

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071951.D
 Acq On : 14 Feb 2022 12:30
 Operator : VA/SY
 Sample : N1494-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ASTORIA-YARD-PIT-10

Quant Time: Feb 15 00:34:33 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)

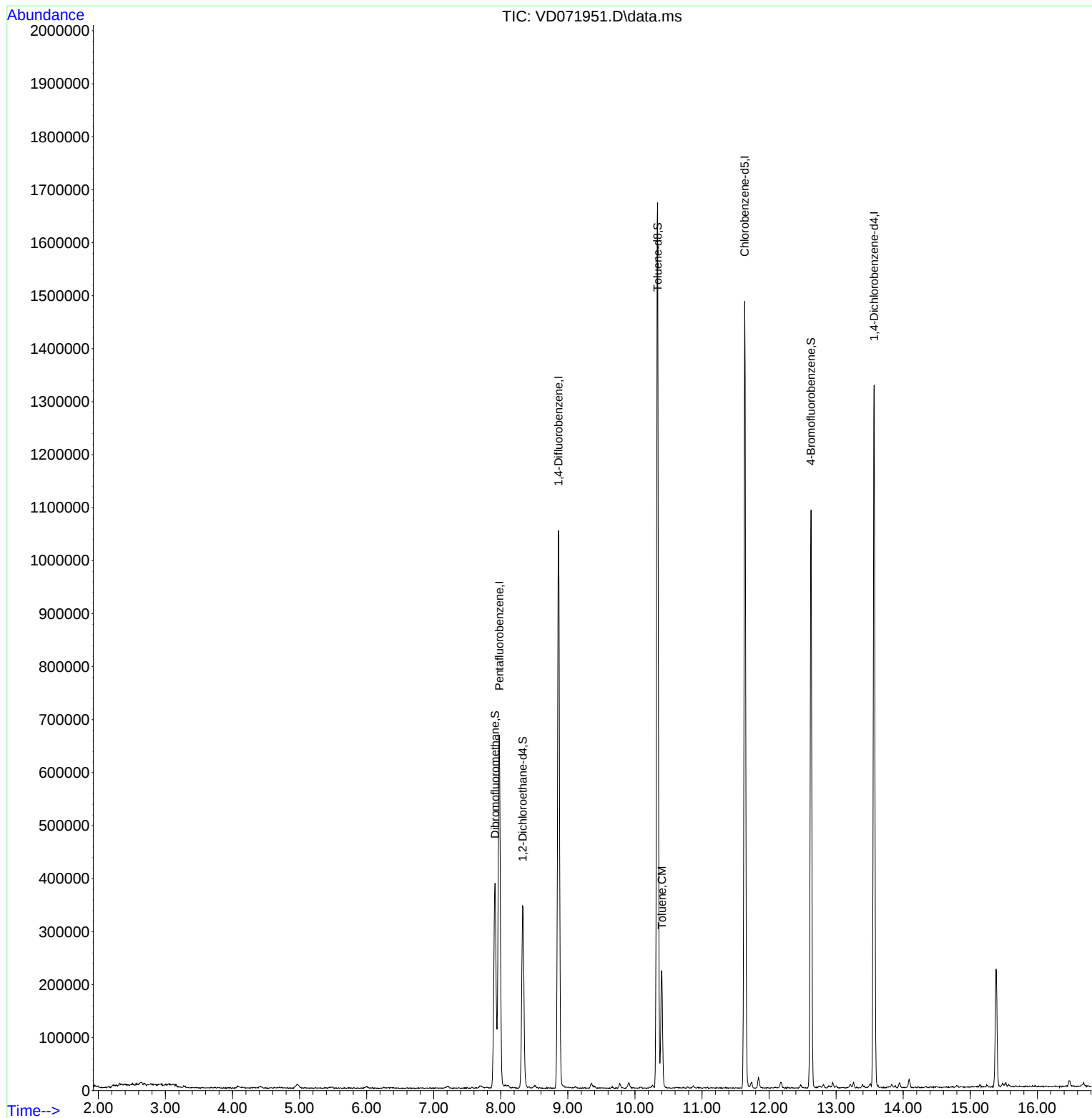
Internal Standards						
1) Pentafluorobenzene	7.979	168	457676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	862507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	785513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	328577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277136	47.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.820%
35) Dibromofluoromethane	7.914	113	268924	47.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.338	98	1089306	51.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.626	95	341257	46.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.300%
Target Compounds						
52) Toluene	10.402	92	90670	5.551	ug/l	Qvalue 99

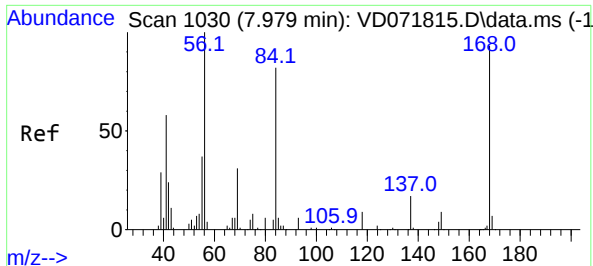
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071951.D

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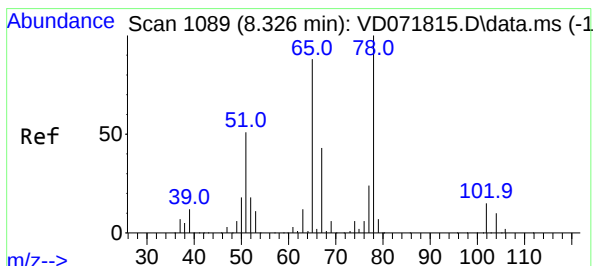
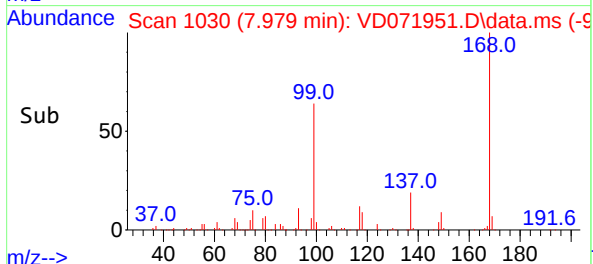
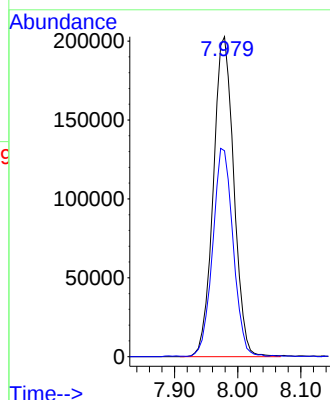
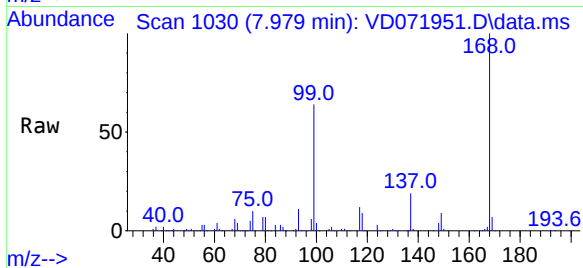
ASTORIA-YARD-PIT-10

Tgt Ion:168 Resp: 457676

Ion Ratio Lower Upper

168 100

99 64.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.908 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071951.D

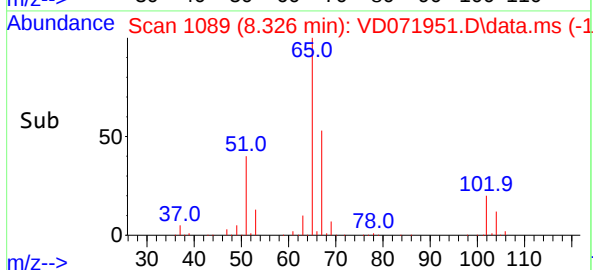
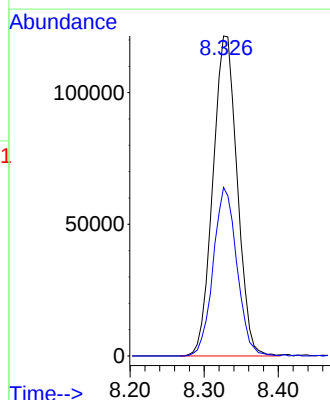
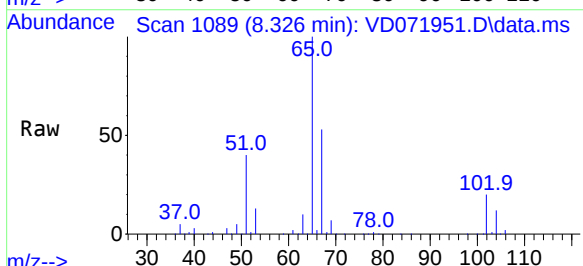
Acq: 14 Feb 2022 12:30

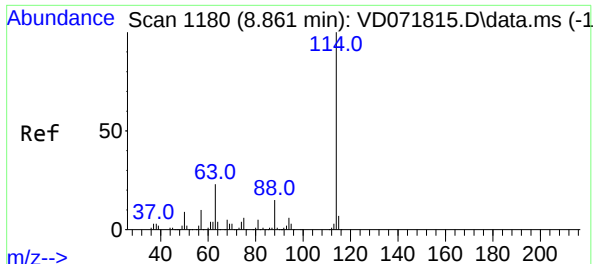
Tgt Ion: 65 Resp: 277136

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4

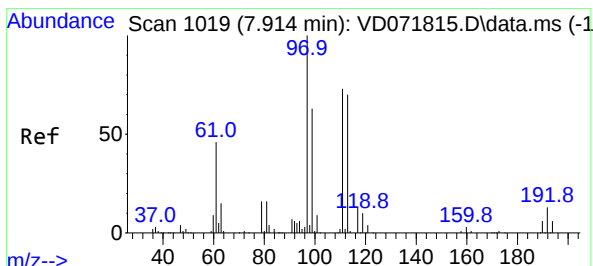
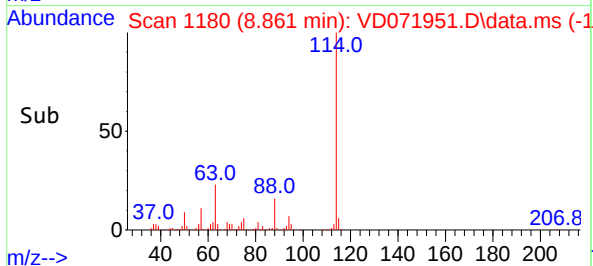
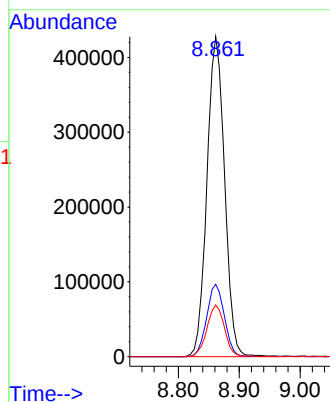
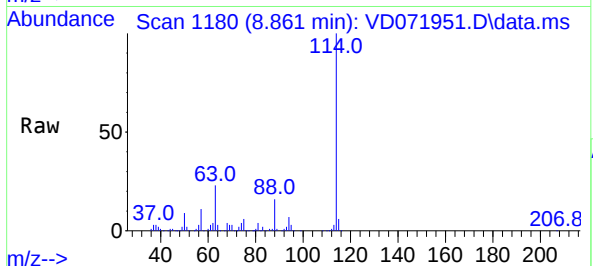




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

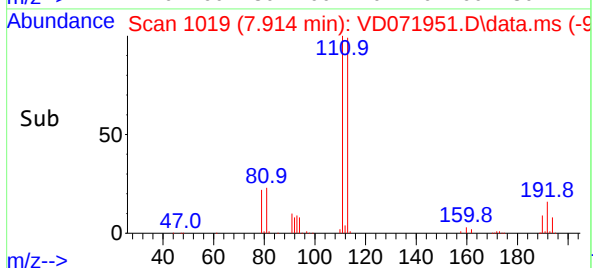
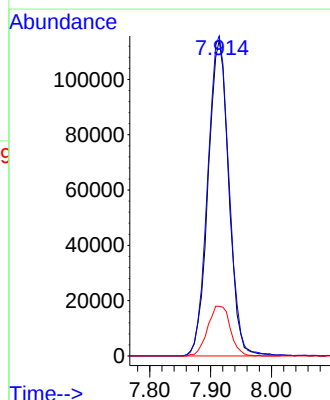
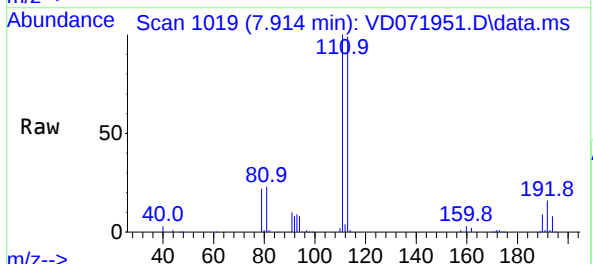
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

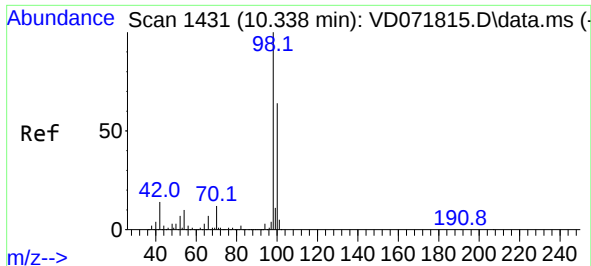
Tgt Ion:	114	Resp:	862507
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.6
88	16.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.433 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion:	113	Resp:	268924
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.8	125.6
192	17.3	14.6	21.8

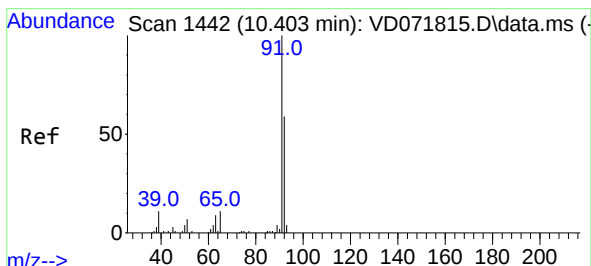
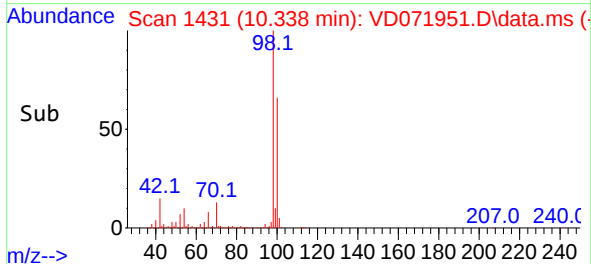
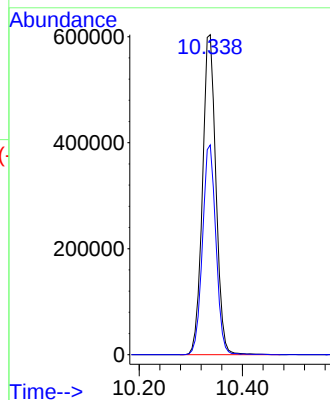
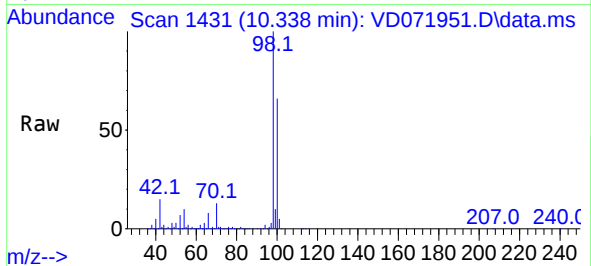




#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

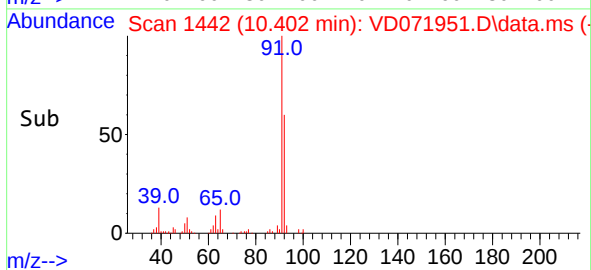
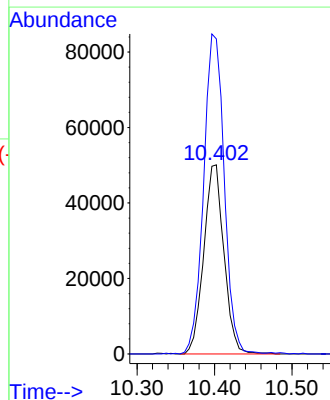
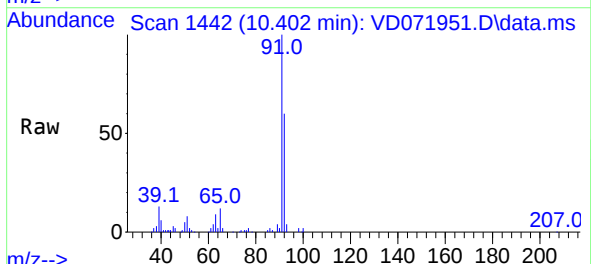
Instrument :
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ASTORIA-YARD-PIT-10

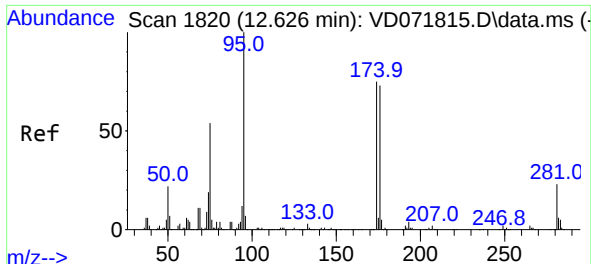
Tgt Ion: 98 Resp: 1089306
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#52
Toluene
Concen: 5.551 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 92 Resp: 90670
Ion Ratio Lower Upper
92 100
91 172.9 139.6 209.4

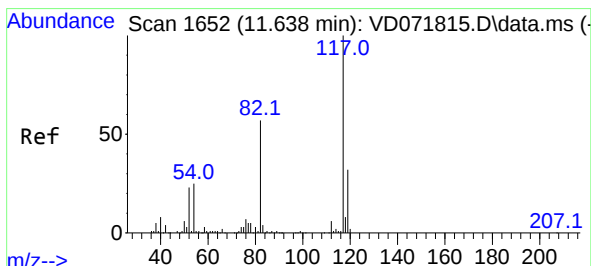
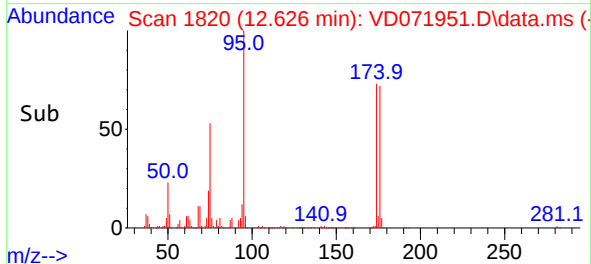
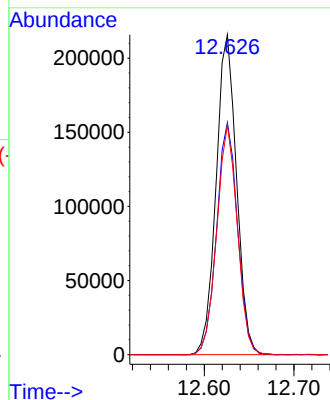
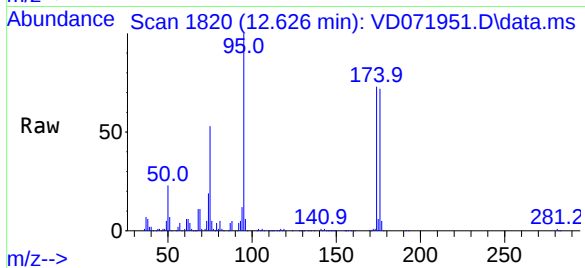




#62
4-Bromofluorobenzene
Concen: 46.152 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

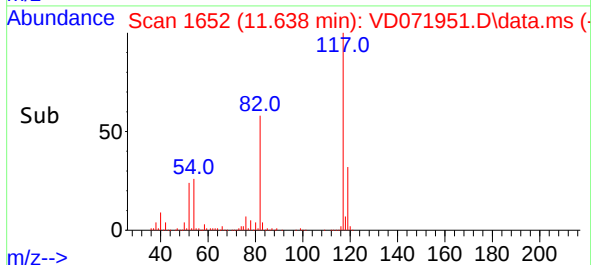
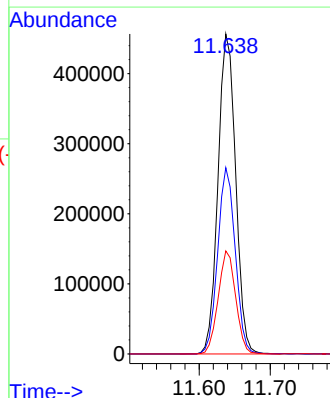
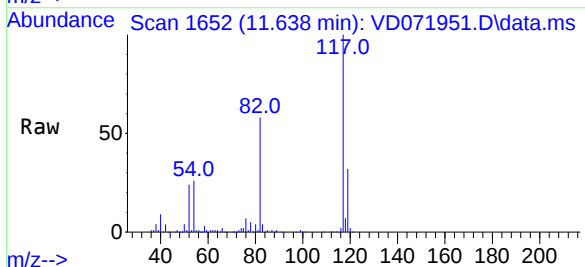
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

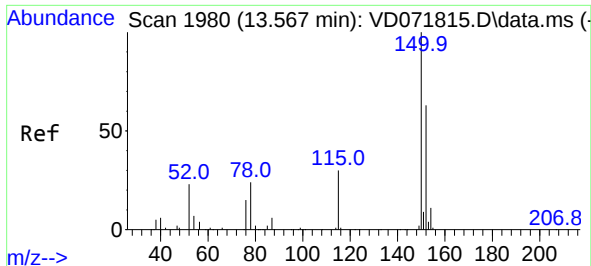
Tgt Ion: 95 Resp: 341257
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 72.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 117 Resp: 785513
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.2 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: VD071951.D

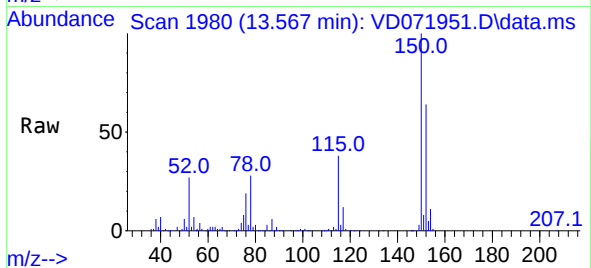
Acq: 14 Feb 2022 12:30

Instrument :

MSVOA_D

ClientSampleId :

ASTORIA-YARD-PIT-10



Tgt Ion:152 Resp: 328577

Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

150 157.1 0.0 348.6

