

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068072.D
 Acq On : 13 Jan 2021 15:40
 Operator : VA/SY
 Sample : M1090-04
 Misc : 7.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORE-3-1FT-7FT

Quant Time: Jan 13 17:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

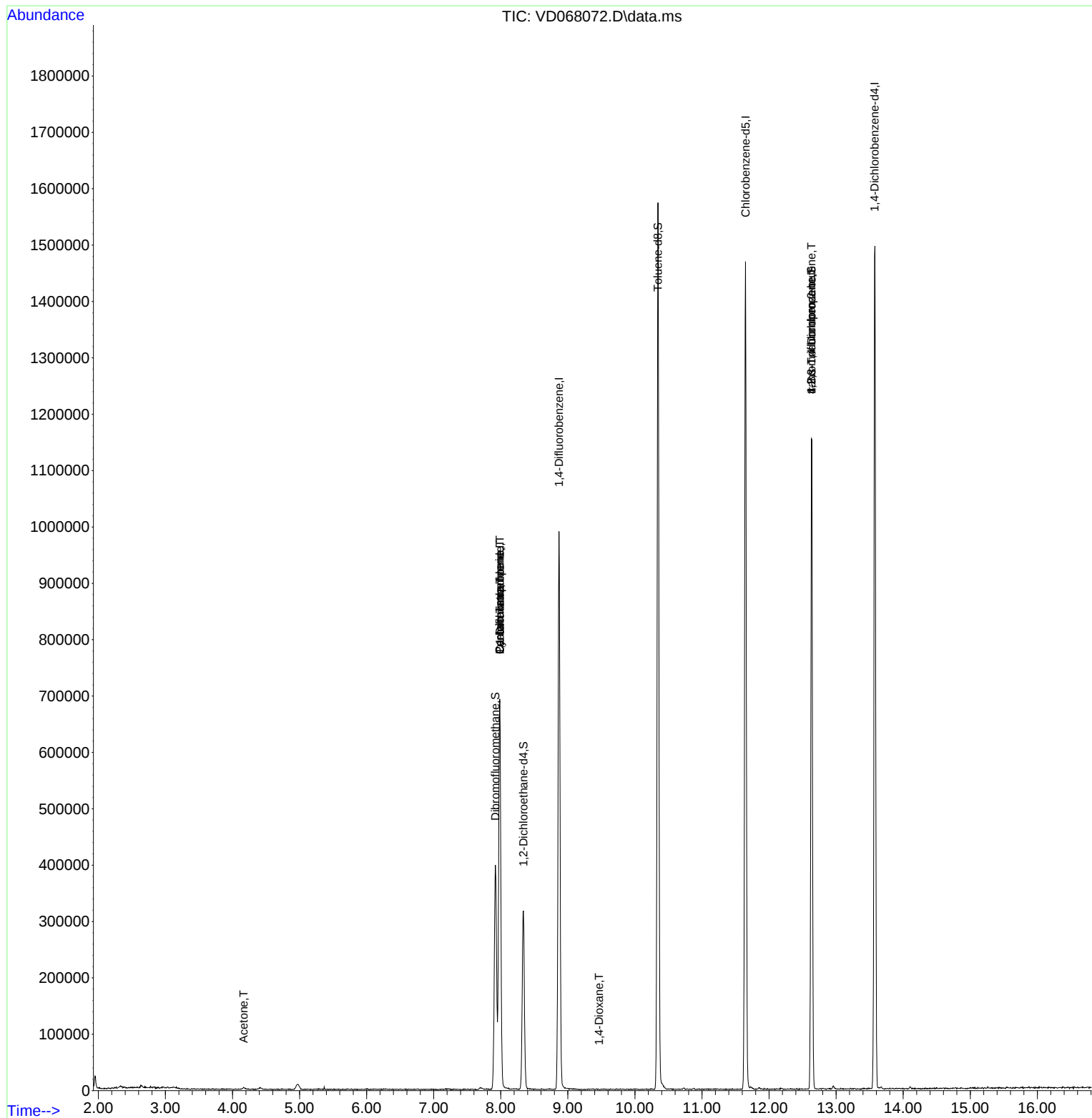
Internal Standards						
1) Pentafluorobenzene	7.985	168	543242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	915307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	903828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	435218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	263008	56.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.88%			
35) Dibromofluoromethane	7.920	113	289243	55.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.88%			
50) Toluene-d8	10.343	98	1096352	57.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.04%			
62) 4-Bromofluorobenzene	12.631	95	396516	58.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.72%			
Target Compounds						
11) Tert butyl alcohol	5.220	59	59	Below Cal	#	74
16) Acetone	4.167	43	6059	8.28	ug/l	# 82
20) Methylene Chloride	4.973	84	8341	Below Cal		97
31) Cyclohexane	7.985	56	9214	1.20	ug/l	# 28
36) 1,1-Dichloropropene	7.985	75	38145	4.74	ug/l	# 49
38) Carbon Tetrachloride	7.985	117	54117	5.64	ug/l	# 17
49) 1,4-Dioxane	9.467	88	61	1.87	ug/l	# 30
76) 1,2,3-Trichloropropane	12.631	75	191025	55.40	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.631	75	191025	124.29	ug/l	# 13

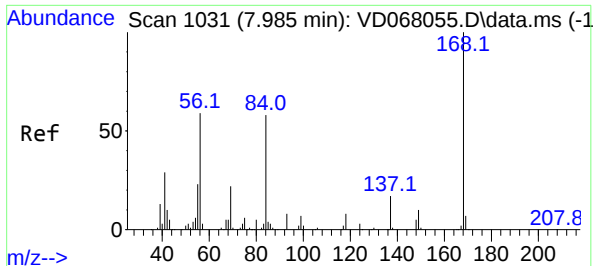
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068072.D
Acq On : 13 Jan 2021 15:40
Operator : VA/SY
Sample : M1090-04
Misc : 7.51G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

Quant Time: Jan 13 17:24:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

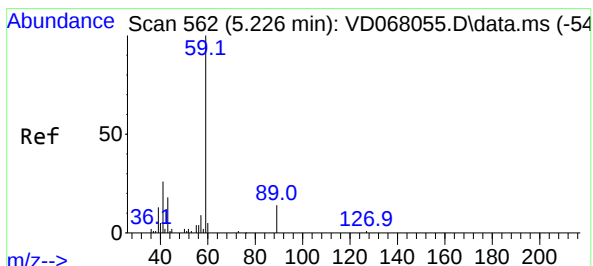
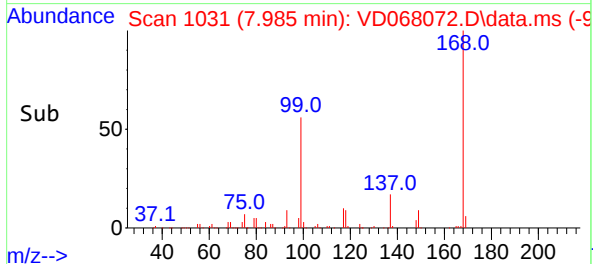
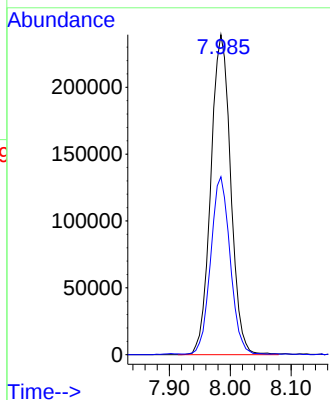
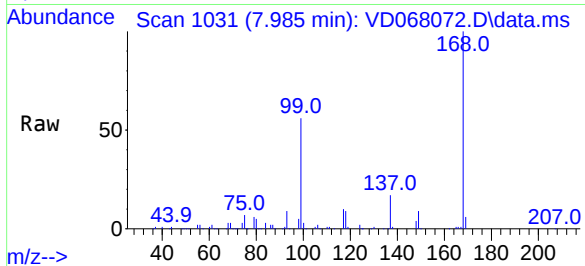




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

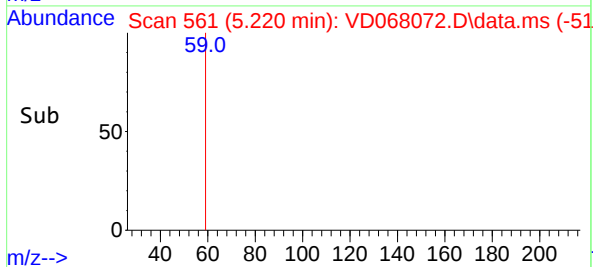
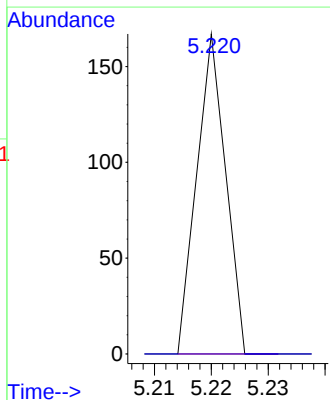
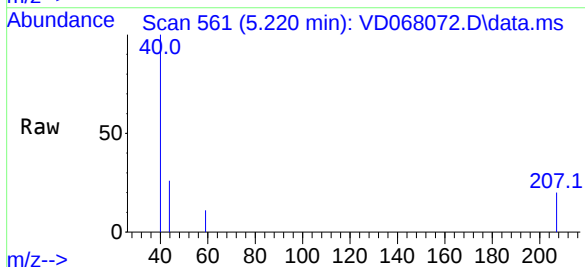
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

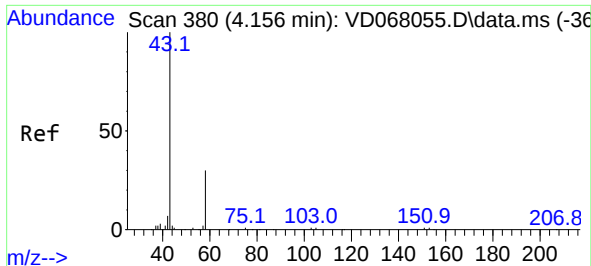
Tgt Ion:168 Resp: 543242
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

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

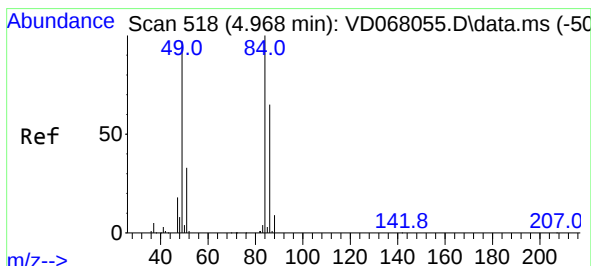
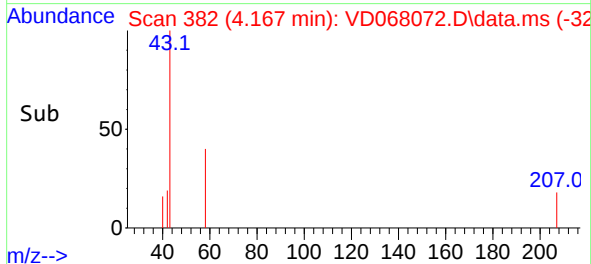
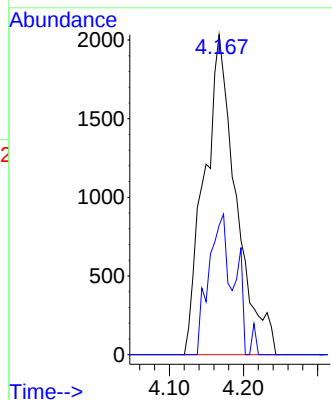
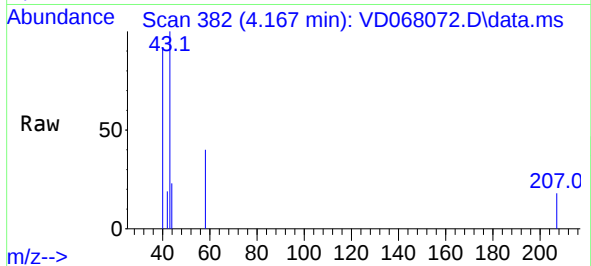




#16
Acetone
Concen: 8.28 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

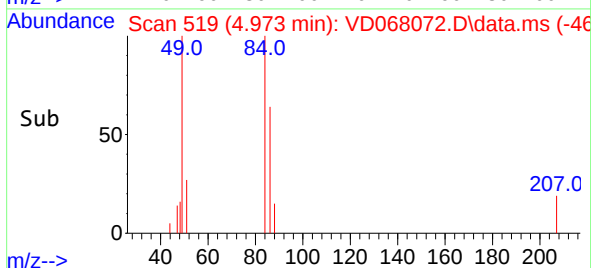
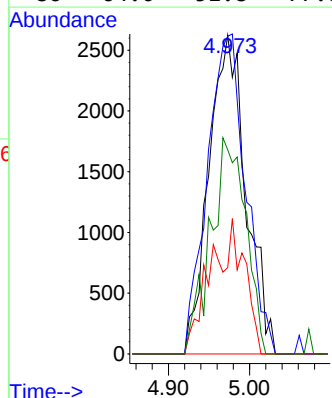
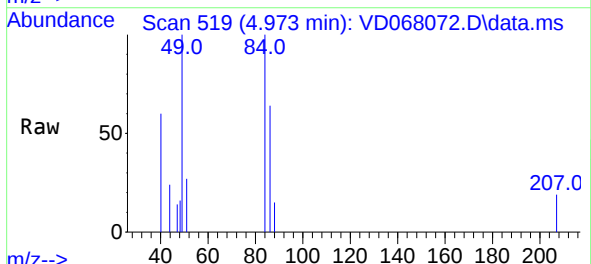
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

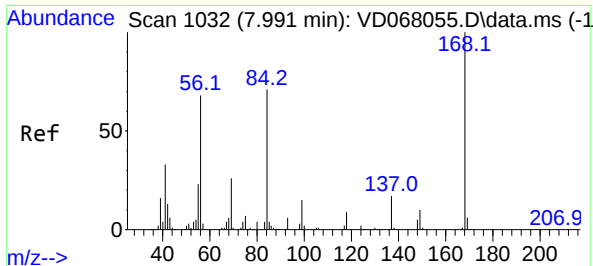
Tgt Ion: 43 Resp: 6059
Ion Ratio Lower Upper
43 100
58 40.4 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 84 Resp: 8341
Ion Ratio Lower Upper
84 100
49 99.7 77.4 116.2
51 27.1 26.1 39.1
86 64.0 51.8 77.8

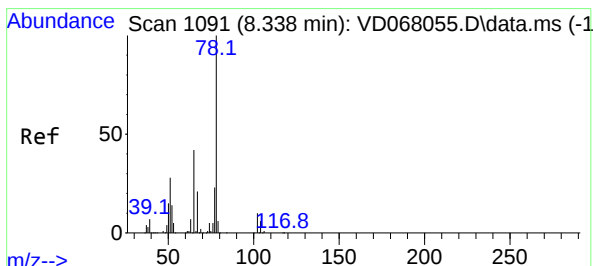
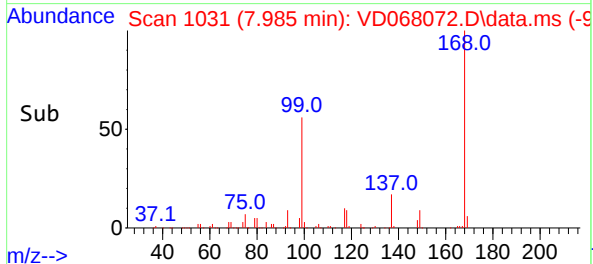
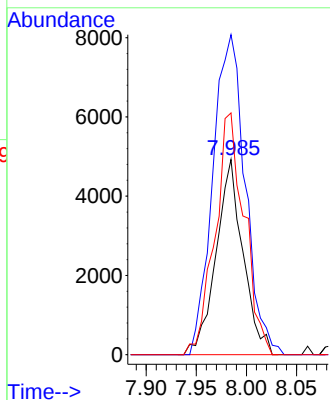
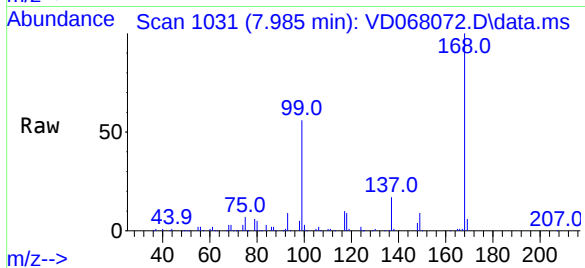




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

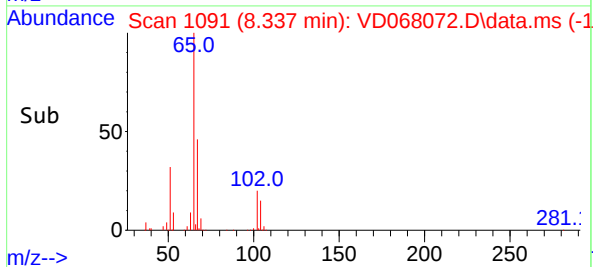
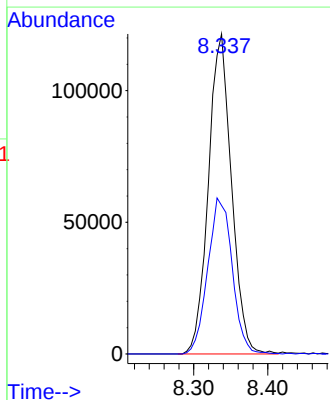
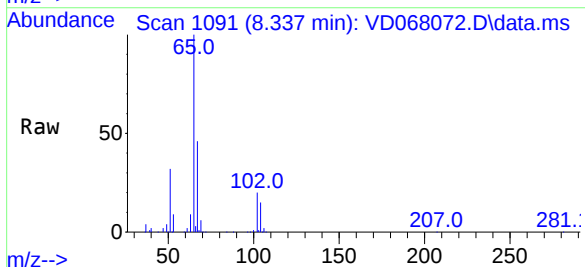
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

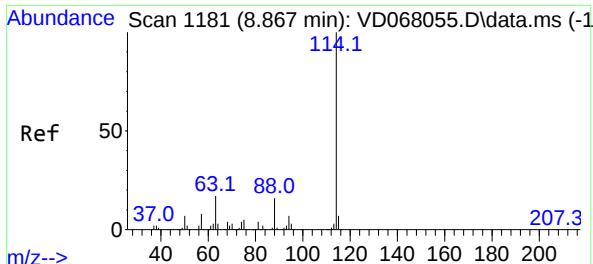
Tgt Ion: 56 Resp: 9214
Ion Ratio Lower Upper
56 100
69 163.9 30.1 45.1#
84 123.8 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.94 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 65 Resp: 263008
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



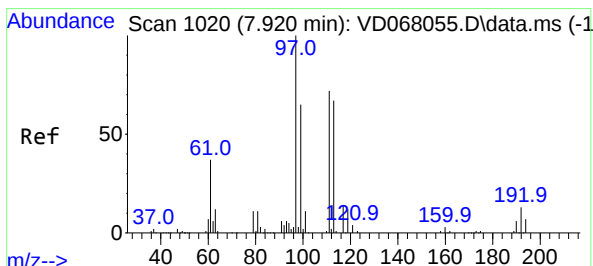
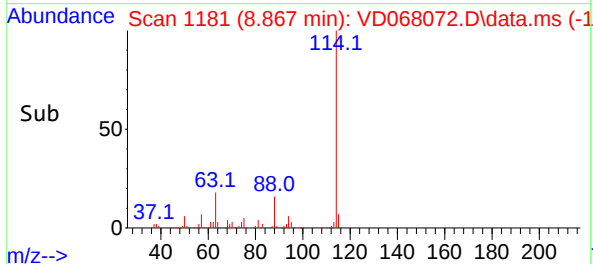
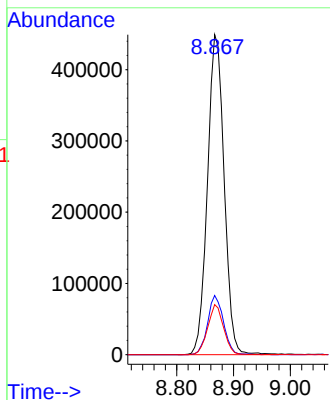
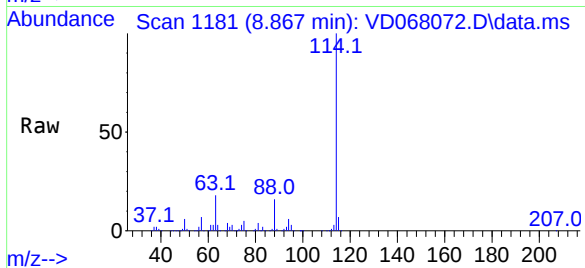


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

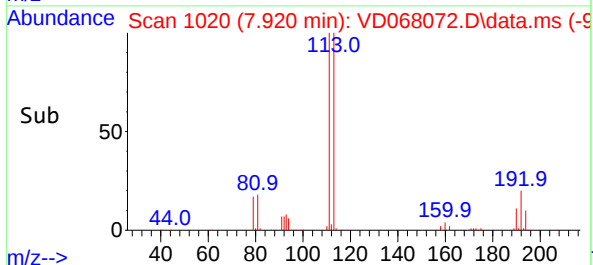
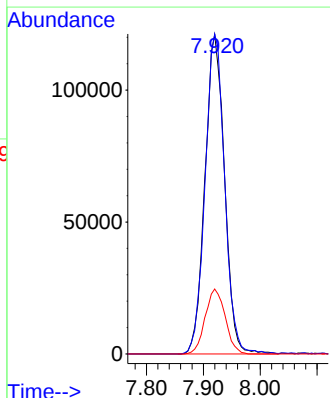
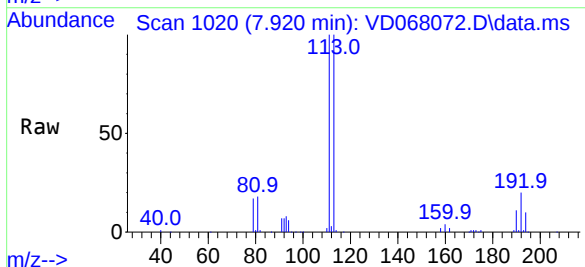
Tgt Ion:114 Resp: 915307
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 15.7 0.0 31.6

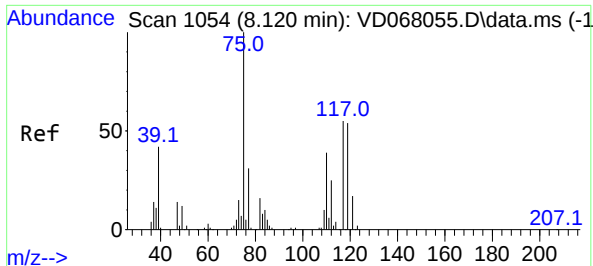


#35

Dibromofluoromethane
Concen: 55.44 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion:113 Resp: 289243
Ion Ratio Lower Upper
113 100
111 100.0 81.4 122.0
192 20.8 16.1 24.1

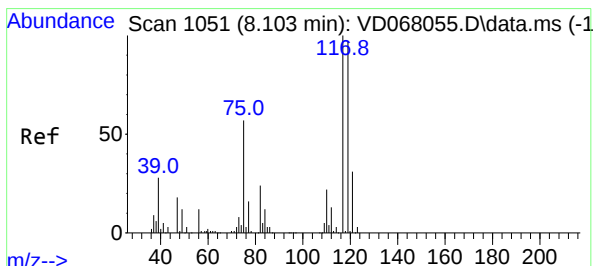
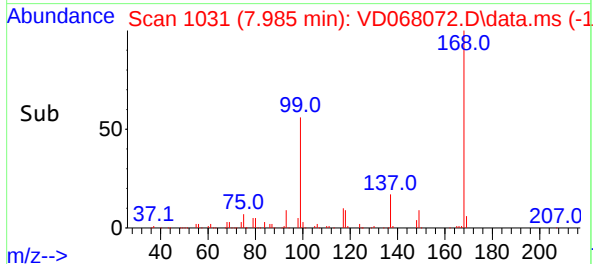
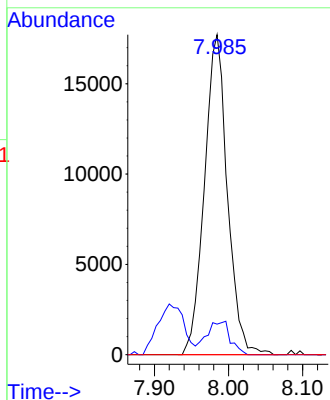
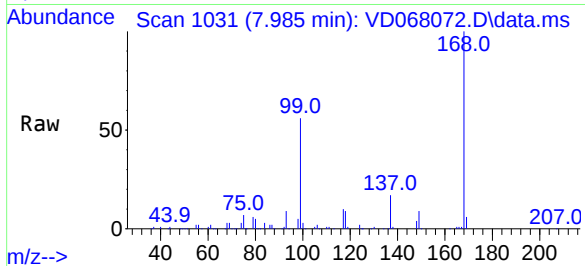




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.136 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

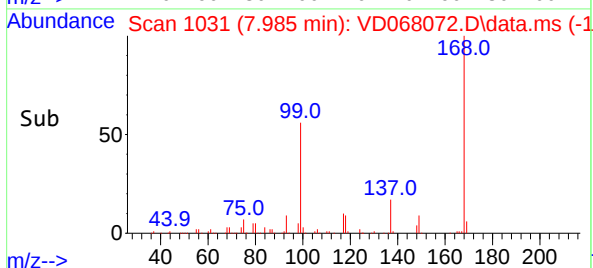
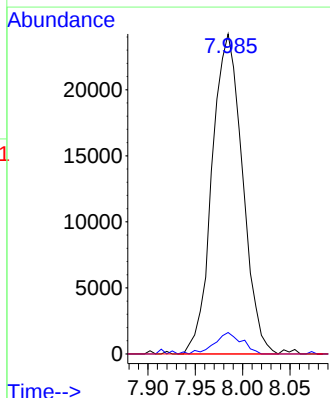
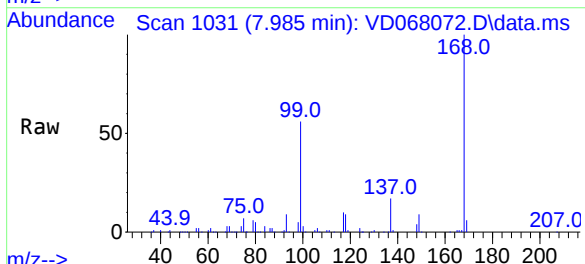
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

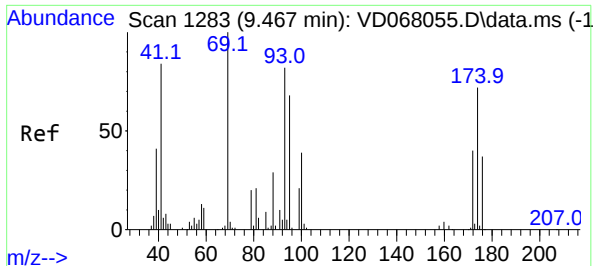
Tgt Ion: 75 Resp: 38145
Ion Ratio Lower Upper
75 100
110 10.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

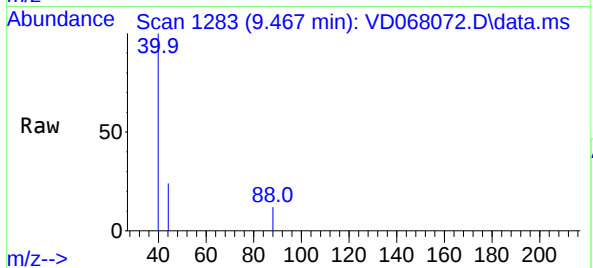
Tgt Ion: 117 Resp: 54117
Ion Ratio Lower Upper
117 100
119 6.7 77.3 115.9#
121 0.0 24.7 37.1#



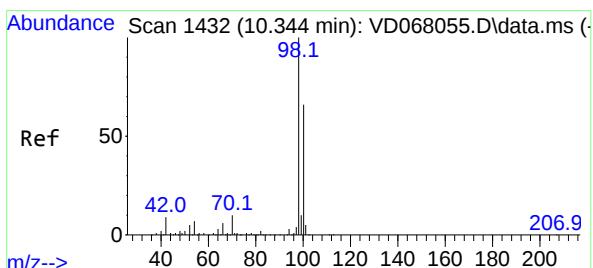
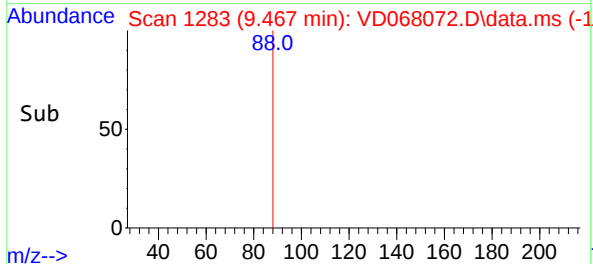
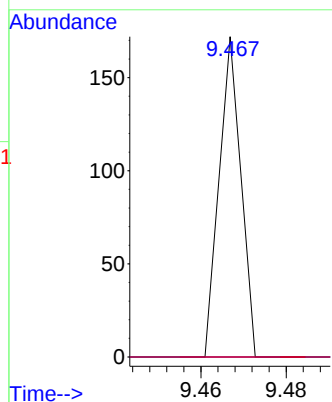


#49
1,4-Dioxane
Concen: 1.87 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

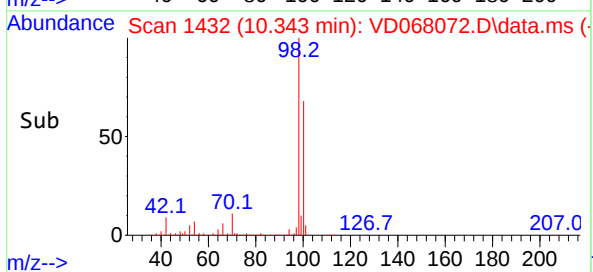
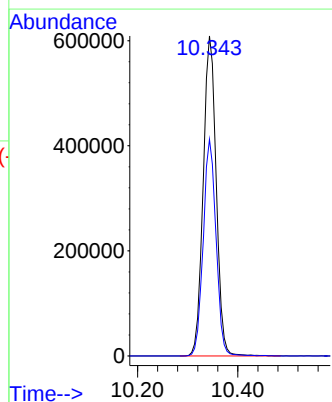
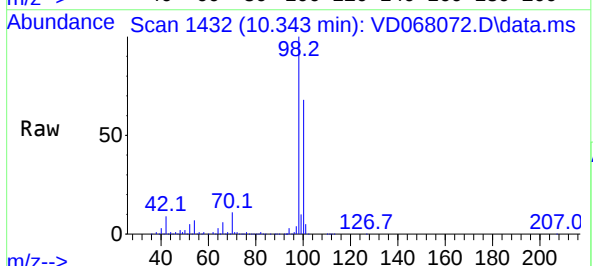


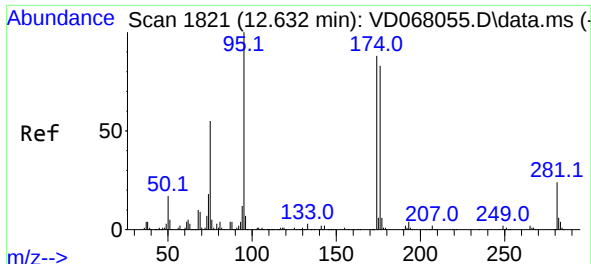
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 57.02 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 98 Resp: 1096352
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

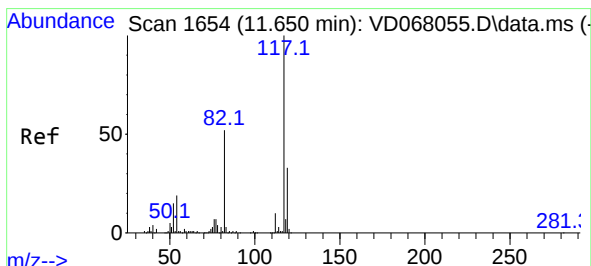
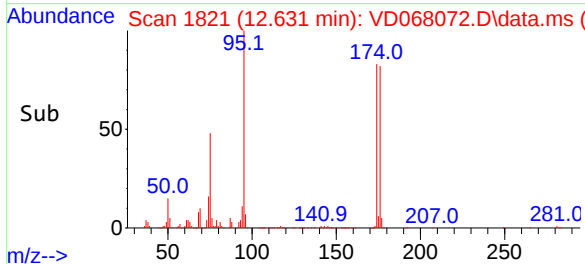
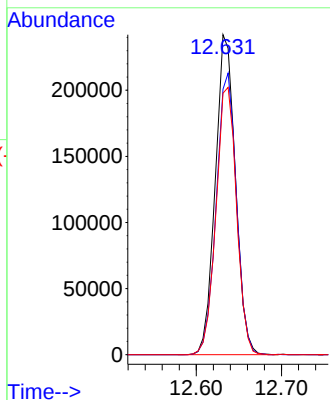
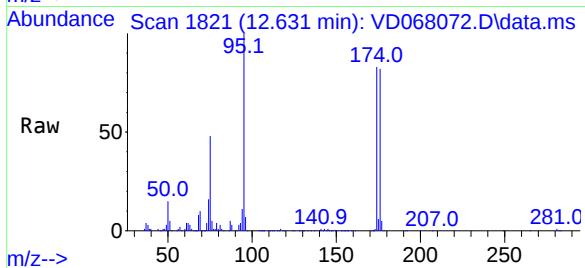




#62
4-Bromofluorobenzene
Concen: 58.86 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

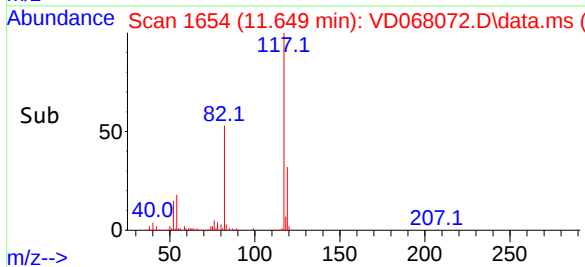
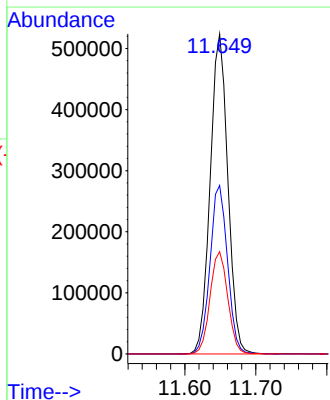
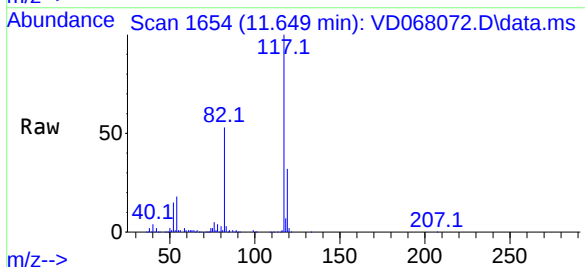
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

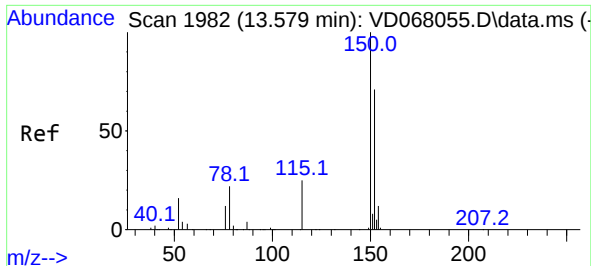
Tgt Ion: 95 Resp: 396516
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.4
176 85.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

Tgt Ion: 117 Resp: 903828
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.0
119 31.9 26.1 39.1

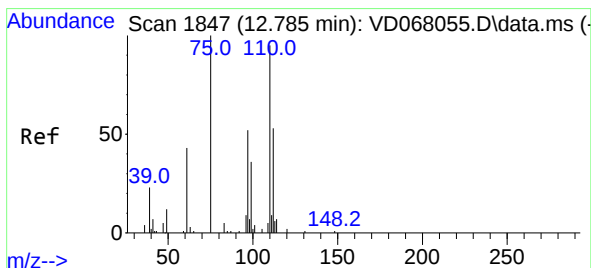
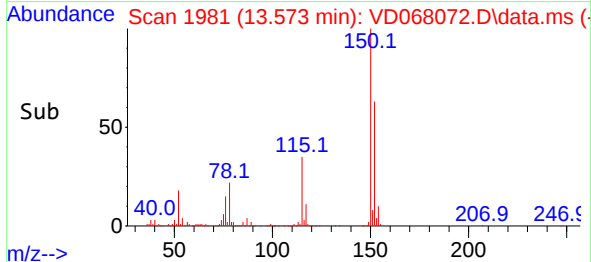
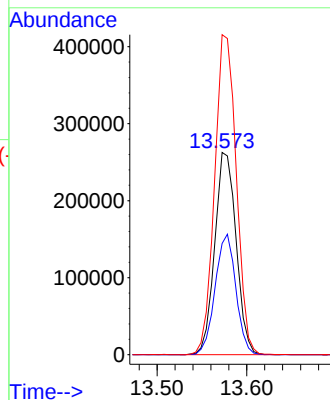
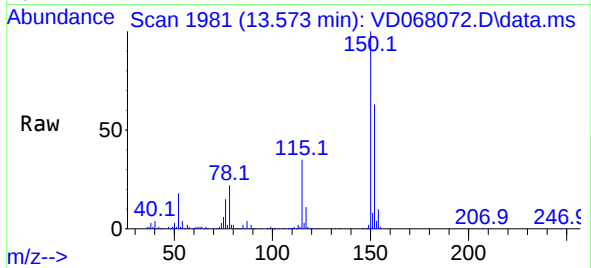




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

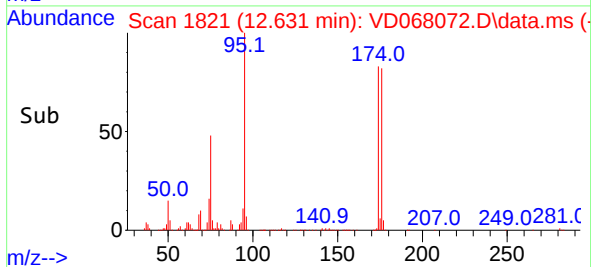
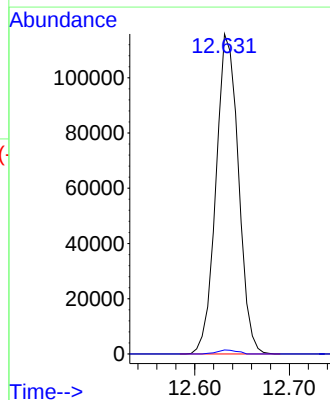
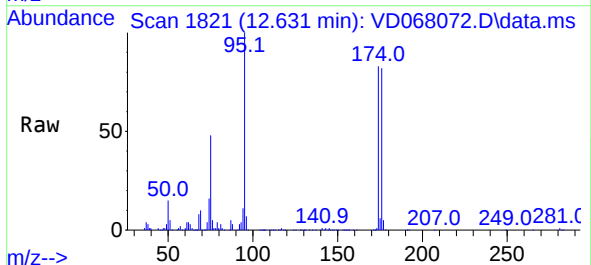
Instrument :
MSVOA_D
ClientSampleId :
BORE-3-1FT-7FT

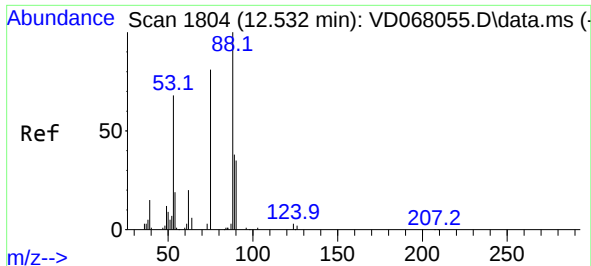
Tgt Ion:152 Resp: 435218
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 160.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.40 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068072.D
Acq: 13 Jan 2021 15:40

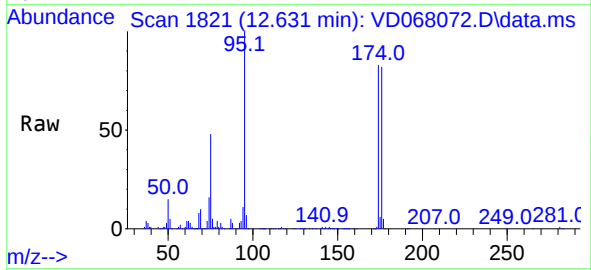
Tgt Ion: 75 Resp: 191025
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.29 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.100 min
 Lab File: VD068072.D
 Acq: 13 Jan 2021 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 BORE-3-1FT-7FT



Tgt Ion: 75 Resp: 191025
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

