

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068071.D
 Acq On : 13 Jan 2021 15:12
 Operator : VA/SY
 Sample : M1090-01
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 13 15:32:39 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)

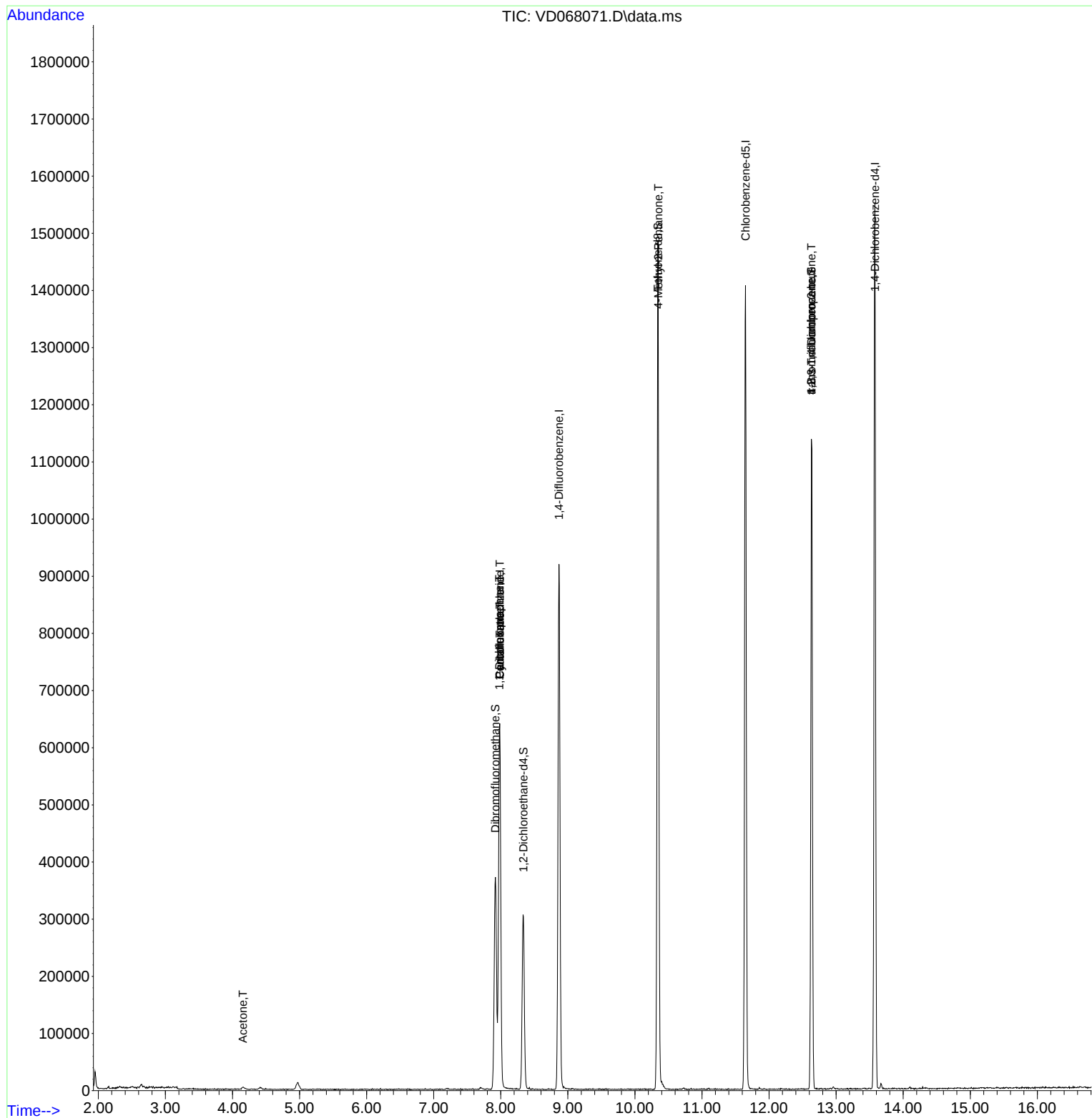
Internal Standards						
1) Pentafluorobenzene	7.985	168	512185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	862012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	881101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	443131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	261619	60.07	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.14%		
35) Dibromofluoromethane	7.920	113	276767	56.33	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.66%		
50) Toluene-d8	10.343	98	1031682	56.97	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.94%		
62) 4-Bromofluorobenzene	12.632	95	382320	60.26	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.52%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	369	Below Cal	#	74
16) Acetone	4.156	43	6728	9.75	ug/l	98
20) Methylene Chloride	4.967	84	9793	Below Cal	#	81
31) Cyclohexane	7.985	56	9730	1.34	ug/l	# 39
36) 1,1-Dichloropropene	7.979	75	36562	4.83	ug/l	# 48
38) Carbon Tetrachloride	7.985	117	49101	5.44	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.349	43	3330	1.53	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	189794	54.06	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	189794	121.29	ug/l	# 13

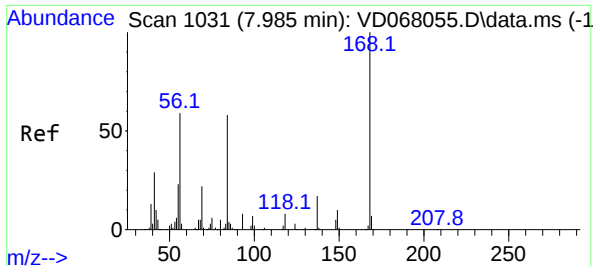
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068071.D
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BORE-2-1FT-7FT

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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

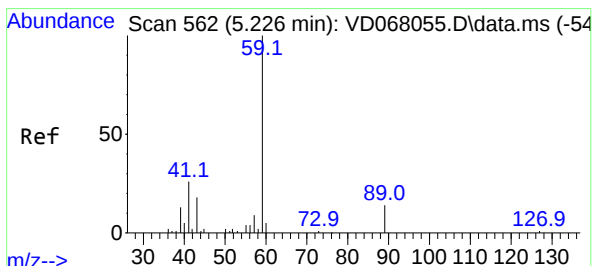
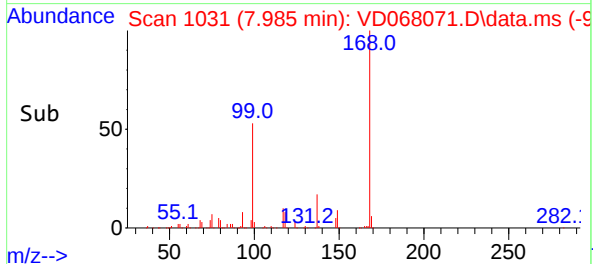
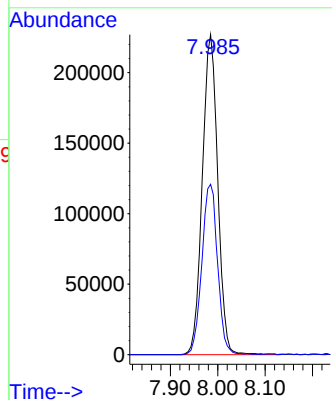
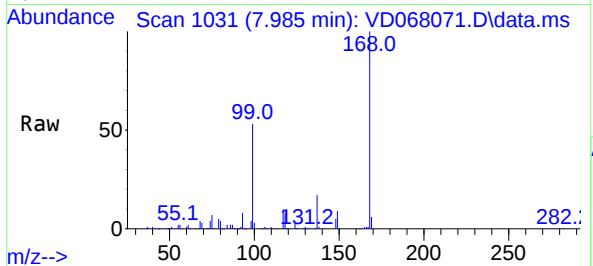




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

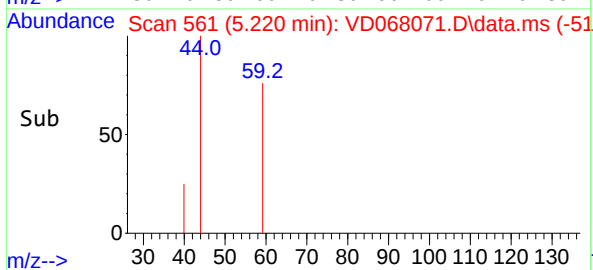
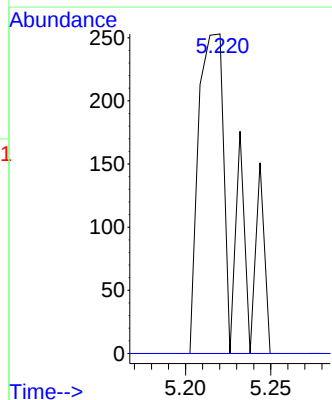
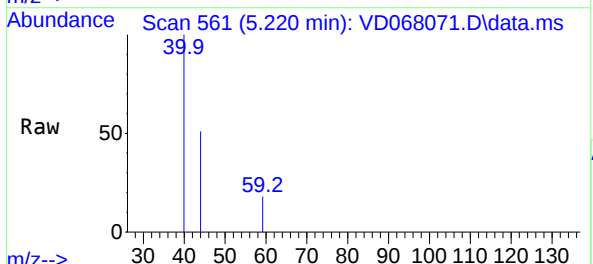
Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT

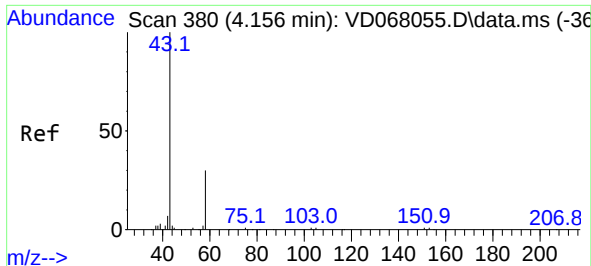
Tgt Ion:168 Resp: 512185
Ion Ratio Lower Upper
168 100
99 53.3 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

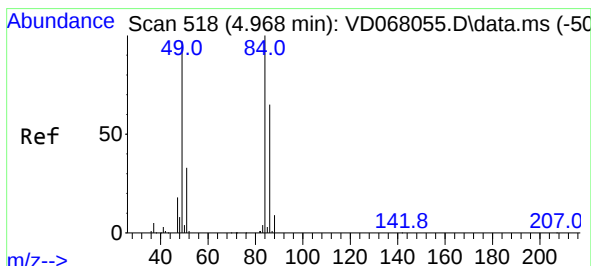
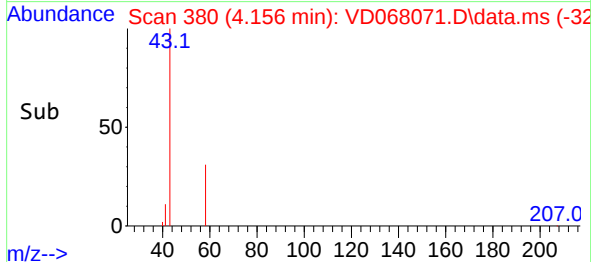
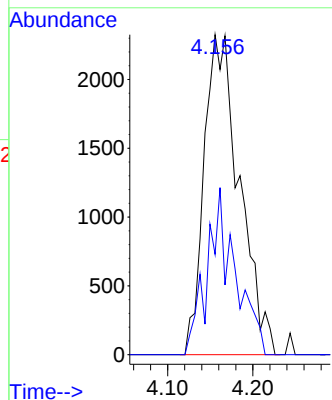
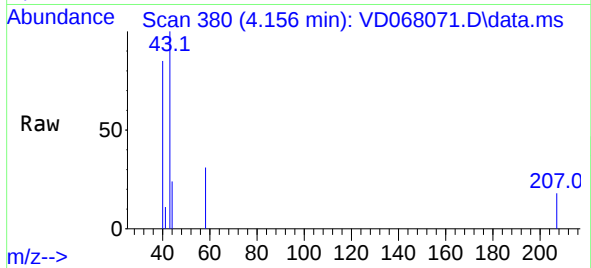




#16
Acetone
Concen: 9.75 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

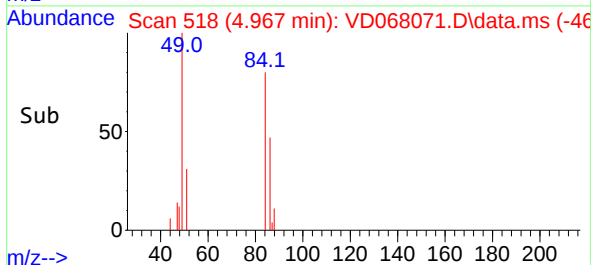
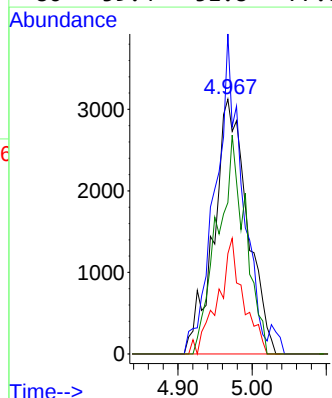
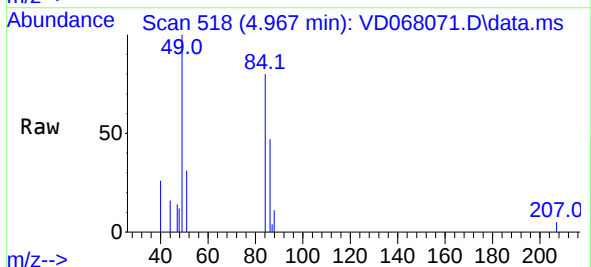
Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT

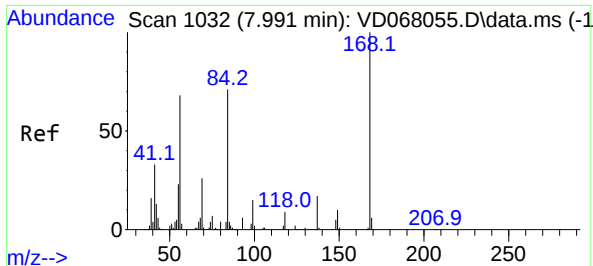
Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 84 Resp: 9793
Ion Ratio Lower Upper
84 100
49 125.6 77.4 116.2#
51 39.4 26.1 39.1#
86 59.4 51.8 77.8





#31

Cyclohexane

Concen: 1.34 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068071.D

Acq: 13 Jan 2021 15:12

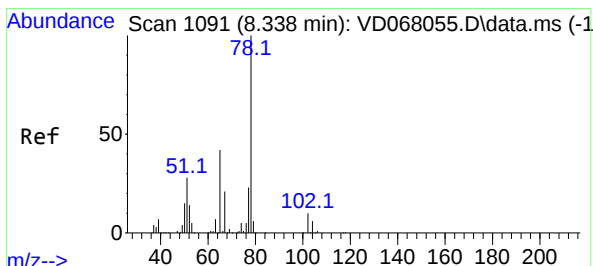
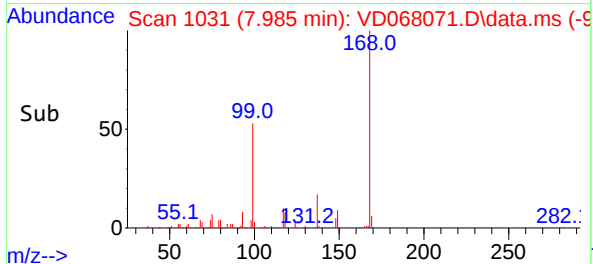
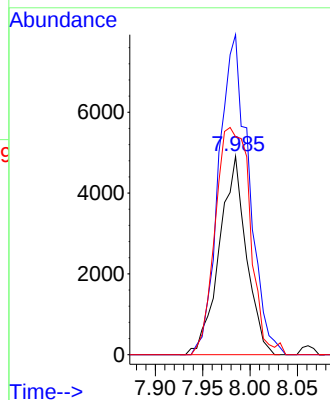
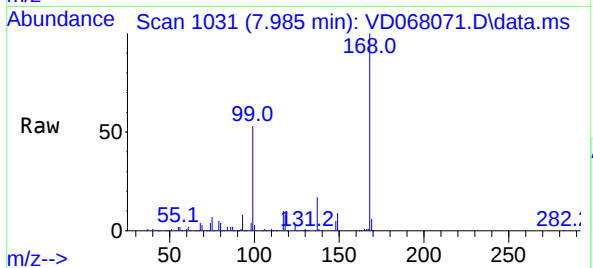
Tgt Ion: 56 Resp: 9730

Ion Ratio Lower Upper

56 100

69 161.3 30.1 45.1#

84 109.9 82.1 123.1



#33

1,2-Dichloroethane-d4

Concen: 60.07 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD068071.D

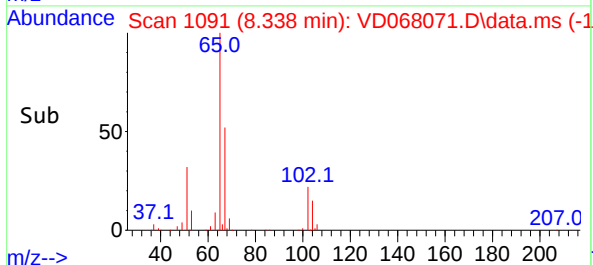
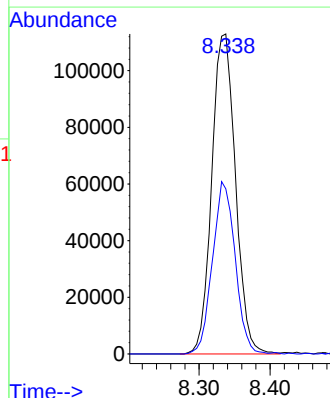
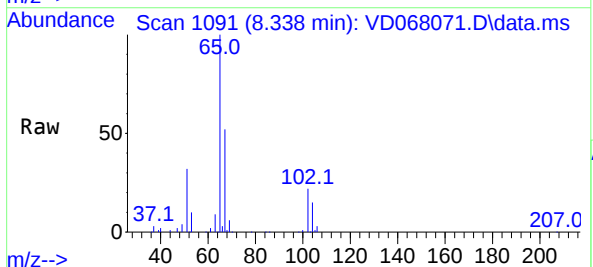
Acq: 13 Jan 2021 15:12

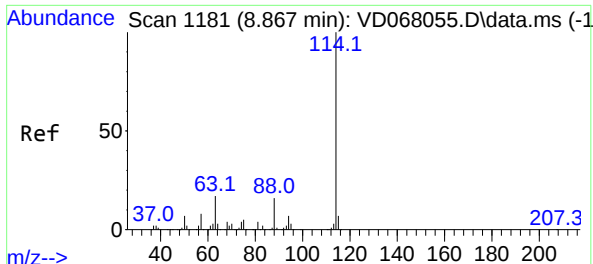
Tgt Ion: 65 Resp: 261619

Ion Ratio Lower Upper

65 100

67 51.6 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

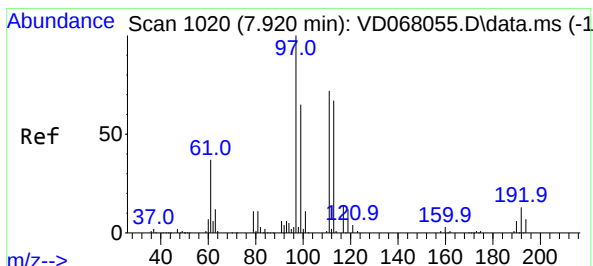
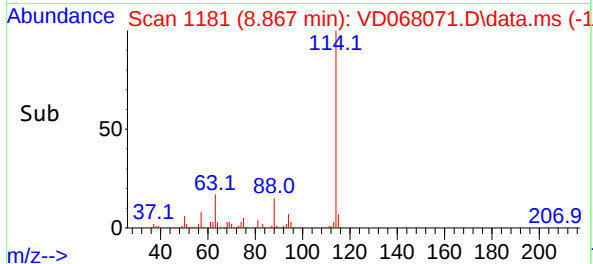
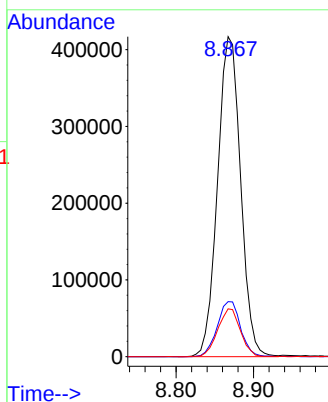
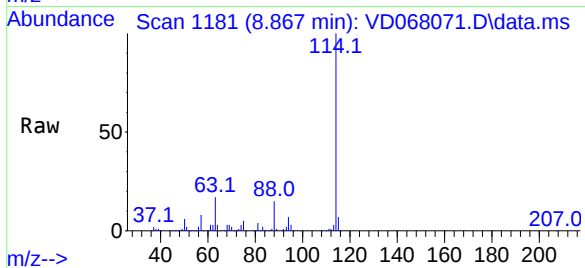
Lab File: VD068071.D

Acq: 13 Jan 2021 15:12

Tgt Ion:114 Resp: 862012

Ion Ratio Lower Upper

114	100		
63	17.2	0.0	34.8
88	15.0	0.0	31.6



#35

Dibromofluoromethane

Concen: 56.33 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

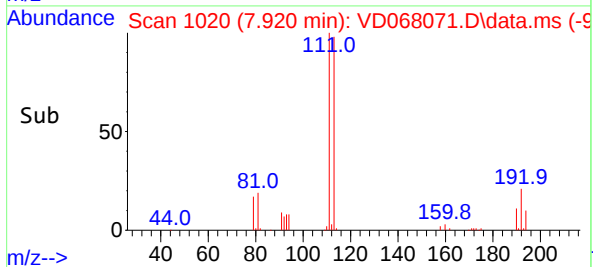
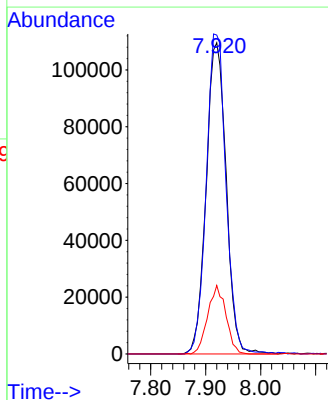
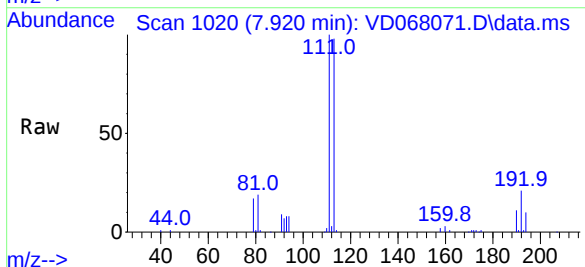
Lab File: VD068071.D

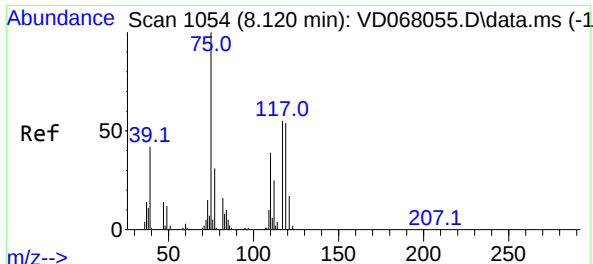
Acq: 13 Jan 2021 15:12

Tgt Ion:113 Resp: 276767

Ion Ratio Lower Upper

113	100		
111	101.4	81.4	122.0
192	20.1	16.1	24.1

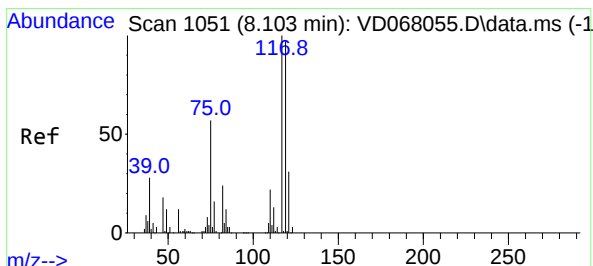
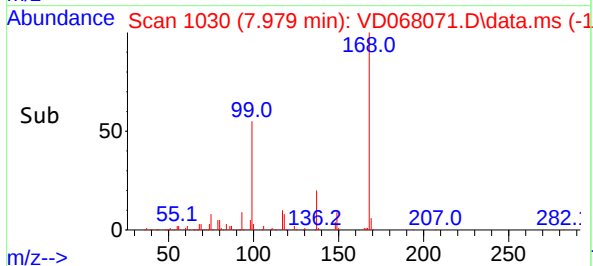
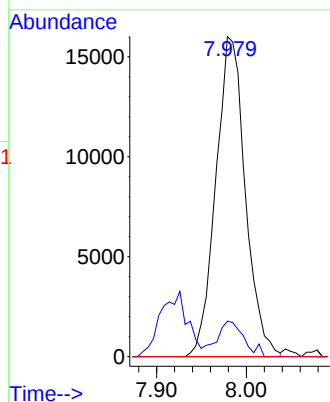
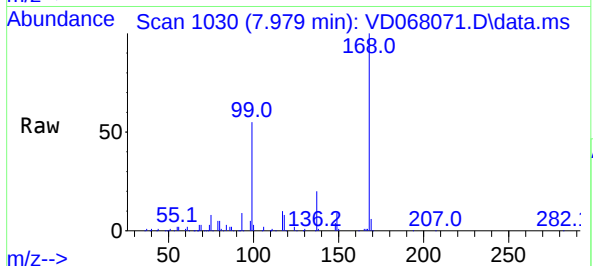




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

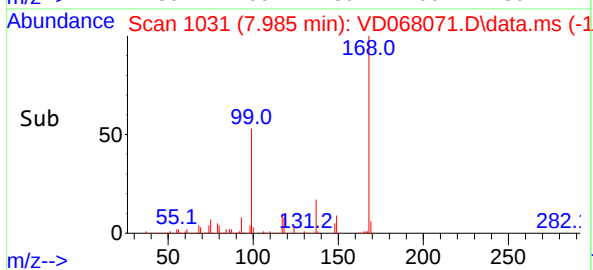
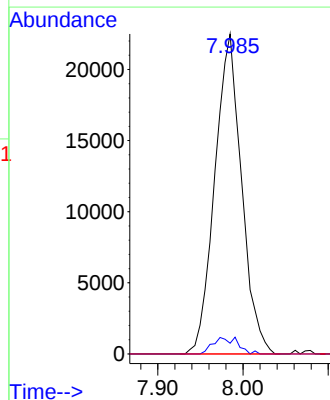
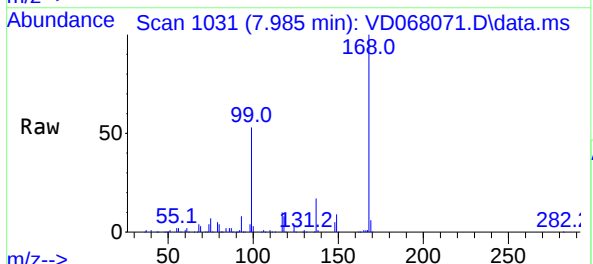
Instrument :
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ClientSampleId :
BORE-2-1FT-7FT

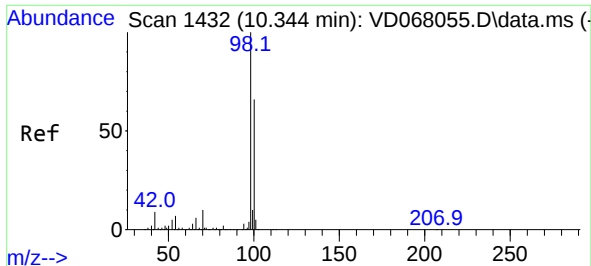
Tgt Ion: 75 Resp: 36562
Ion Ratio Lower Upper
75 100
110 9.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 117 Resp: 49101
Ion Ratio Lower Upper
117 100
119 3.3 77.3 115.9#
121 0.0 24.7 37.1#

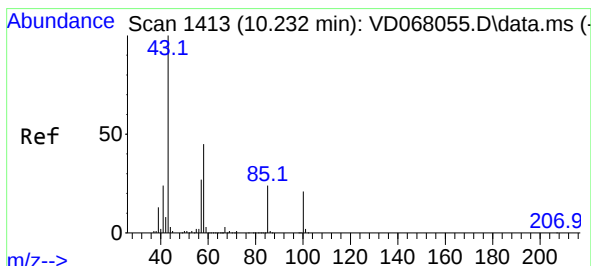
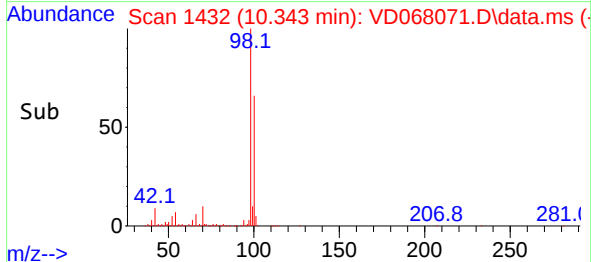
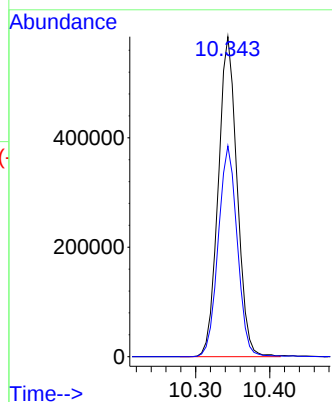
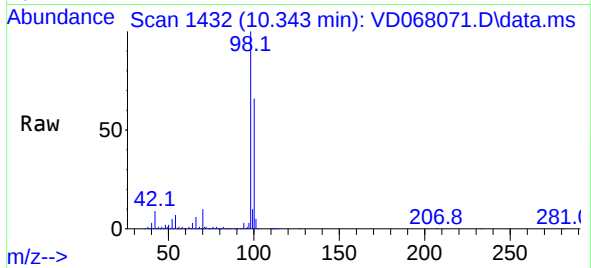




#50
Toluene-d8
Concen: 56.97 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

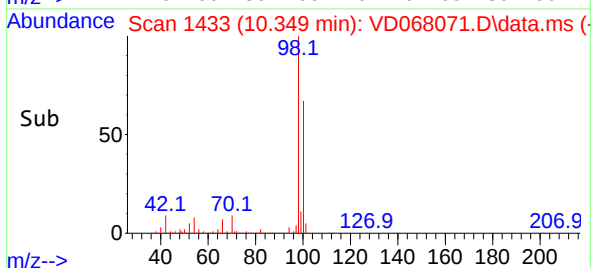
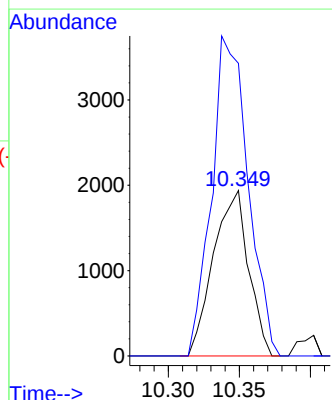
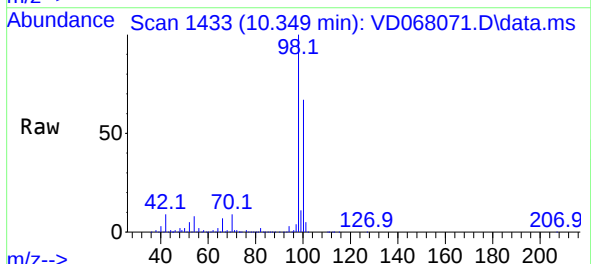
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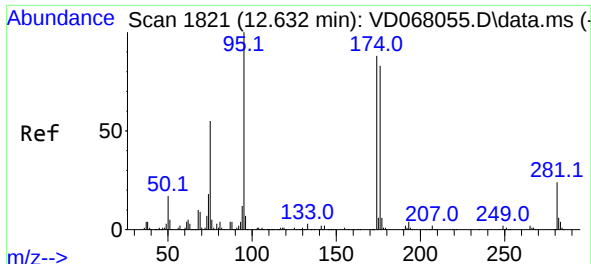
Tgt Ion: 98 Resp: 1031682
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.117 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 43 Resp: 3330
Ion Ratio Lower Upper
43 100
58 200.9 36.1 54.1#

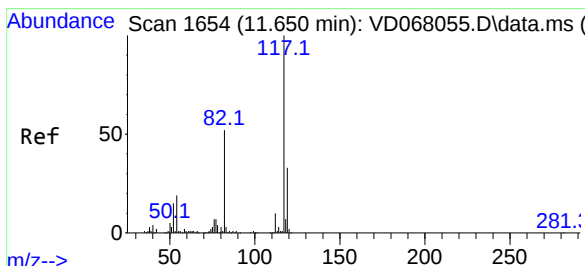
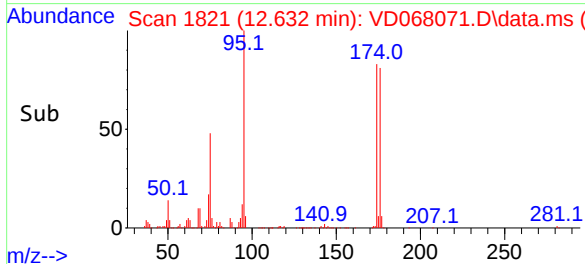
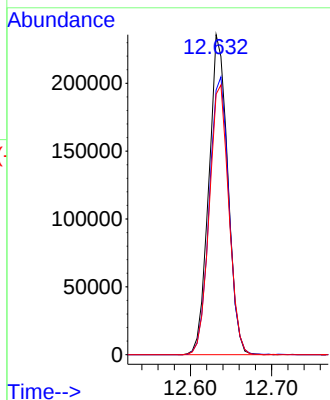
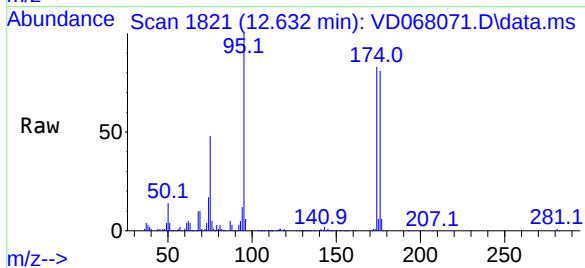




#62
4-Bromofluorobenzene
Concen: 60.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

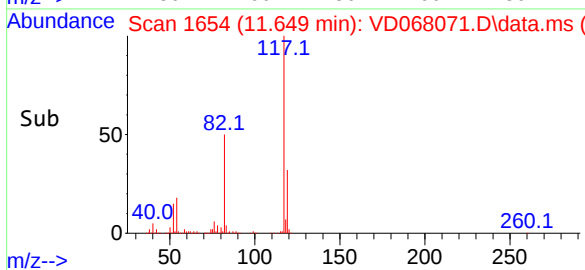
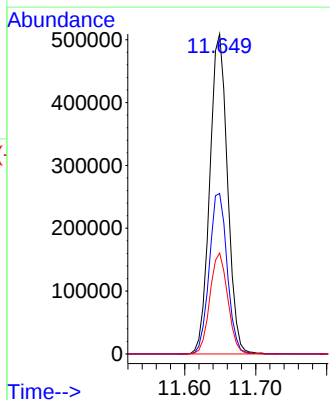
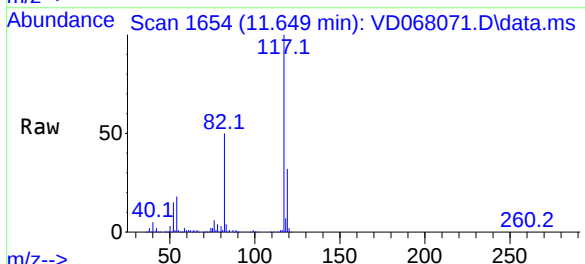
Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT

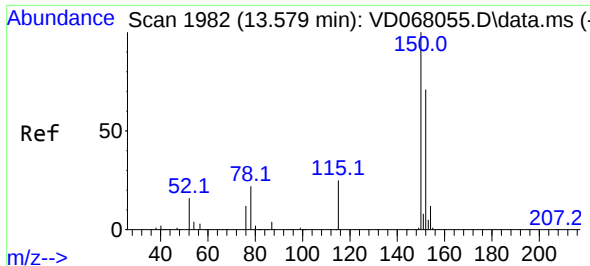
Tgt Ion: 95 Resp: 382320
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.4
176 86.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Tgt Ion: 117 Resp: 881101
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.0
119 31.5 26.1 39.1

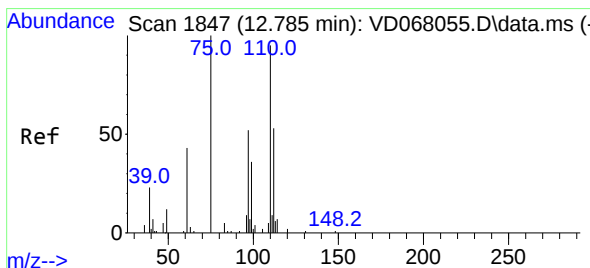
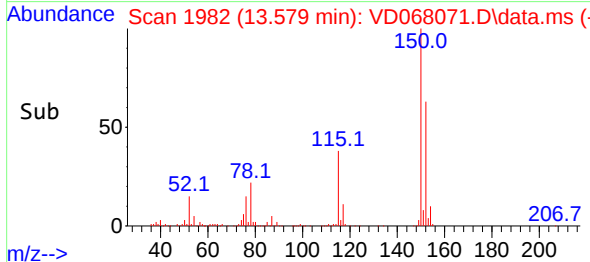
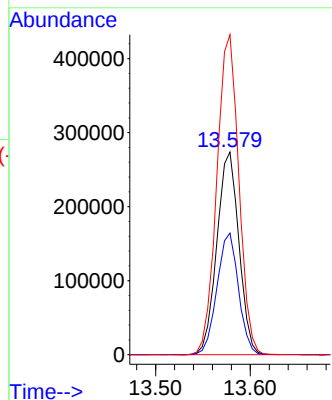
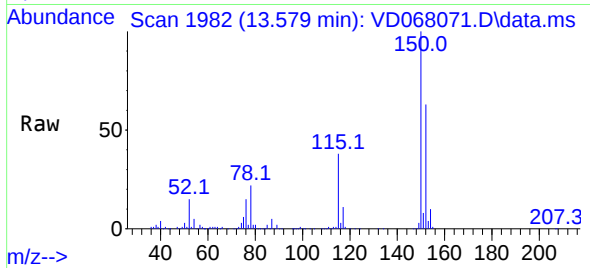




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

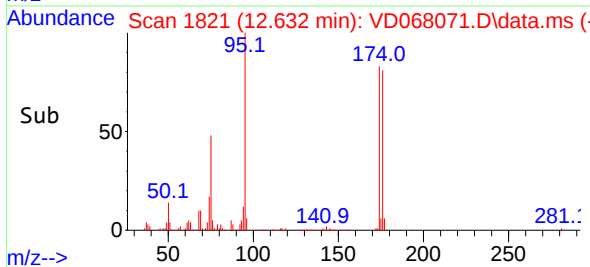
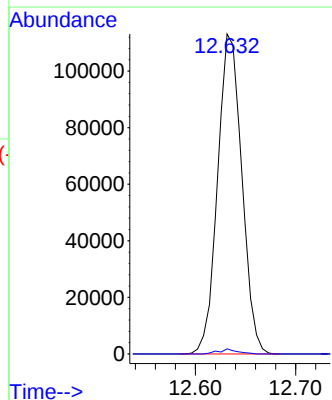
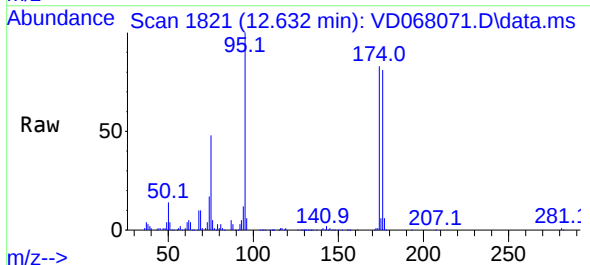
Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT

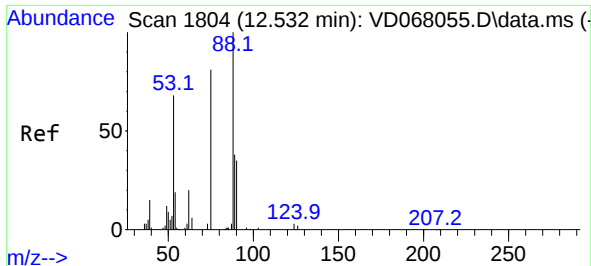
Tgt Ion:152 Resp: 443131
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 157.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

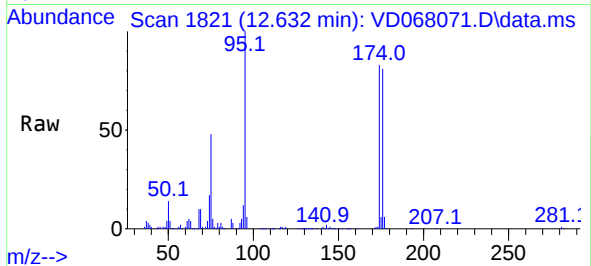
Tgt Ion: 75 Resp: 189794
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068071.D
Acq: 13 Jan 2021 15:12

Instrument :
MSVOA_D
ClientSampleId :
BORE-2-1FT-7FT



Tgt Ion: 75 Resp: 189794
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

