

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067953.D
 Acq On : 28 Dec 2020 11:11
 Operator : VA/SY
 Sample : VD1228SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 29 00:09:24 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

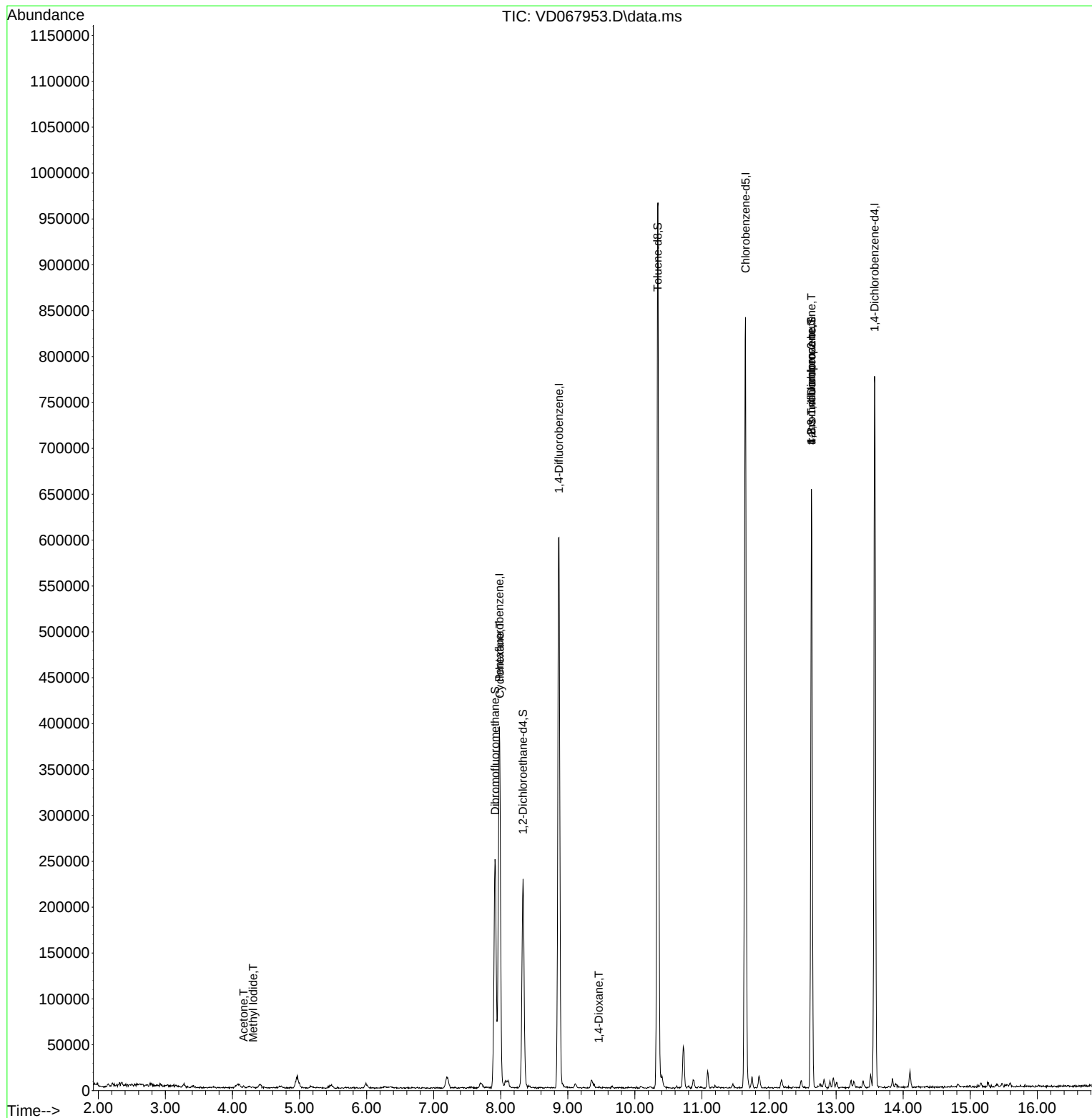
Internal Standards						
1) Pentafluorobenzene	7.979	168	276541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	523137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	487576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	202809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	172919	57.91	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.82%
35) Dibromofluoromethane	7.914	113	180620	54.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.60%
50) Toluene-d8	10.338	98	654867	52.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.72%
62) 4-Bromofluorobenzene	12.632	95	202803	47.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.70%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1881	Below Cal	#	74
10) Methyl Iodide	4.309	142	904	4.11 ug/l	#	84
11) Tert butyl alcohol	5.203	59	1198	Below Cal	#	74
16) Acetone	4.167	43	2489	4.37 ug/l		98
20) Methylene Chloride	4.956	84	4688	Below Cal	#	89
31) Cyclohexane	7.985	56	9396	1.54 ug/l	#	35
49) 1,4-Dioxane	9.461	88	67	3.07 ug/l	#	24
76) 1,2,3-Trichloropropane	12.632	75	99202	58.10 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	99202	119.09 ug/l	#	13

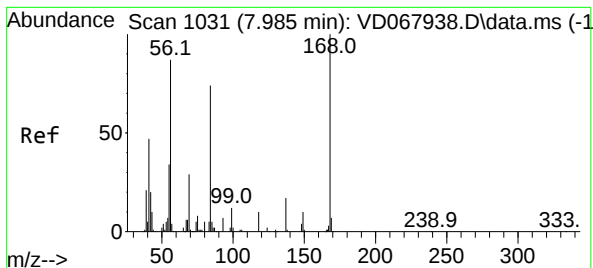
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD067953.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
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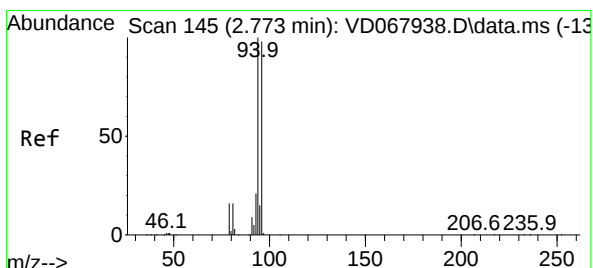
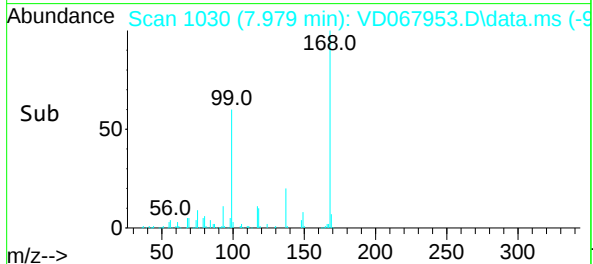
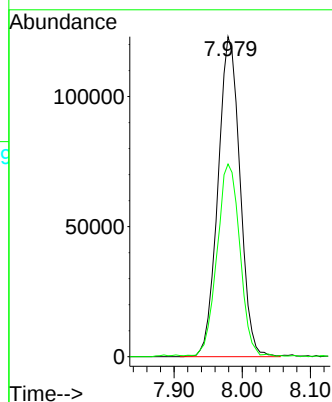
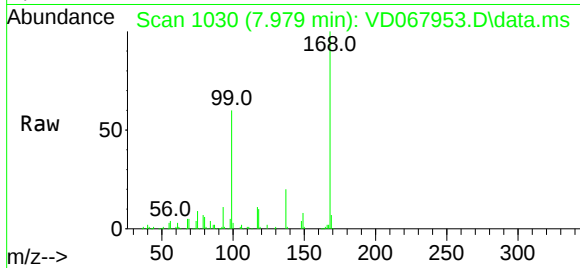




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

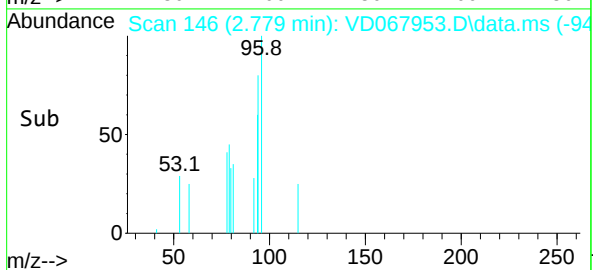
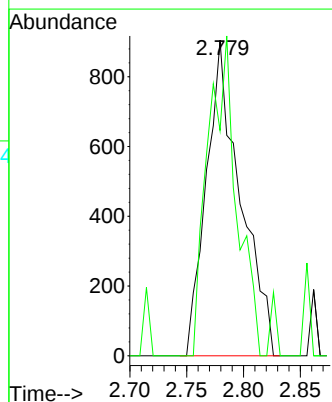
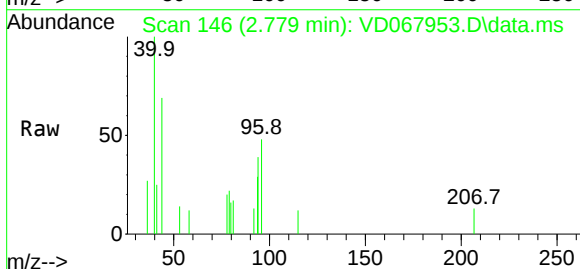
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 276541
Ion Ratio Lower Upper
168 100
99 59.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

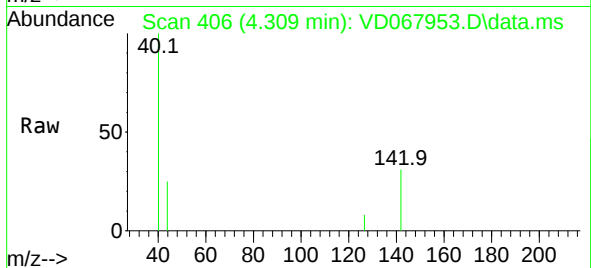
Tgt Ion: 94 Resp: 1881
Ion Ratio Lower Upper
94 100
96 71.4 78.0 117.0#



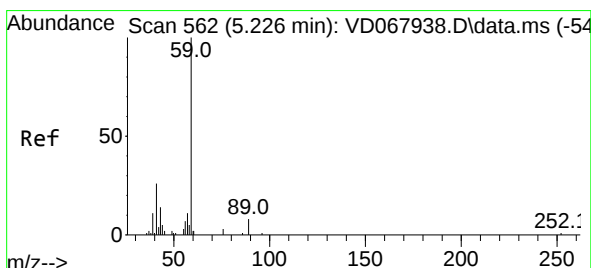
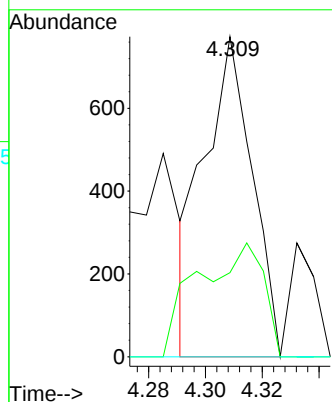
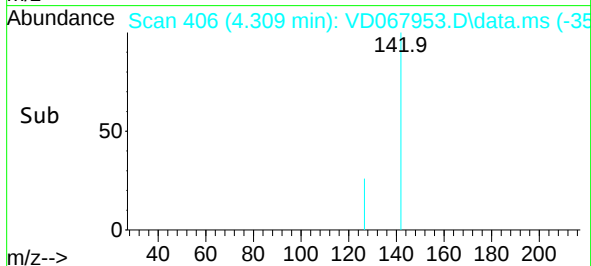


#10
Methyl Iodide
Concen: 4.11 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

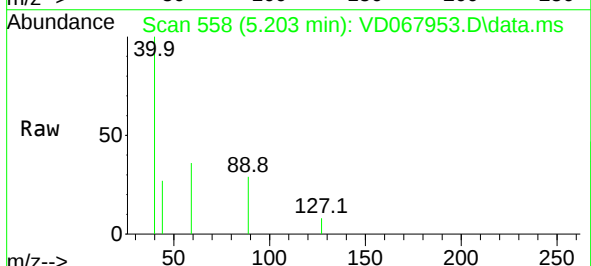
Instrument :
MSVOA_D
ClientSampleId :



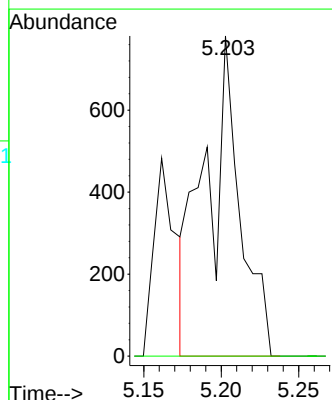
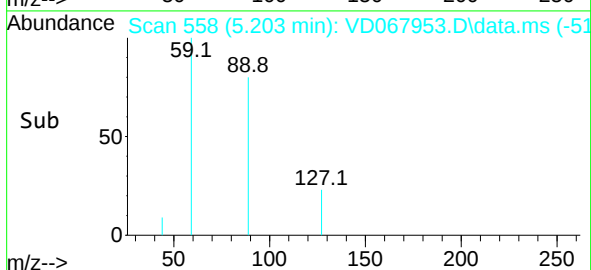
Tgt Ion:142 Resp: 904
Ion Ratio Lower Upper
142 100
127 48.8 34.4 51.6
141 0.0 11.8 17.8#

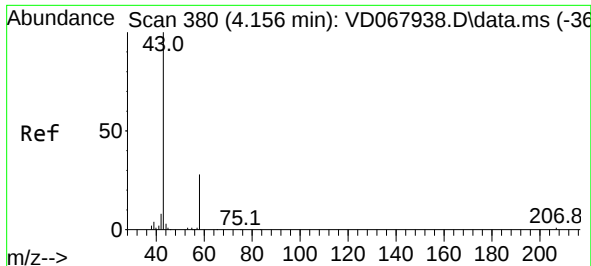


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11



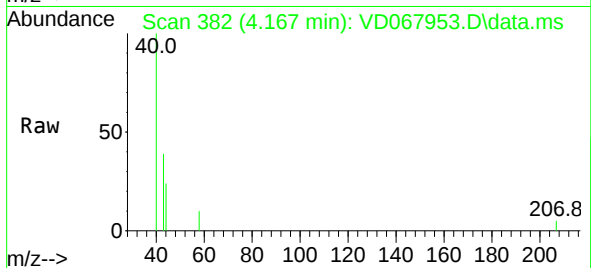
Tgt Ion: 59 Resp: 1198
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



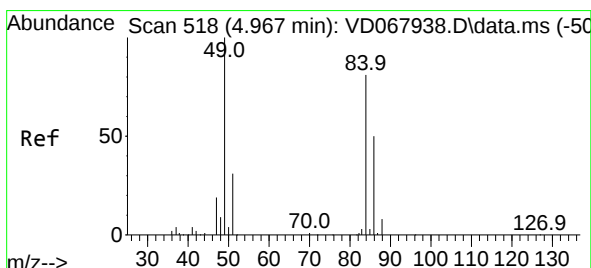
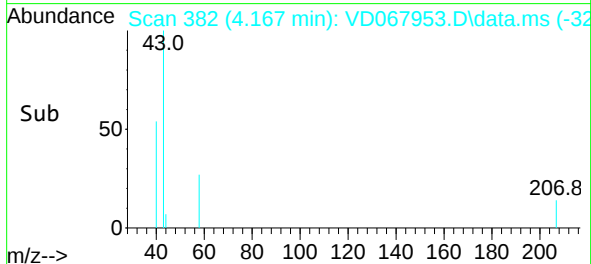
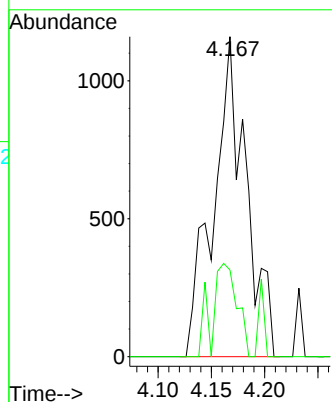


#16
Acetone
Concen: 4.37 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Instrument :
MSVOA_D
ClientSampled :

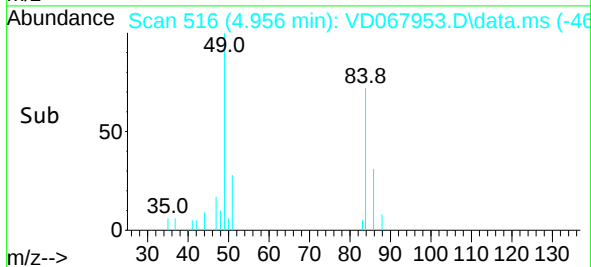
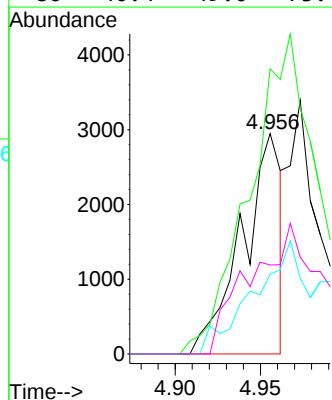
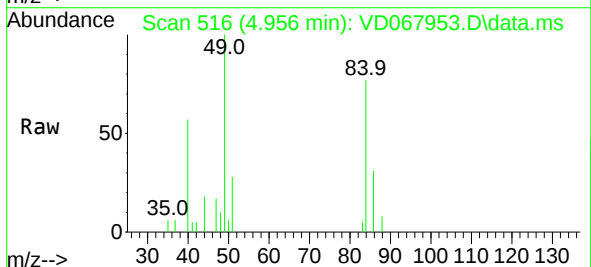


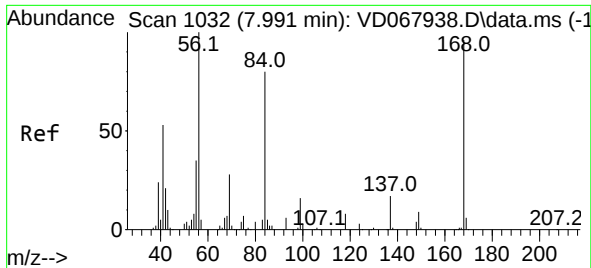
Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

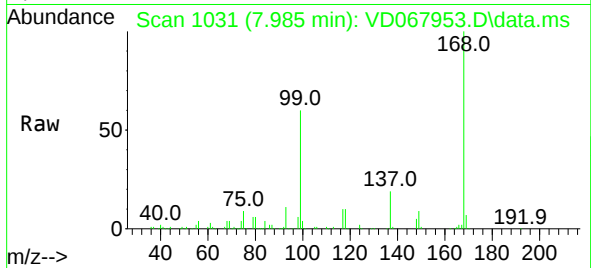
Tgt Ion: 84 Resp: 4688
Ion Ratio Lower Upper
84 100
49 129.4 98.3 147.5
51 36.2 30.3 45.5
86 40.4 49.0 73.4#



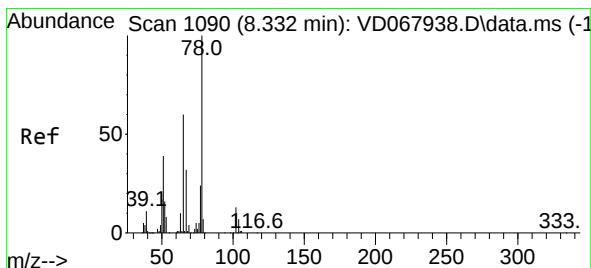
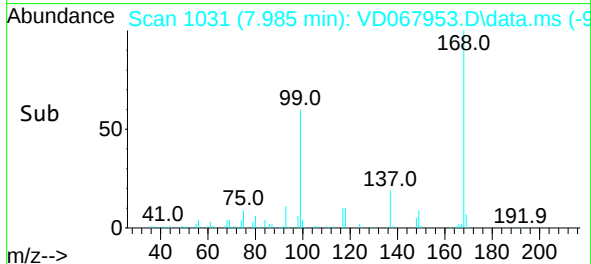
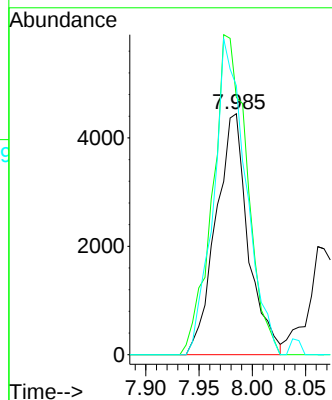


#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :

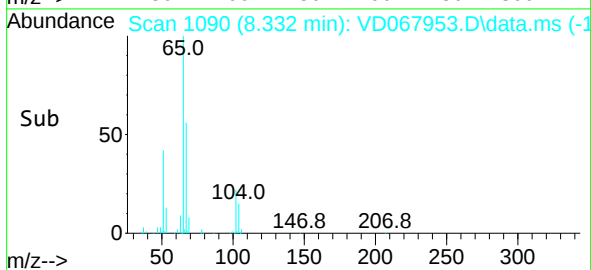
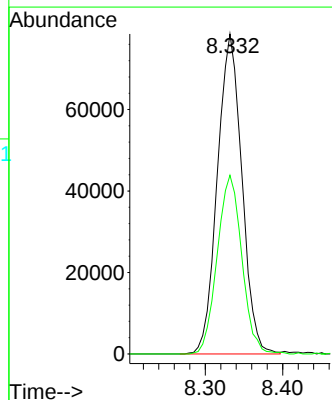
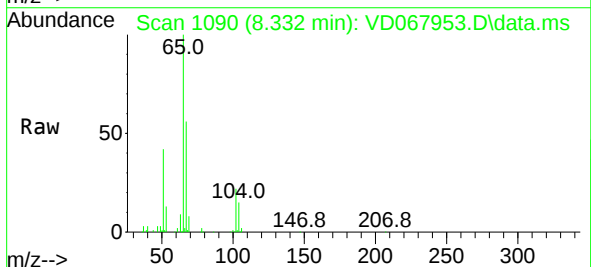


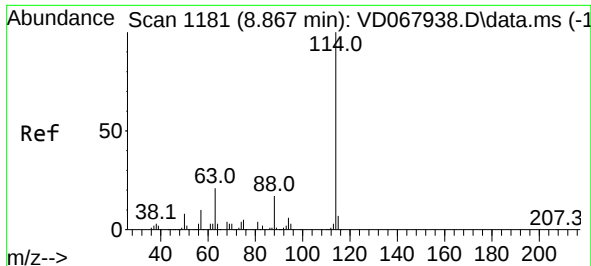
Tgt Ion: 56 Resp: 9396
Ion Ratio Lower Upper
56 100
69 106.8 22.7 34.1#
84 111.6 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 57.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Tgt Ion: 65 Resp: 172919
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.0

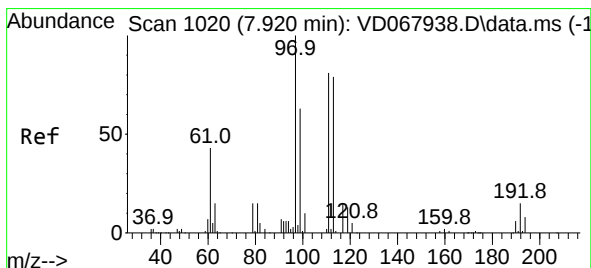
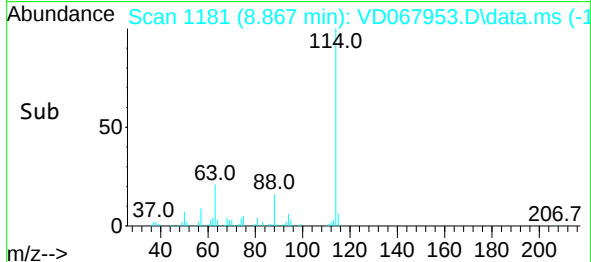
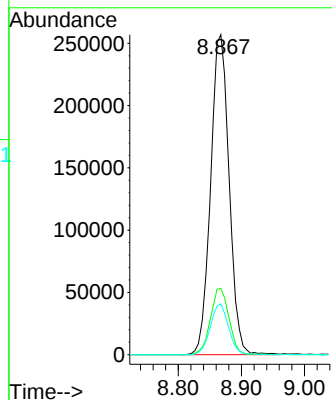
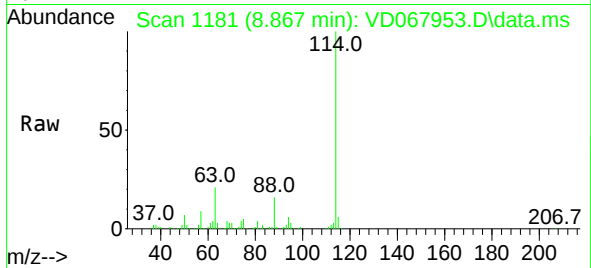




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

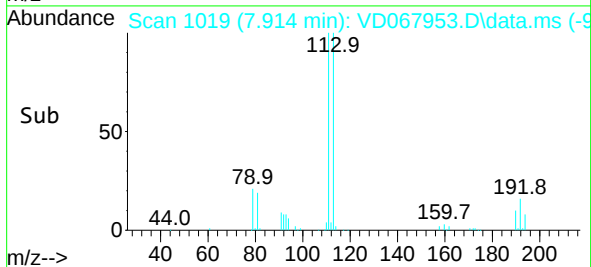
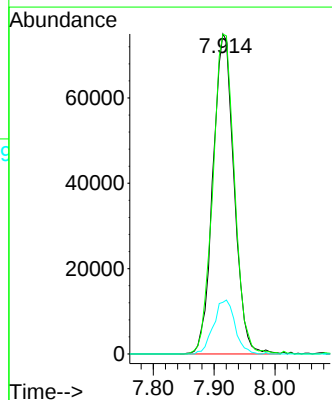
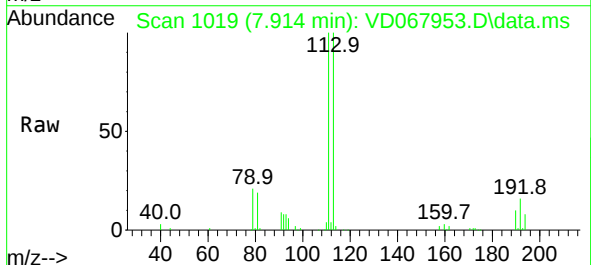
Instrument :
MSVOA_D
ClientSampled :

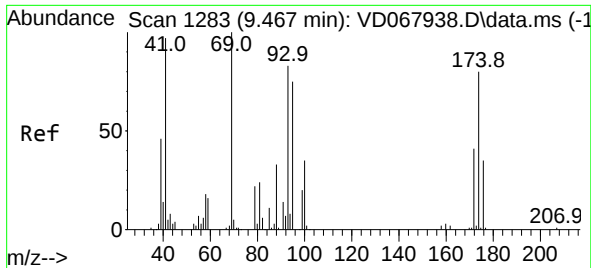
Tgt Ion:114 Resp: 523137
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.4
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.80 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

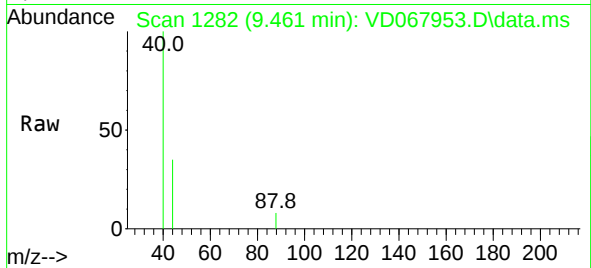
Tgt Ion:113 Resp: 180620
Ion Ratio Lower Upper
113 100
111 102.1 79.3 118.9
192 17.0 14.5 21.7



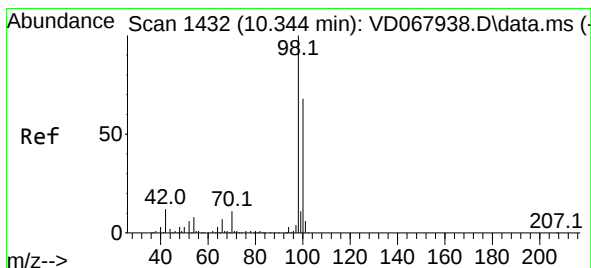
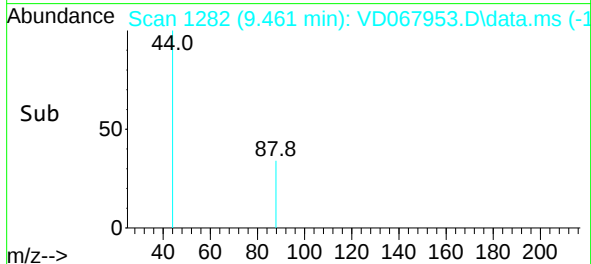
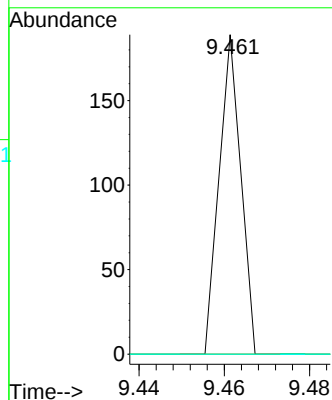


#49
1,4-Dioxane
Concen: 3.07 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :

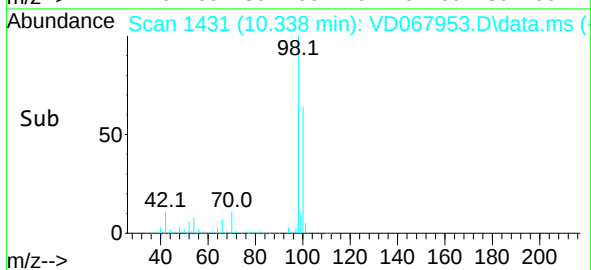
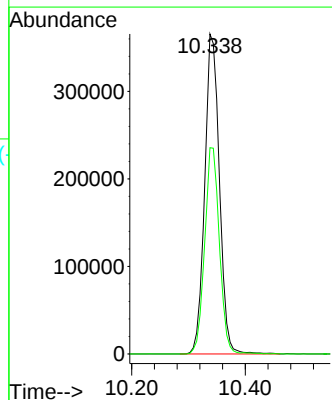
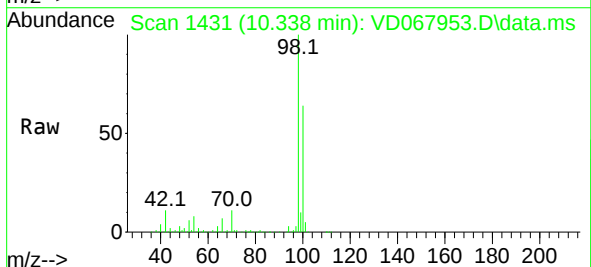


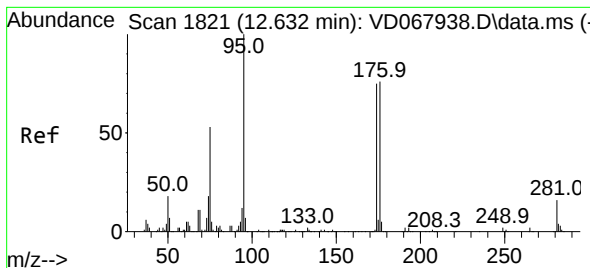
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 27.3 40.9#
58 0.0 54.8 82.2#



#50
Toluene-d8
Concen: 52.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Tgt Ion: 98 Resp: 654867
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

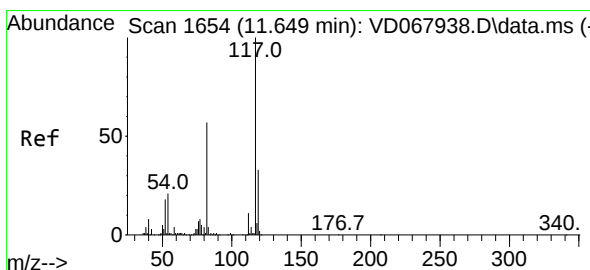
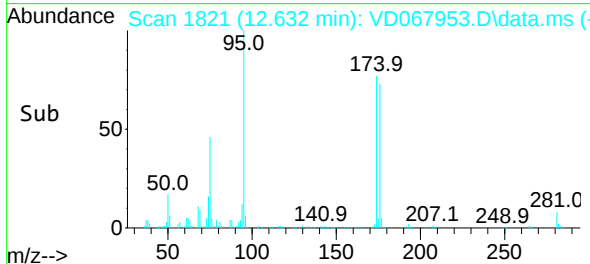
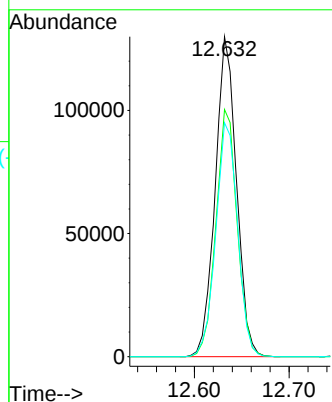
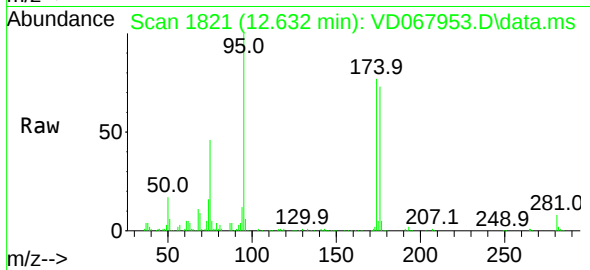




#62
4-Bromofluorobenzene
Concen: 47.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

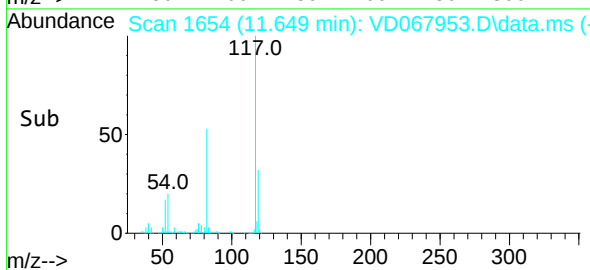
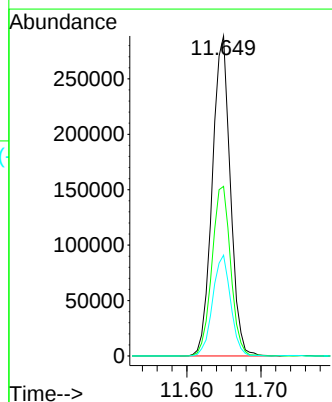
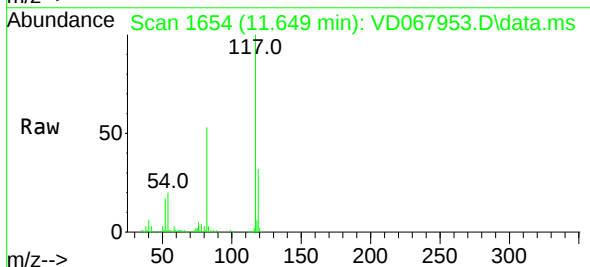
Instrument :
MSVOA_D
ClientSampleId :

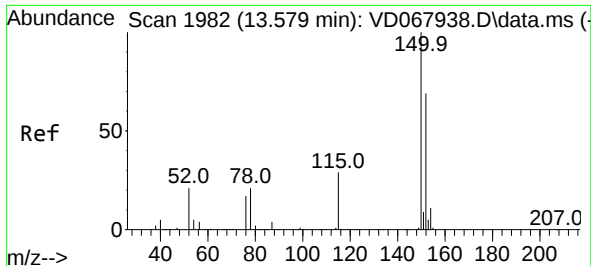
Tgt Ion: 95 Resp: 202803
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 74.8 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Tgt Ion:117 Resp: 487576
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 31.5 26.7 40.1

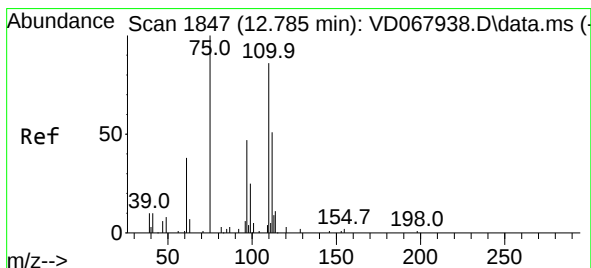
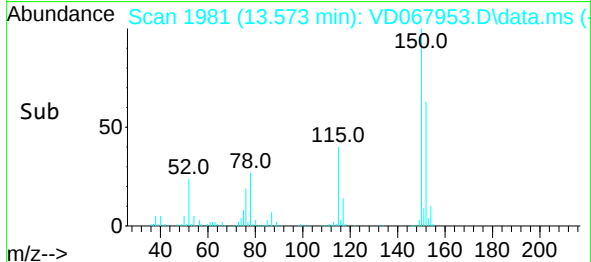
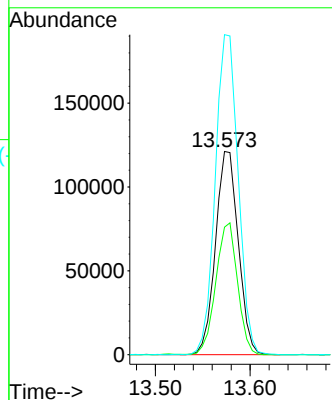
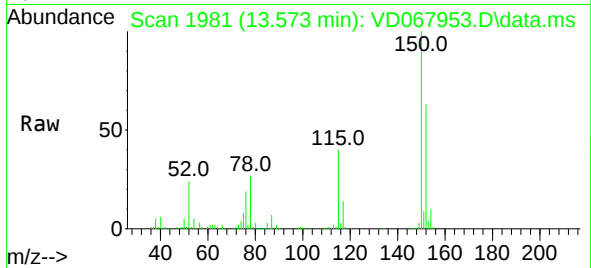




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

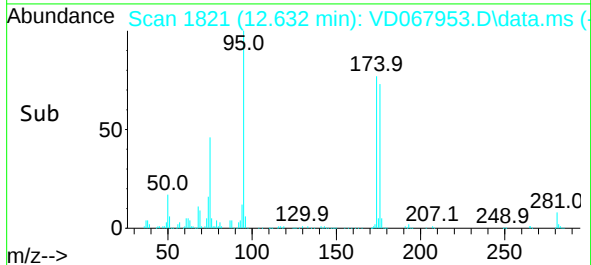
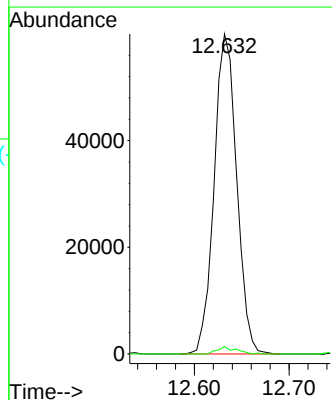
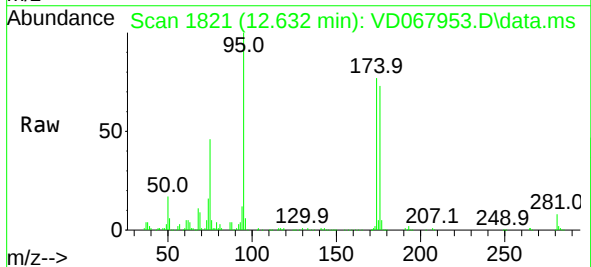
Instrument :
MSVOA_D
ClientSampleId :

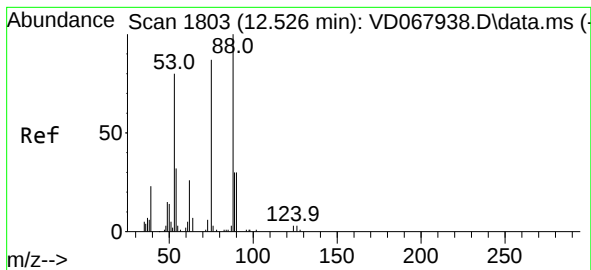
Tgt Ion:152 Resp: 202809
Ion Ratio Lower Upper
152 100
115 61.9 29.3 88.0
150 158.5 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 58.10 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

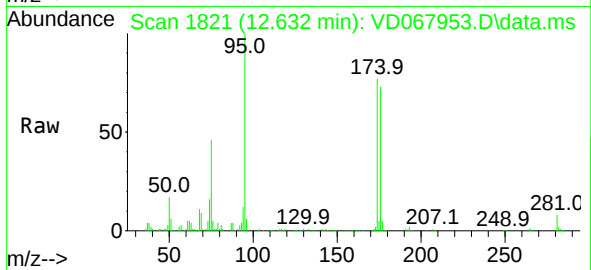
Tgt Ion: 75 Resp: 99202
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067953.D
Acq: 28 Dec 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.9	112.3#
89	0.3	33.8	50.8#

