

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071891.D
 Acq On : 03 Feb 2022 14:20
 Operator : VA/SY
 Sample : N1378-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILE

Quant Time: Feb 04 00:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	434575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	783045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260686	47.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.920%
35) Dibromofluoromethane	7.908	113	253258	49.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.338	98	990469	51.525	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.626	95	286801	42.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.440%

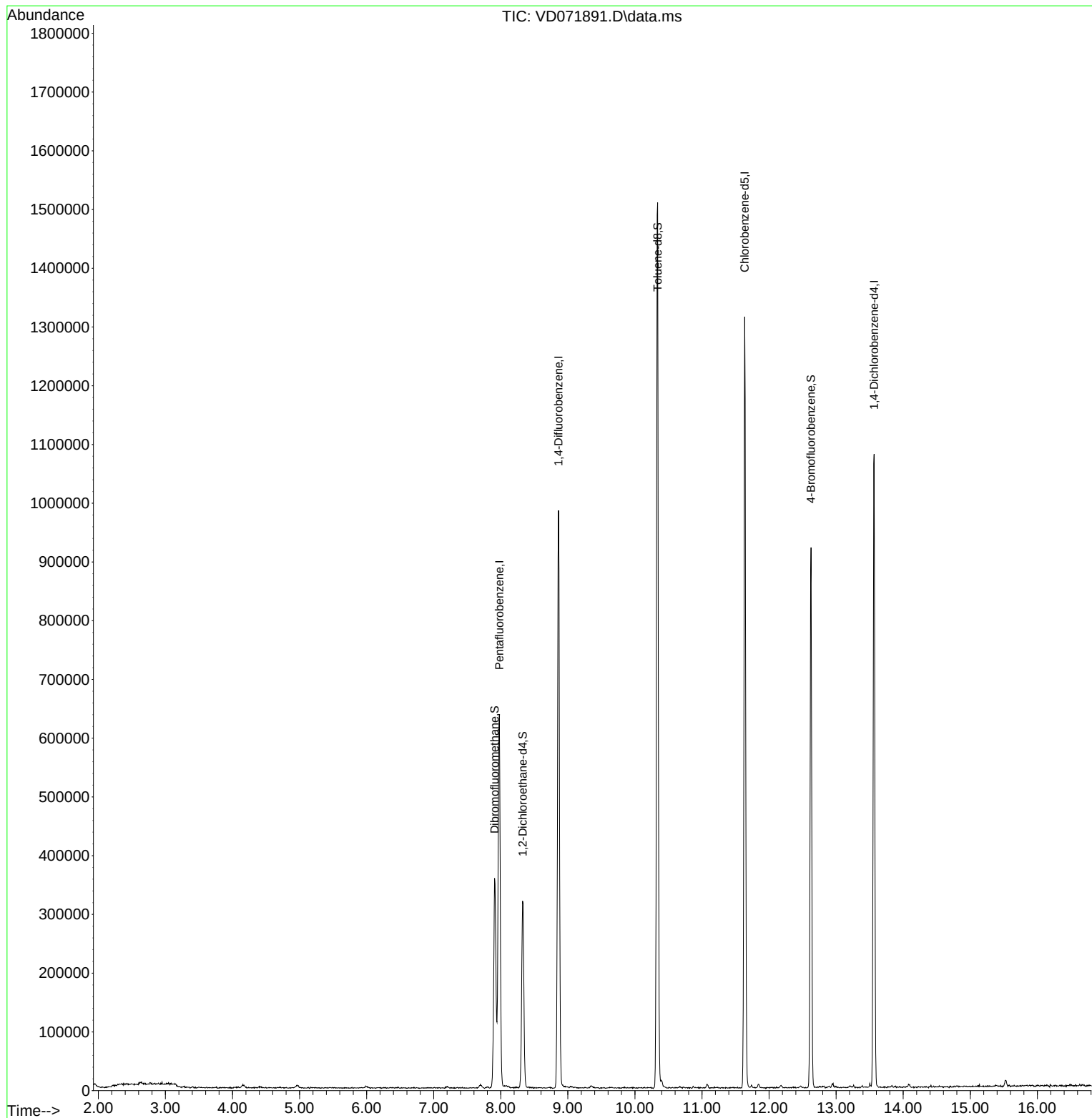
Target Compounds	Qvalue

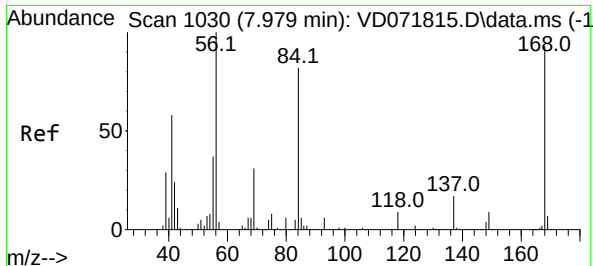
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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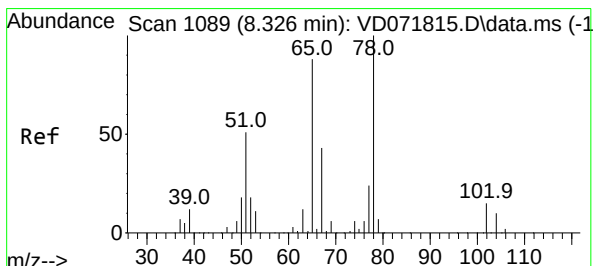
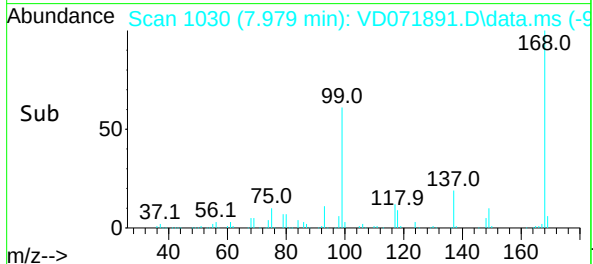
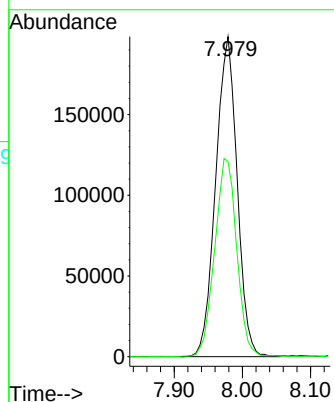
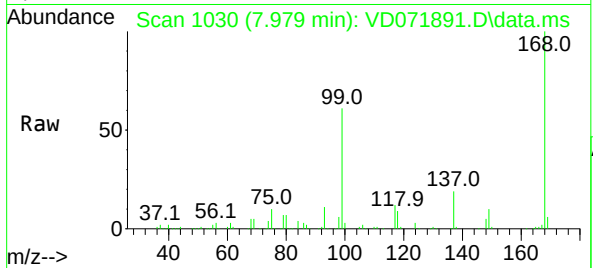




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

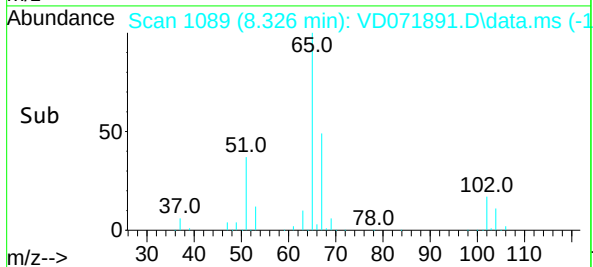
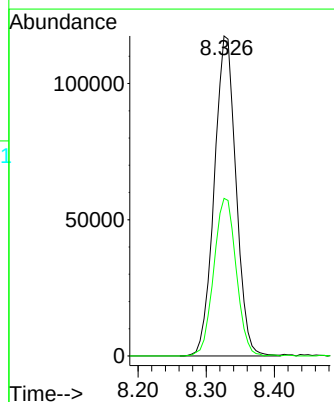
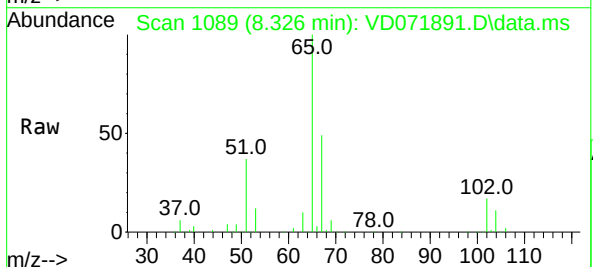
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

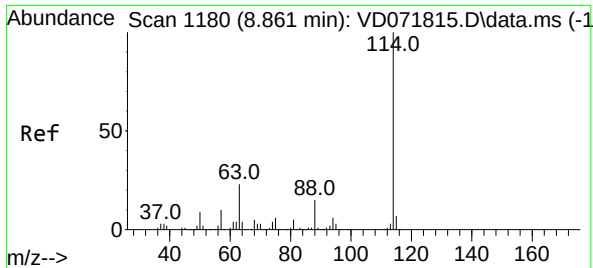
Tgt Ion:168 Resp: 434575
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.460 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Tgt Ion: 65 Resp: 260686
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILE

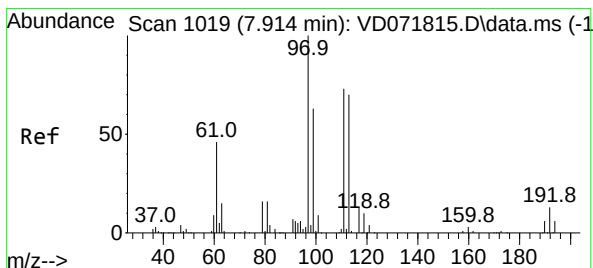
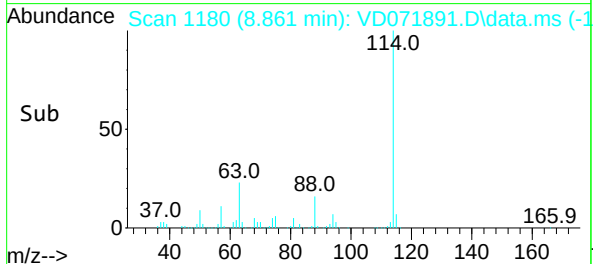
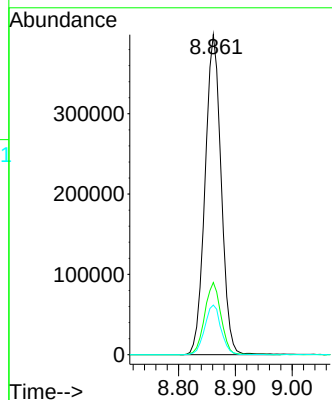
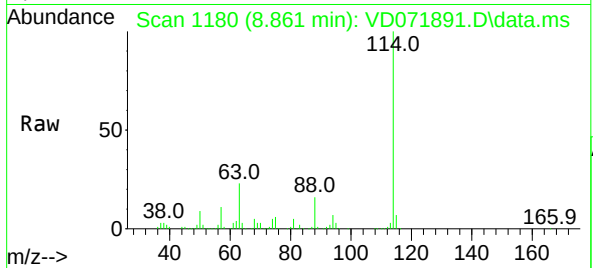
Tgt Ion:114 Resp: 783045

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

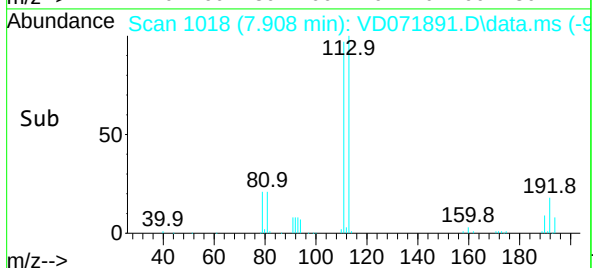
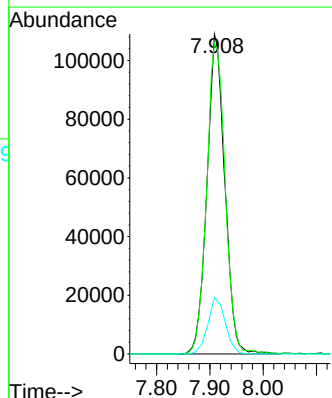
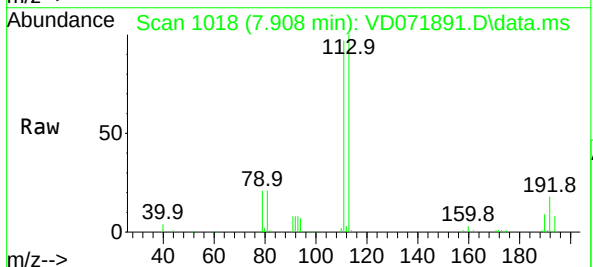
Tgt Ion:113 Resp: 253258

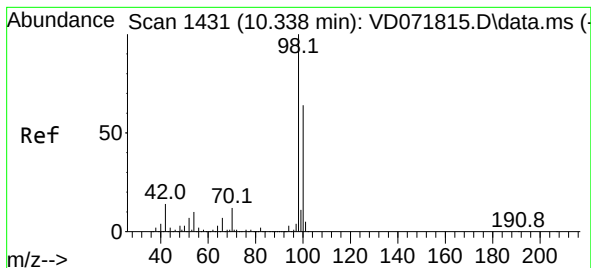
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.3 14.6 21.8

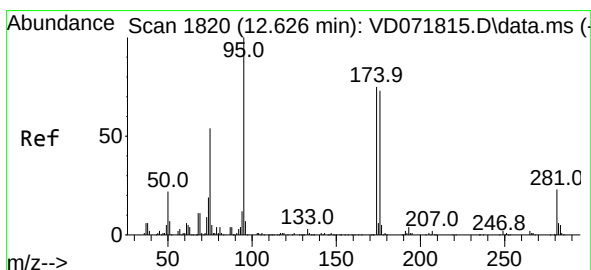
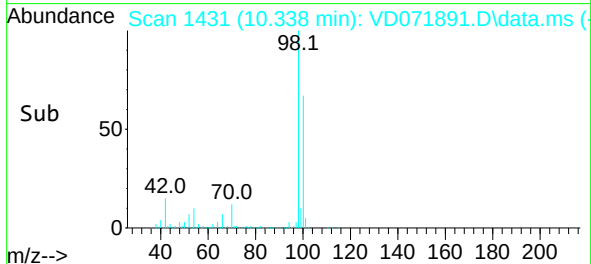
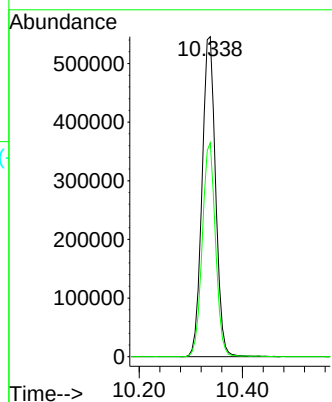
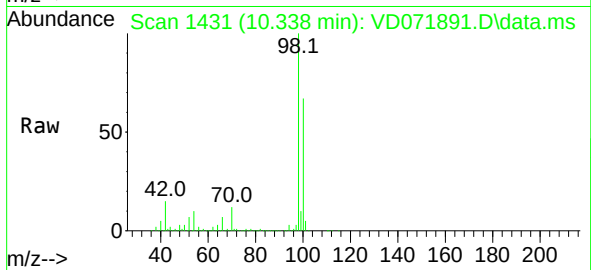




#50
Toluene-d8
Concen: 51.525 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

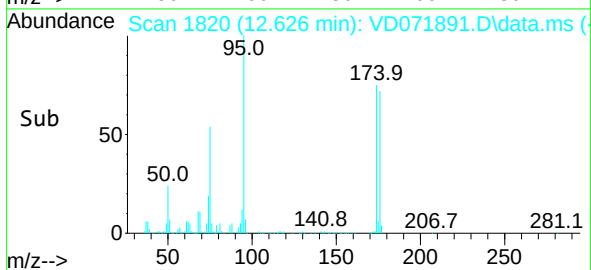
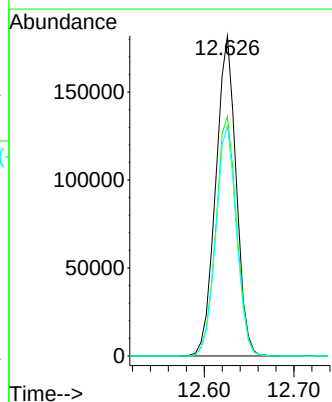
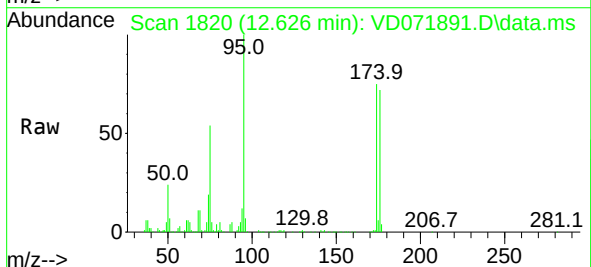
Instrument : MSVOA_D
ClientSampleId : ASTORIA-YARD-PIT-11-STOCKPILE

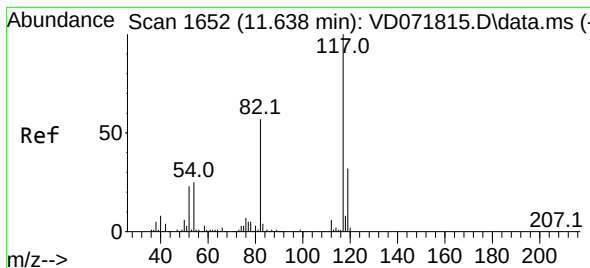
Tgt Ion: 98 Resp: 990469
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.724 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071891.D
Acq: 03 Feb 2022 14:20

Tgt Ion: 95 Resp: 286801
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 72.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILE

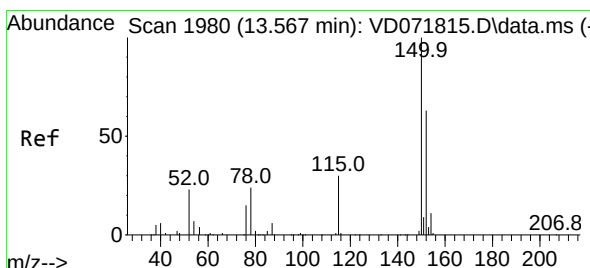
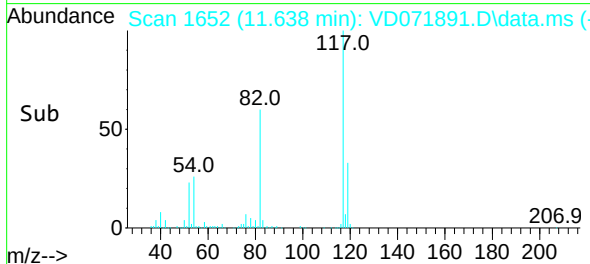
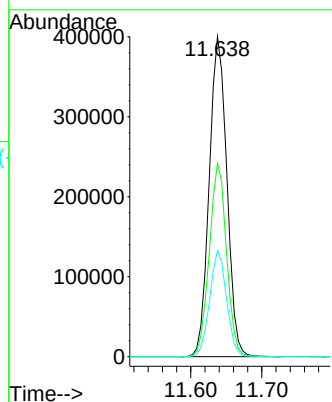
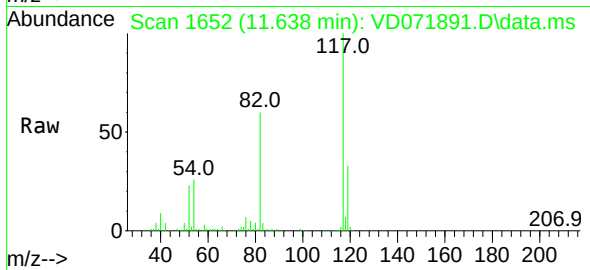
Tgt Ion:117 Resp: 690656

Ion Ratio Lower Upper

117 100

82 60.5 45.3 67.9

119 33.1 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071891.D

Acq: 03 Feb 2022 14:20

Tgt Ion:152 Resp: 268583

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 158.4 0.0 348.6

