

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032265.D
 Acq On : 20 Oct 2022 16:07
 Operator : JC/MD
 Sample : N5181-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PIT-14-EXCAVATION-WATER

Quant Time: Oct 21 01:26:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

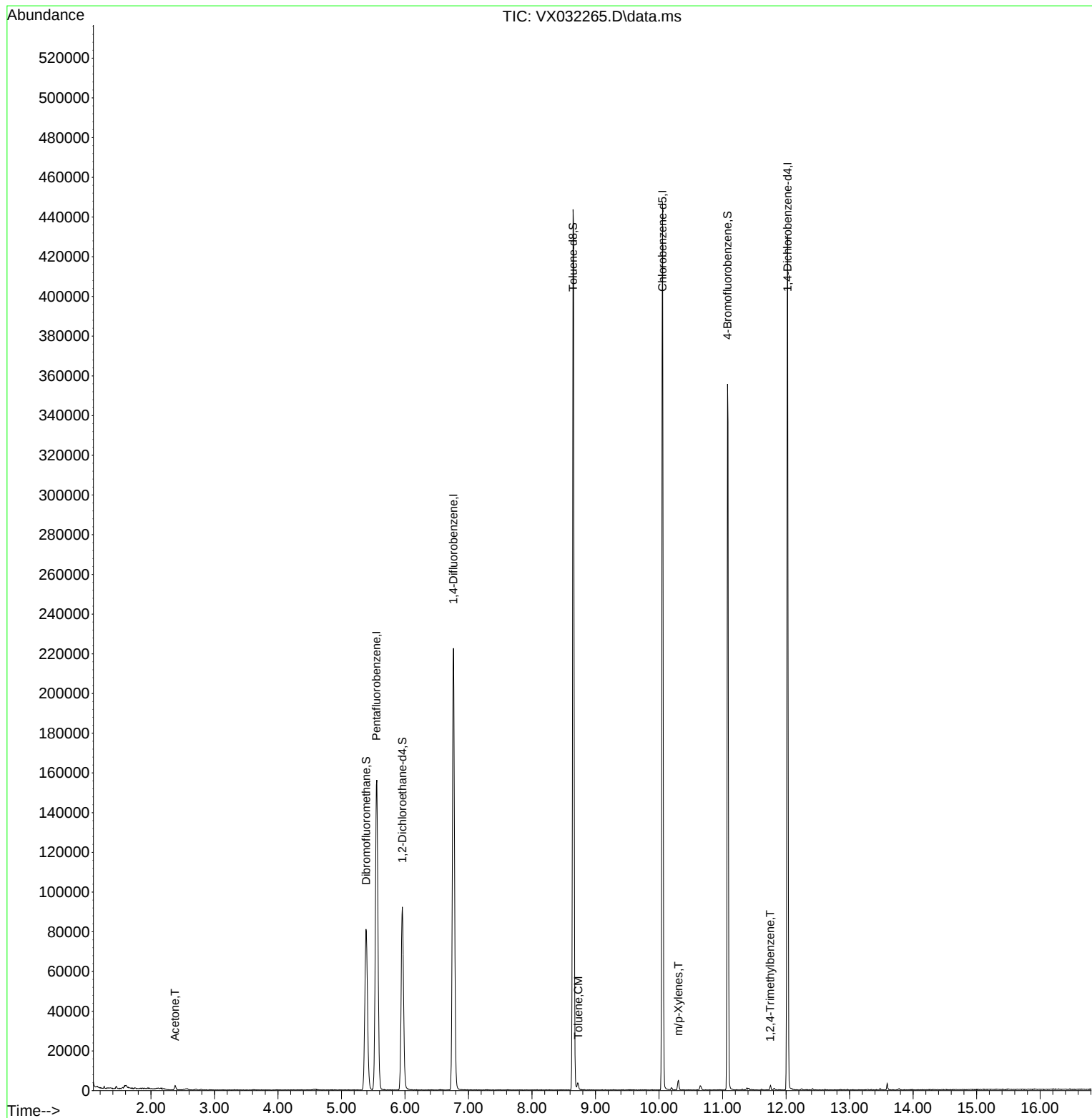
Internal Standards						
1) Pentafluorobenzene	5.550	168	147165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90979	47.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.040%
35) Dibromofluoromethane	5.385	113	70776	45.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.647	98	264827	47.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.440%
62) 4-Bromofluorobenzene	11.079	95	92143	44.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.720%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2541	4.090	ug/l	96
52) Toluene	8.726	92	1342	0.357	ug/l	95
68) m/p-Xylenes	10.305	106	1288	0.471	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1267	0.241	ug/l	95

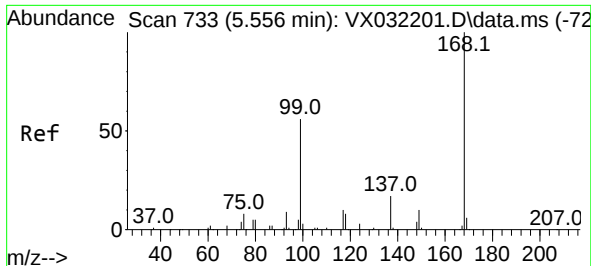
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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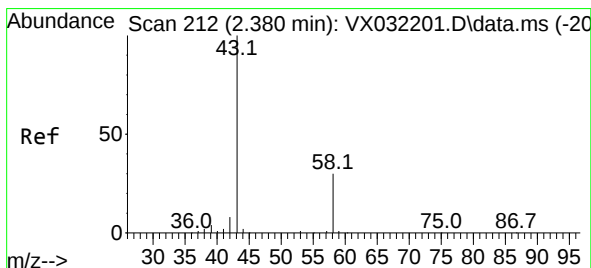
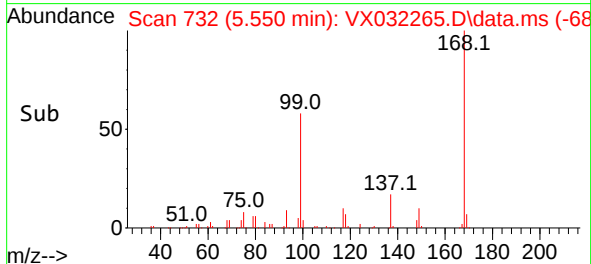
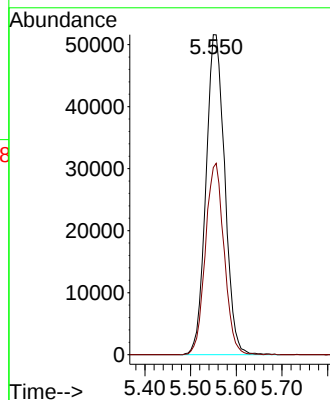
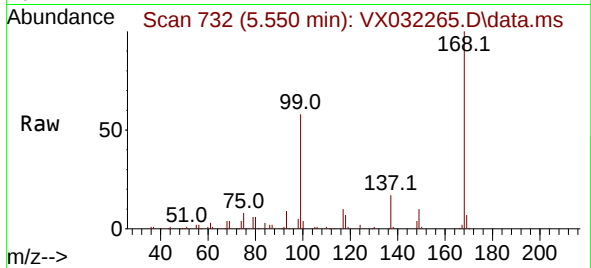




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

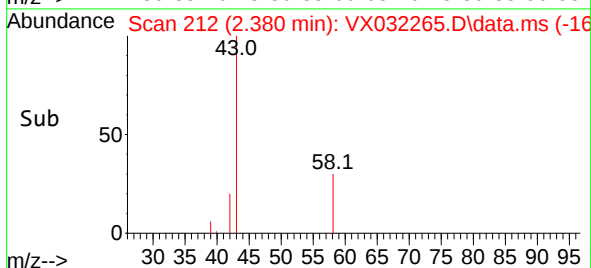
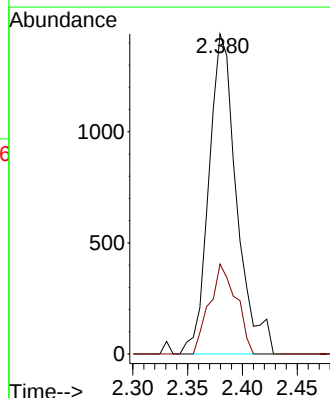
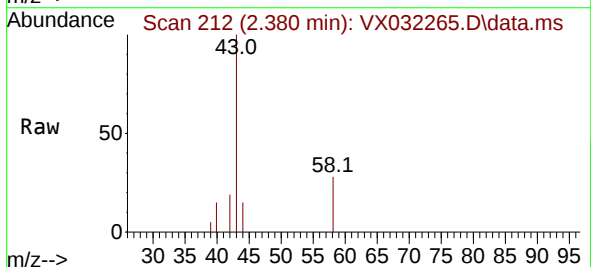
Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-WATER

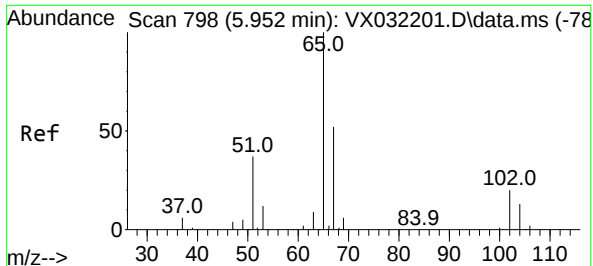
Tgt Ion:168 Resp: 147165
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#16
Acetone
Concen: 4.090 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
58 28.1 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 47.522 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032265.D

Acq: 20 Oct 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

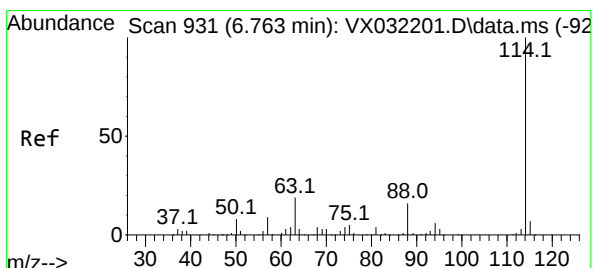
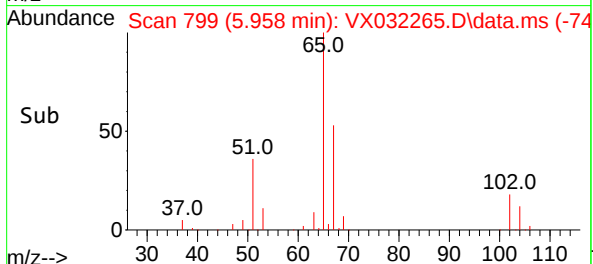
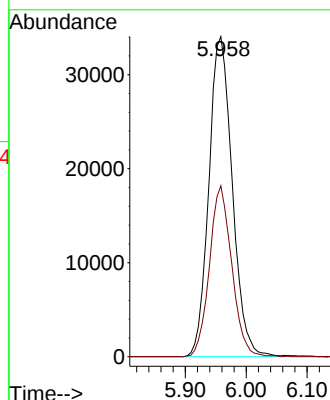
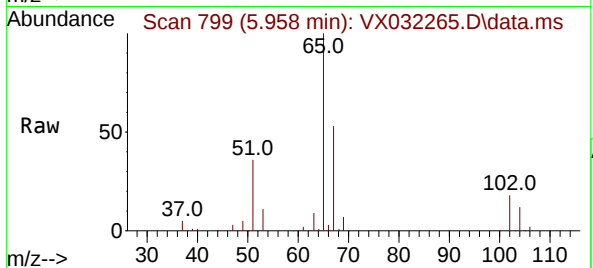
PIT-14-EXCAVATION-WATER

Tgt Ion: 65 Resp: 90979

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032265.D

Acq: 20 Oct 2022 16:07

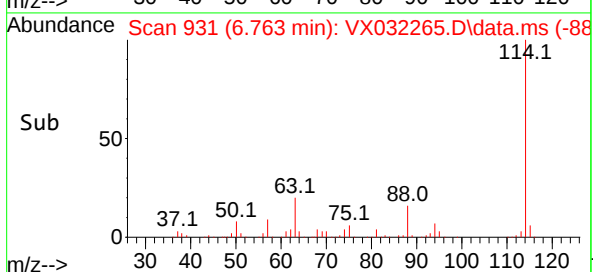
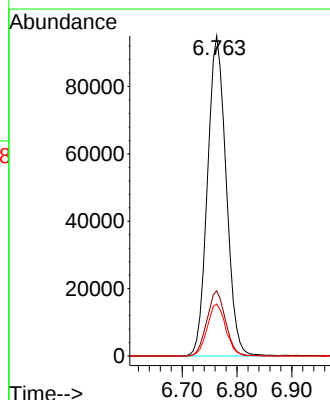
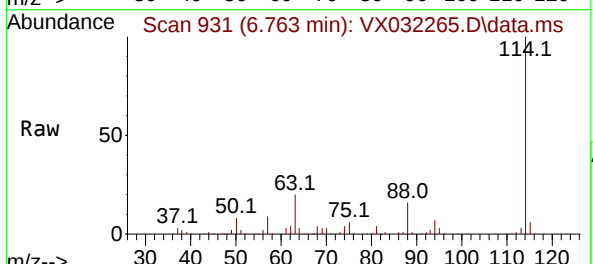
Tgt Ion: 114 Resp: 223907

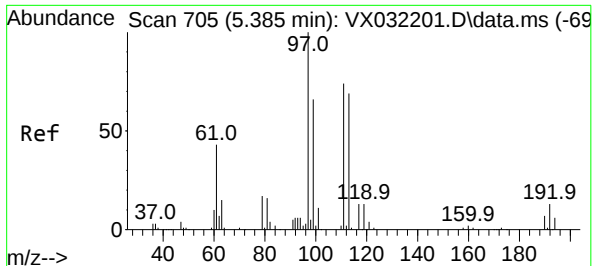
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

88 16.3 0.0 32.6

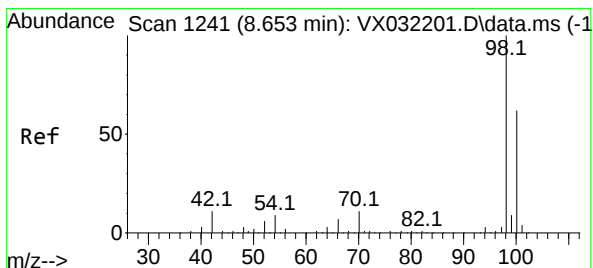
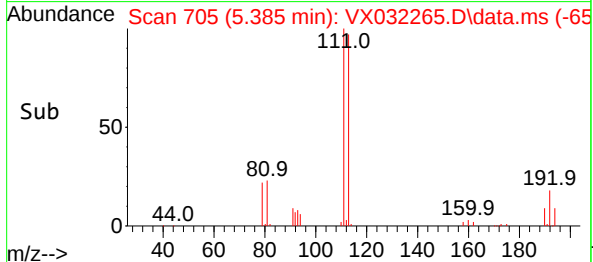
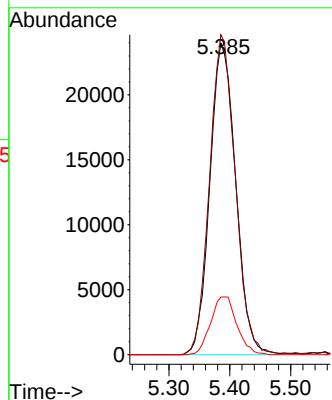
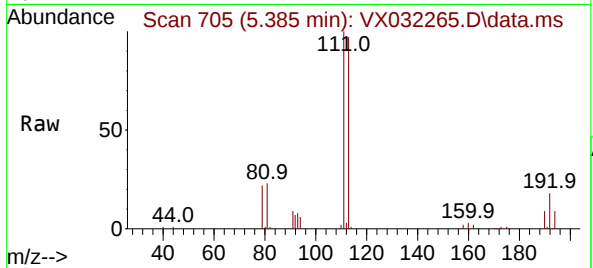




#35
Dibromofluoromethane
Concen: 45.425 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

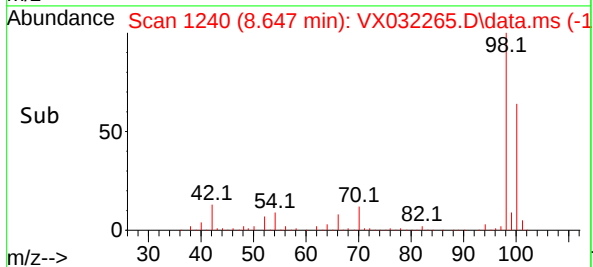
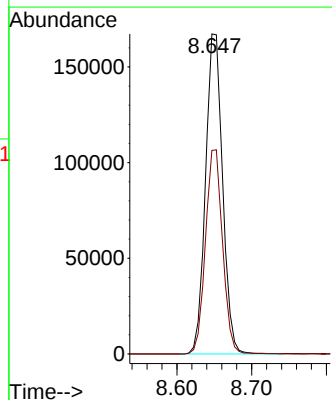
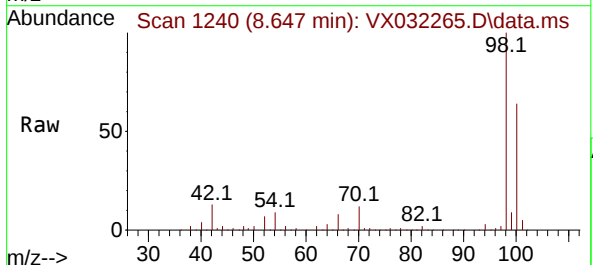
Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-WATER

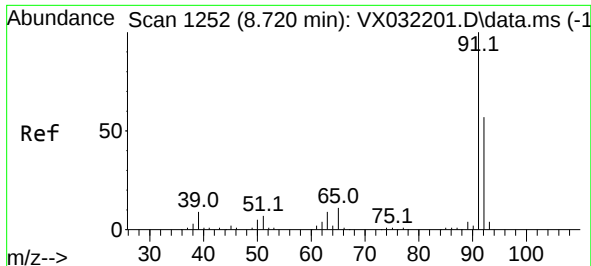
Tgt Ion:113 Resp: 70776
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.8 15.5 23.3



#50
Toluene-d8
Concen: 47.218 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 98 Resp: 264827
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1

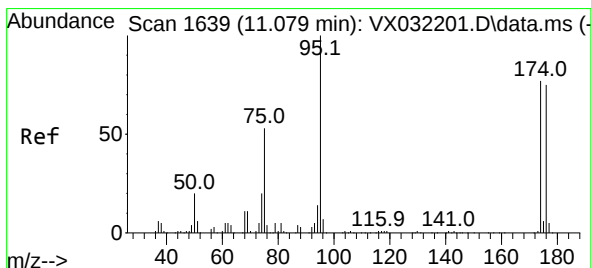
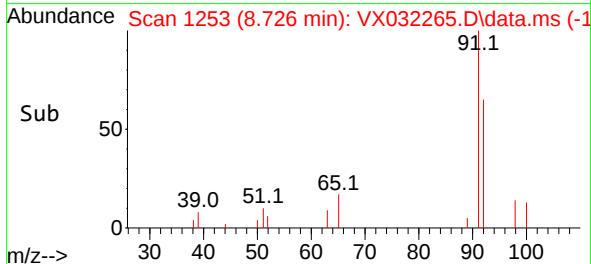
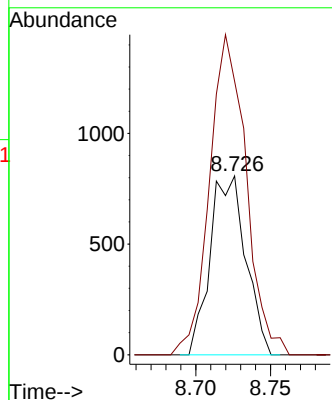
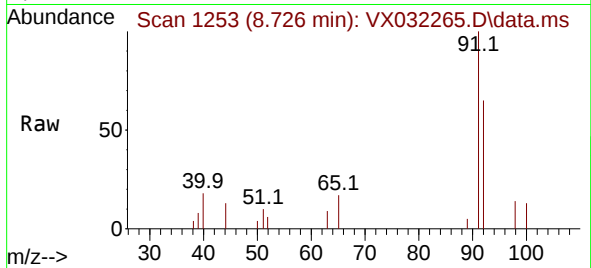




#52
Toluene
Concen: 0.357 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

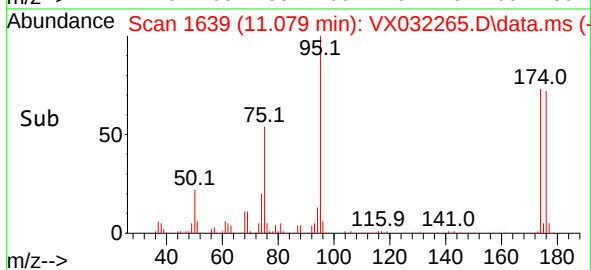
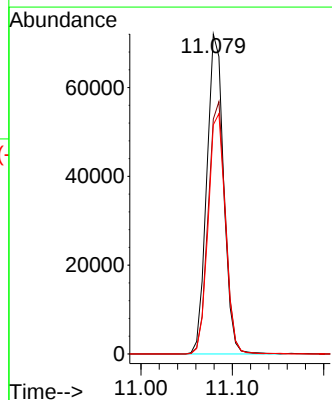
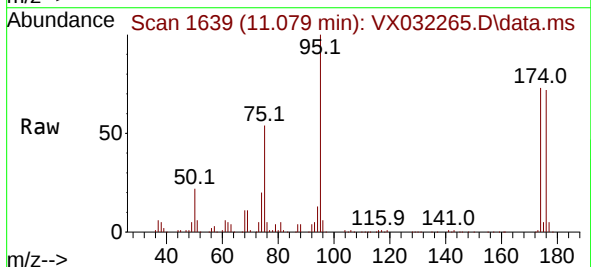
Instrument :
MSVOA_X
ClientSampleId :
PIT-14-EXCAVATION-WATER

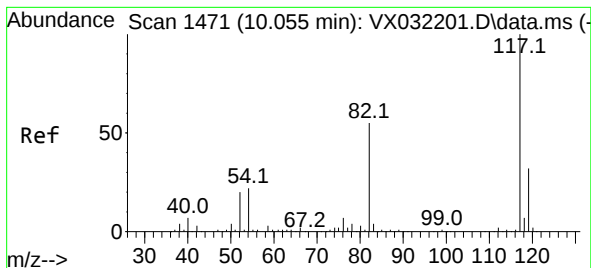
Tgt Ion: 92 Resp: 1342
Ion Ratio Lower Upper
92 100
91 182.8 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 44.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 95 Resp: 92143
Ion Ratio Lower Upper
95 100
174 80.6 0.0 166.8
176 76.9 0.0 161.4

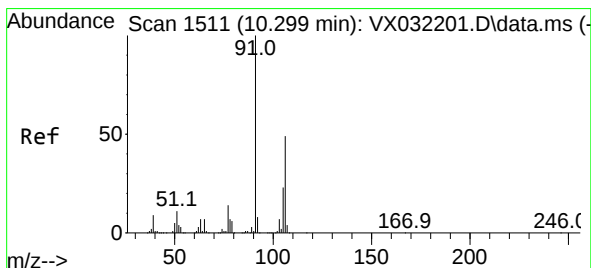
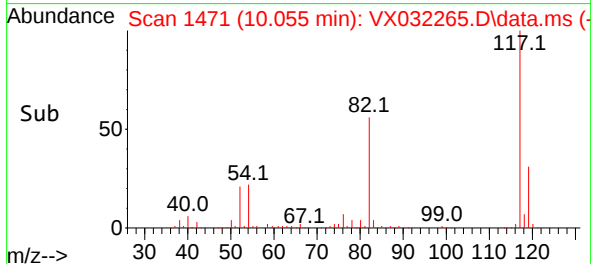
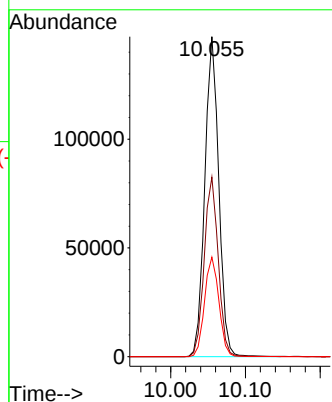
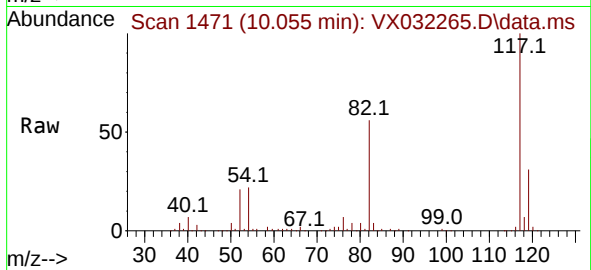




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

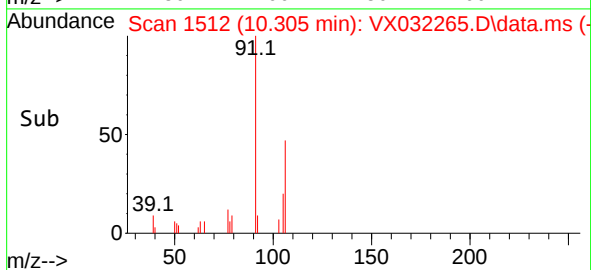
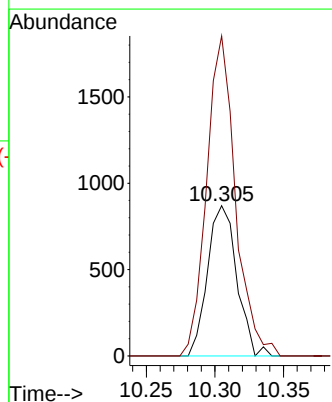
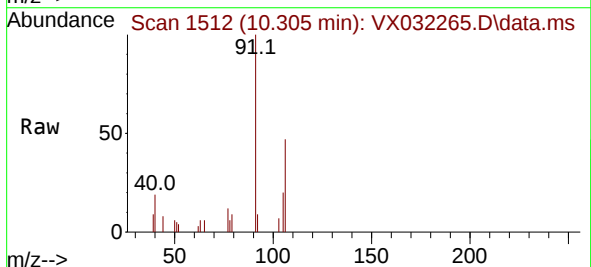
Instrument :
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PIT-14-EXCAVATION-WATER

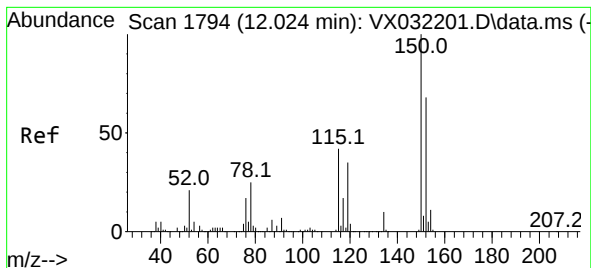
Tgt Ion:117 Resp: 190725
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 31.1 25.8 38.8



#68
m/p-Xylenes
Concen: 0.471 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032265.D
Acq: 20 Oct 2022 16:07

Tgt Ion:106 Resp: 1288
Ion Ratio Lower Upper
106 100
91 210.2 162.6 244.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032265.D

Acq: 20 Oct 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

PIT-14-EXCAVATION-WATER

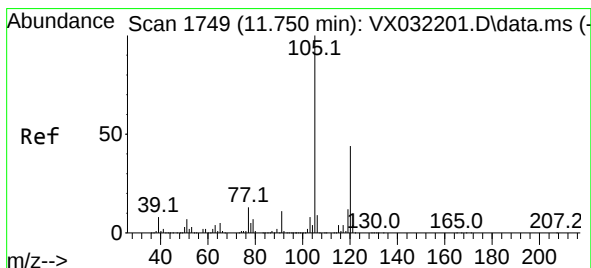
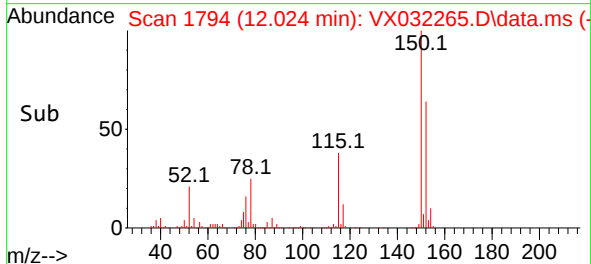
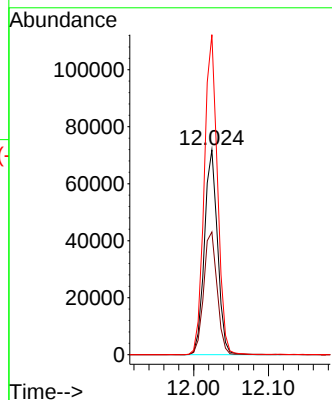
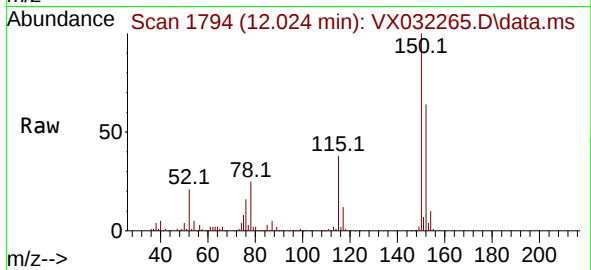
Tgt Ion:152 Resp: 87568

Ion Ratio Lower Upper

152 100

115 61.3 43.1 129.4

150 157.4 0.0 348.6



#84

1,2,4-Trimethylbenzene

Concen: 0.241 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032265.D

Acq: 20 Oct 2022 16:07

Tgt Ion:105 Resp: 1267

Ion Ratio Lower Upper

105 100

120 40.7 22.1 66.1

