

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071881.D
 Acq On : 02 Feb 2022 15:22
 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 03 01:07:59 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	434848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	783415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	678185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	251599	45.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.560%
35) Dibromofluoromethane	7.914	113	245154	47.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.220%
50) Toluene-d8	10.338	98	980691	50.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.620	95	271698	40.455	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.900%

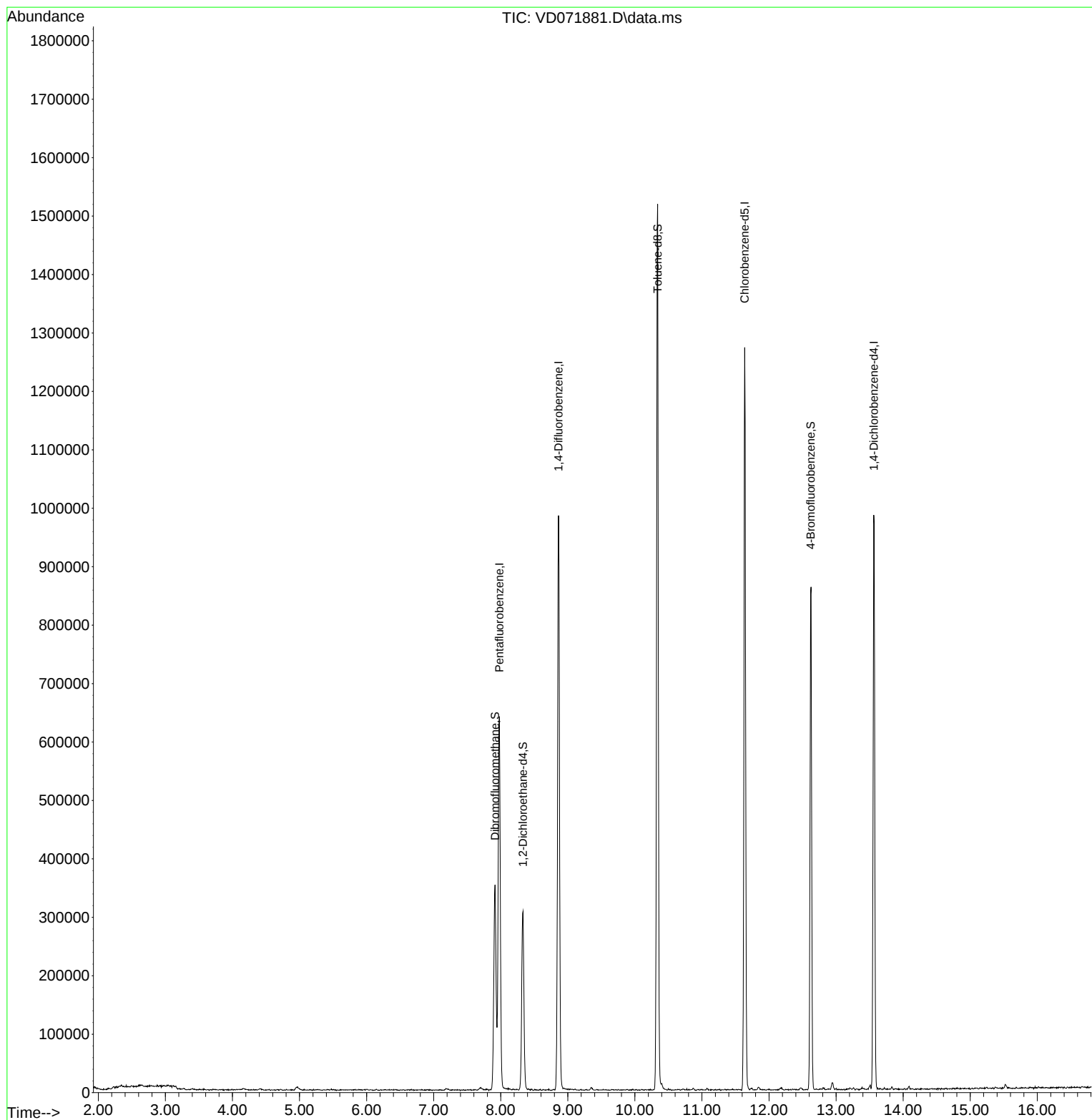
Target Compounds	Qvalue

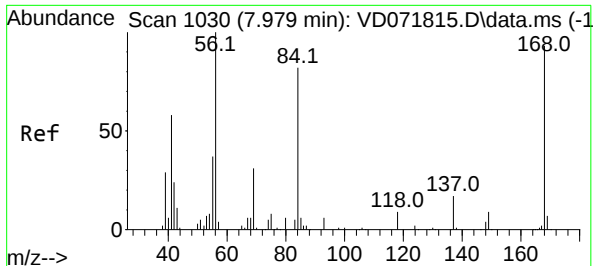
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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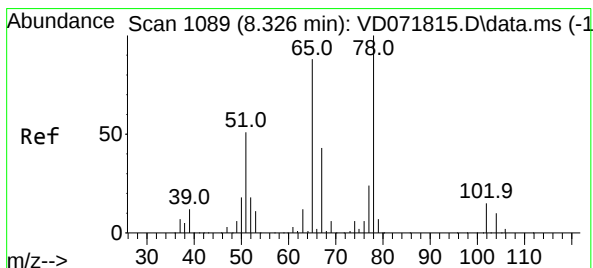
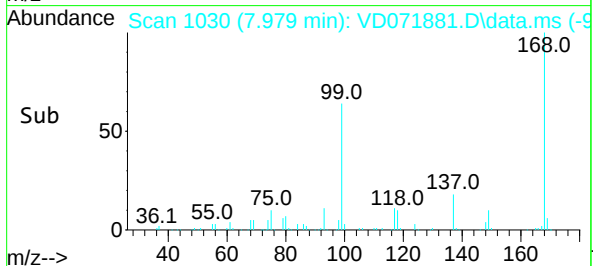
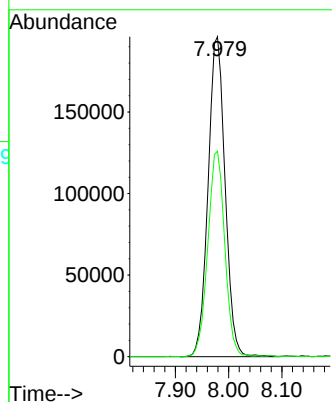
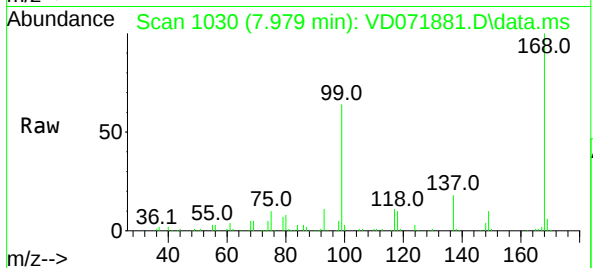




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071881.D
Acq: 02 Feb 2022 15:22

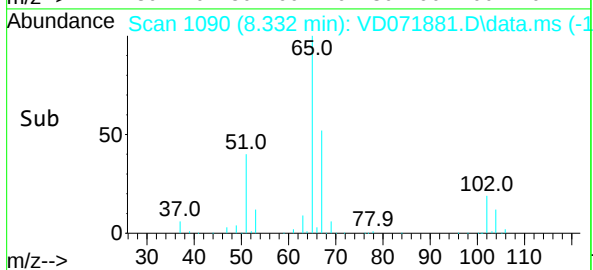
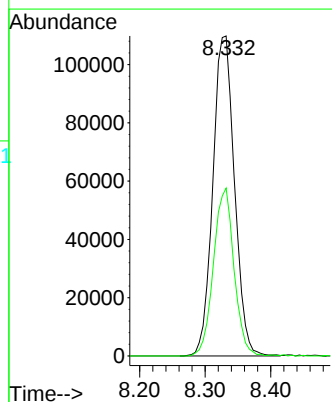
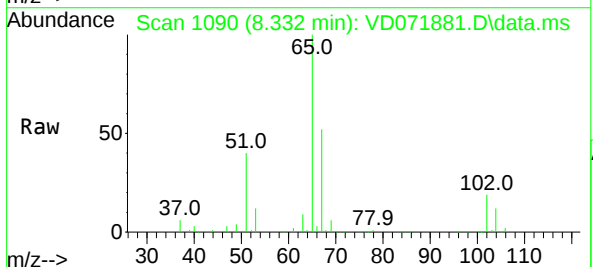
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

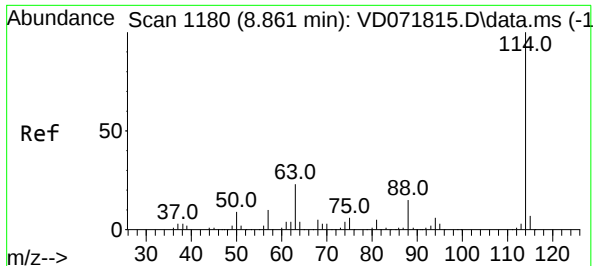
Tgt Ion:168 Resp: 434848
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.776 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071881.D
Acq: 02 Feb 2022 15:22

Tgt Ion: 65 Resp: 251599
Ion Ratio Lower Upper
65 100
67 49.7 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: VD071881.D

Acq: 02 Feb 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILE

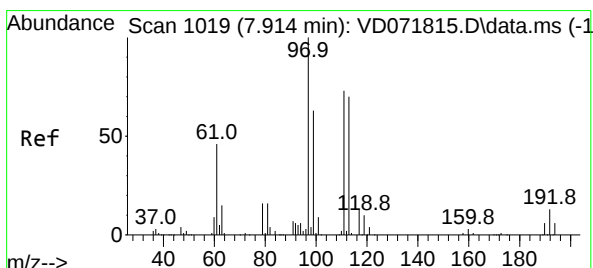
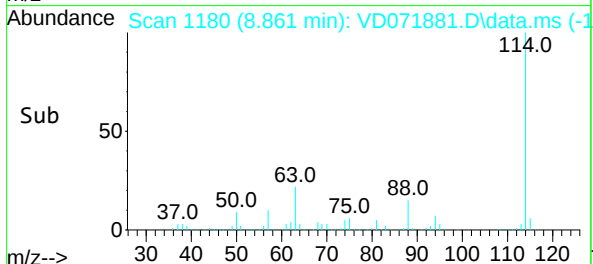
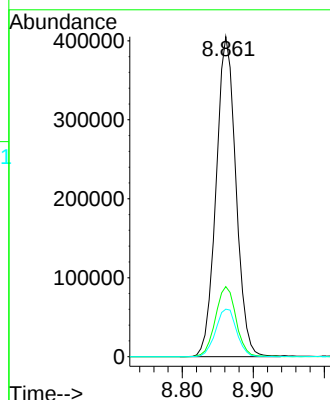
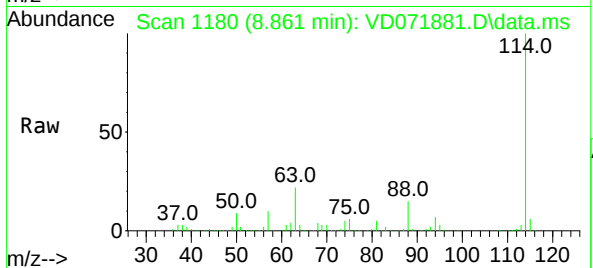
Tgt Ion:114 Resp: 783415

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.606 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071881.D

Acq: 02 Feb 2022 15:22

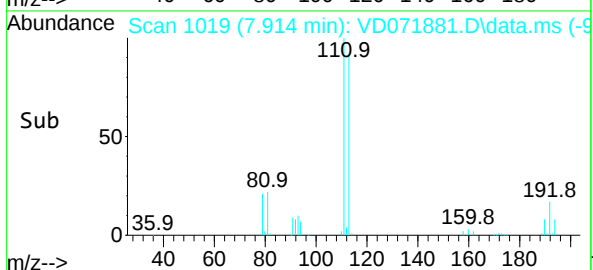
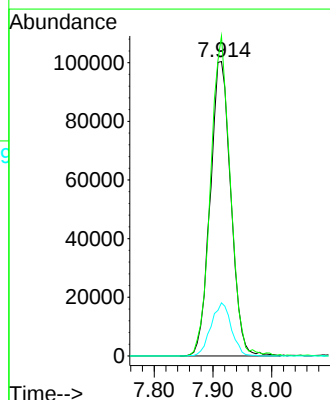
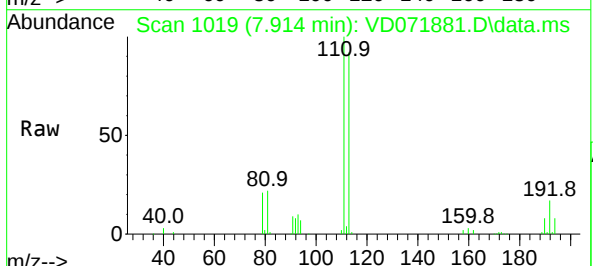
Tgt Ion:113 Resp: 245154

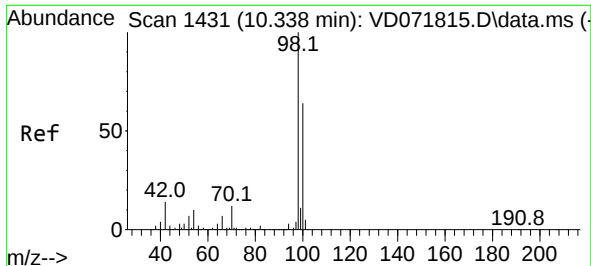
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 17.7 14.6 21.8

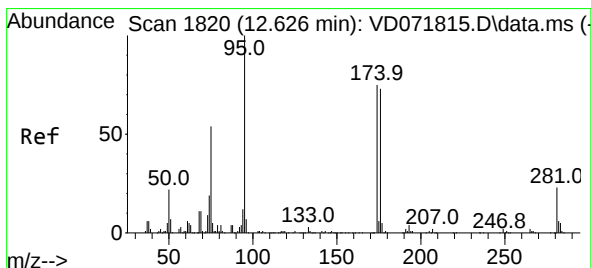
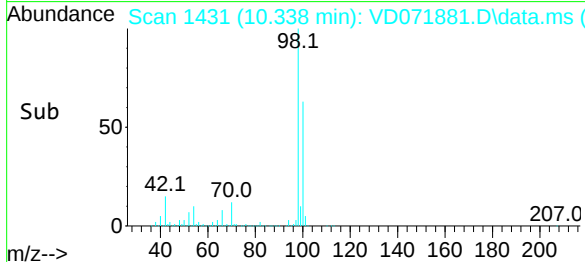
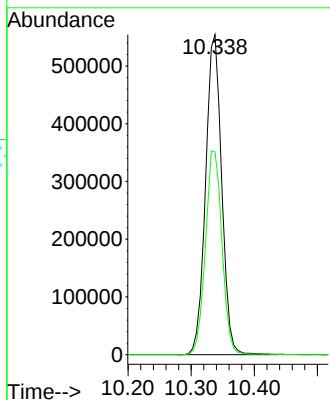
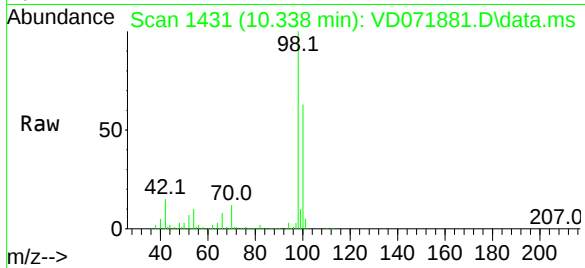




#50
Toluene-d8
Concen: 50.992 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071881.D
Acq: 02 Feb 2022 15:22

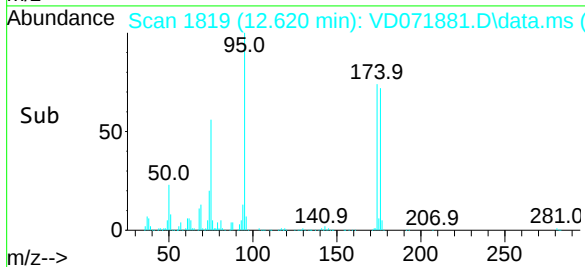
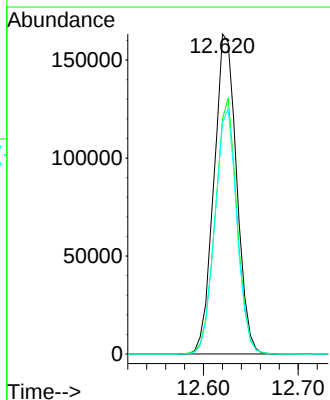
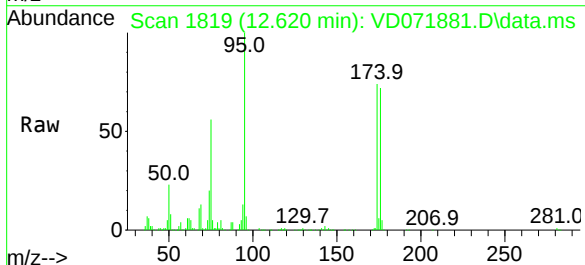
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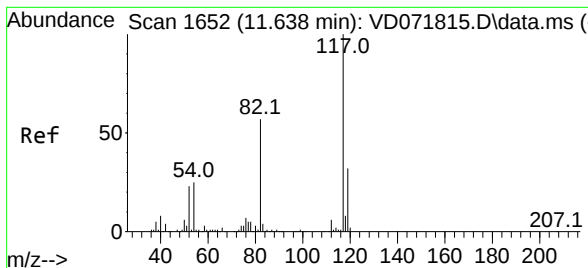
Tgt Ion: 98 Resp: 980691
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.455 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071881.D
Acq: 02 Feb 2022 15:22

Tgt Ion: 95 Resp: 271698
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.1 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: VD071881.D

Acq: 02 Feb 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILE

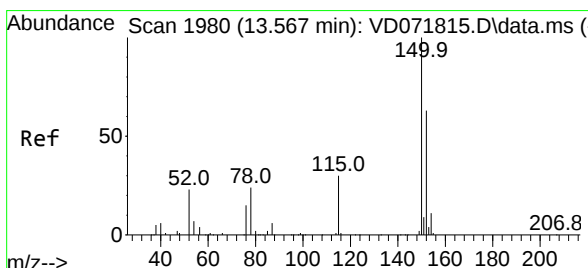
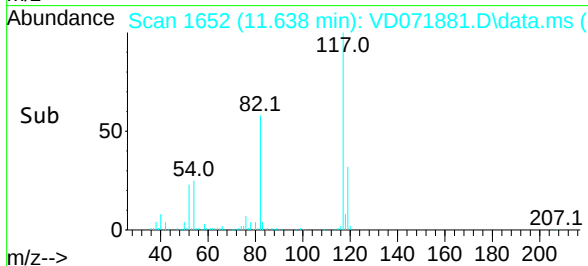
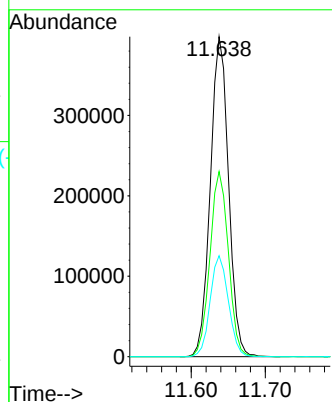
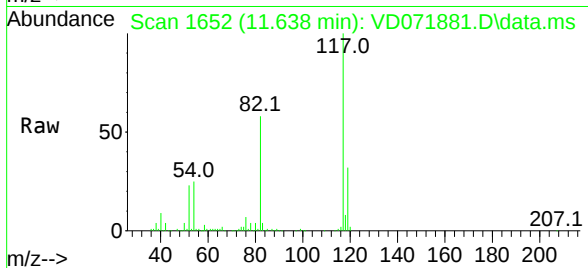
Tgt Ion:117 Resp: 678185

Ion Ratio Lower Upper

117 100

82 57.8 45.3 67.9

119 31.6 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071881.D

Acq: 02 Feb 2022 15:22

Tgt Ion:152 Resp: 248825

Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 158.2 0.0 348.6

