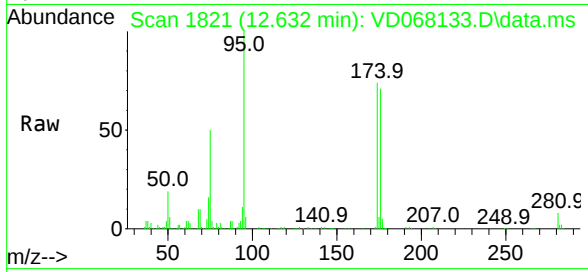
Tgt Ion: 75 Resp: 98161
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.35 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068133.D
 Acq: 21 Jan 2021 15:25

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-036-IDWSO-20210120



Tgt Ion: 75 Resp: 98161
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

