

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025899.D
 Acq On : 17 Dec 2021 20:36
 Operator : JC/MD
 Sample : M5165-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXCAVATION-EFFLUENT

Quant Time: Dec 19 02:36:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

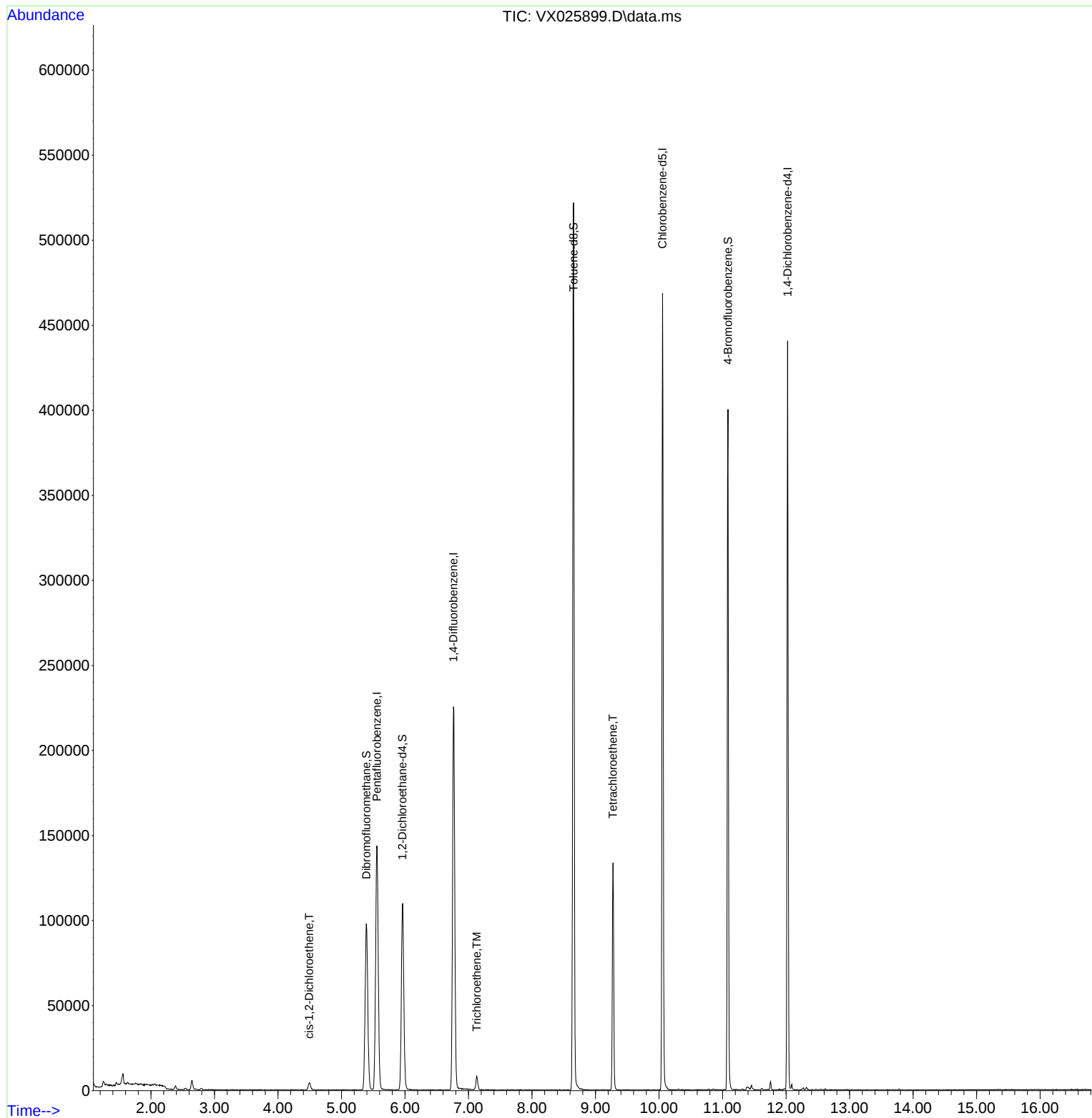
Internal Standards						
1) Pentafluorobenzene	5.556	168	131980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104780	55.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.360%	
35) Dibromofluoromethane	5.391	113	84062	52.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	308776	52.679	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	11.085	95	105201	47.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.500%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.489	96	2502	1.353	ug/l	96
44) Trichloroethene	7.129	130	2925	1.614	ug/l	88
64) Tetrachloroethene	9.275	164	24066	14.435	ug/l	99

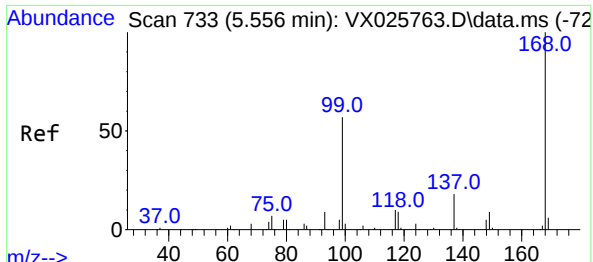
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
Data File : VX025899.D
Acq On : 17 Dec 2021 20:36
Operator : JC/MD
Sample : M5165-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-EFFLUENT

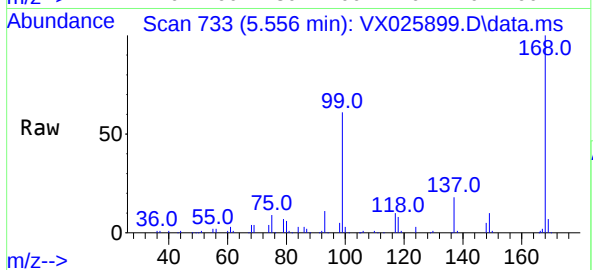
Quant Time: Dec 19 02:36:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



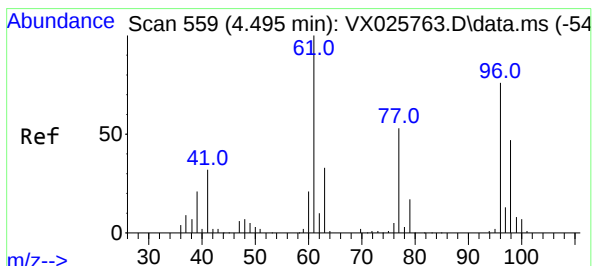
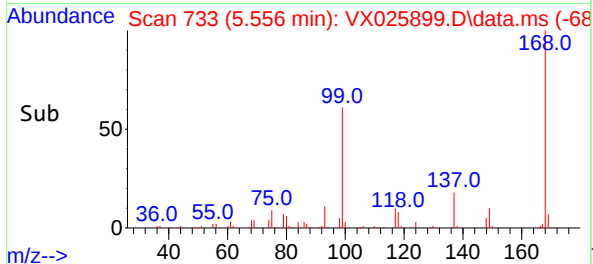
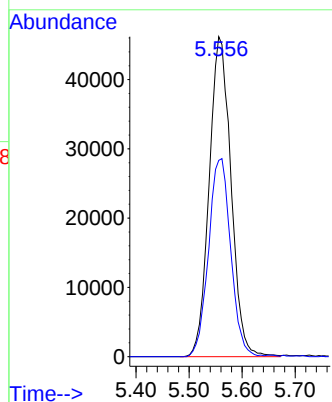


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-EFFLUENT

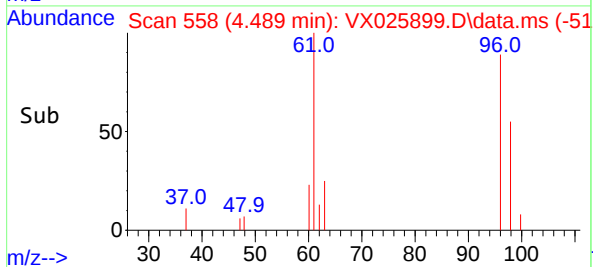
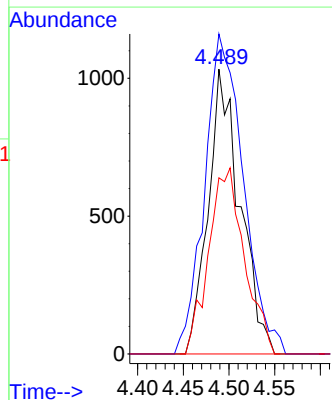
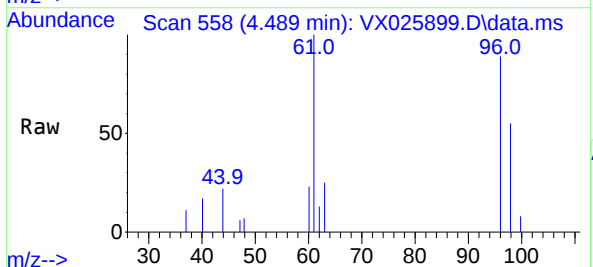


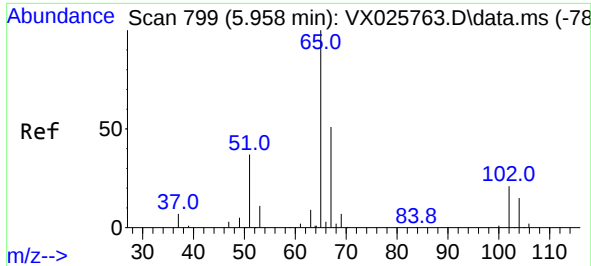
Tgt Ion:168 Resp: 131980
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#27
cis-1,2-Dichloroethene
Concen: 1.353 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 96 Resp: 2502
Ion Ratio Lower Upper
96 100
61 136.7 0.0 276.8
98 73.4 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 55.178 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025899.D

Acq: 17 Dec 2021 20:36

Instrument :

MSVOA_X

ClientSampleId :

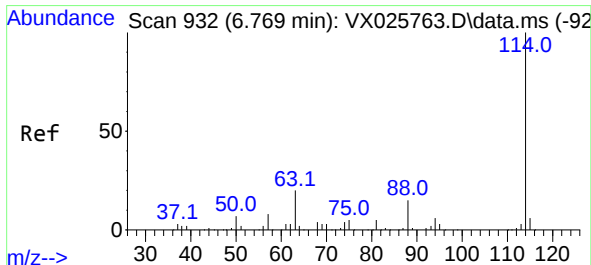
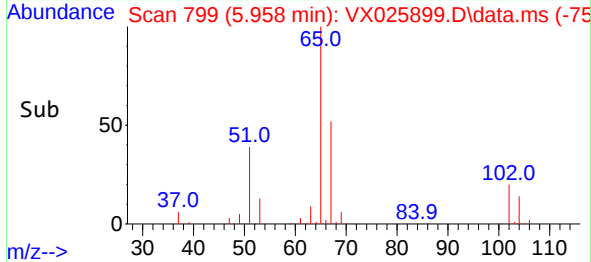
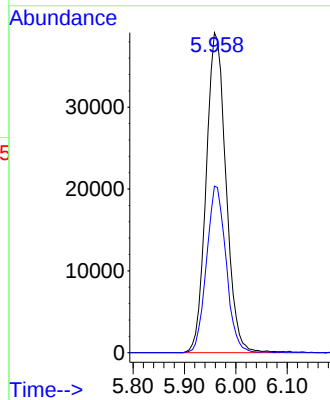
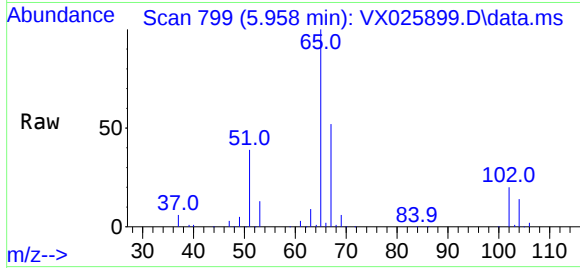
EXCAVATION-EFFLUENT

Tgt Ion: 65 Resp: 104780

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025899.D

Acq: 17 Dec 2021 20:36

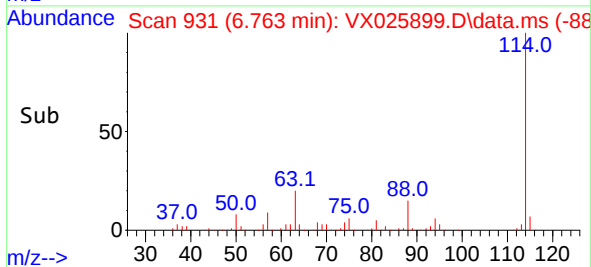
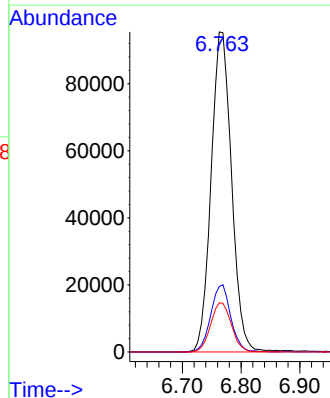
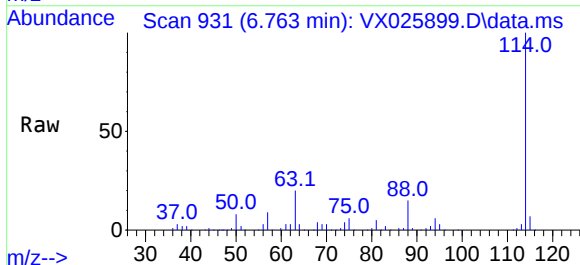
Tgt Ion: 114 Resp: 230673

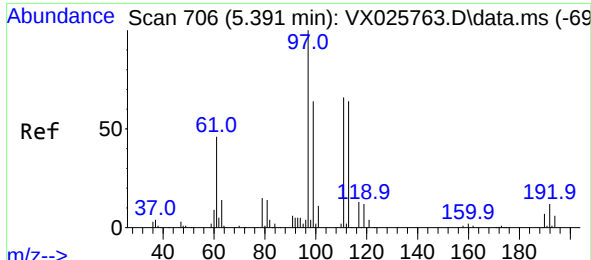
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.253 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025899.D

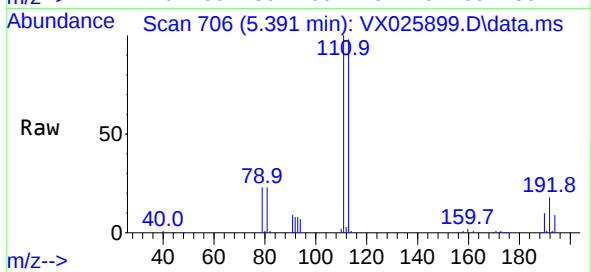
Acq: 17 Dec 2021 20:36

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-EFFLUENT



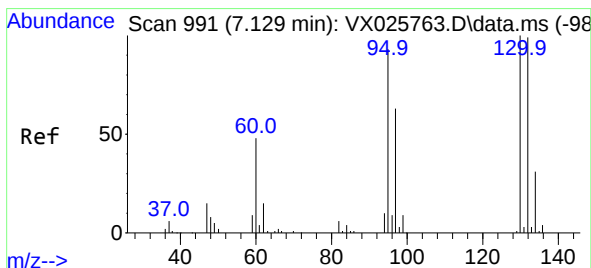
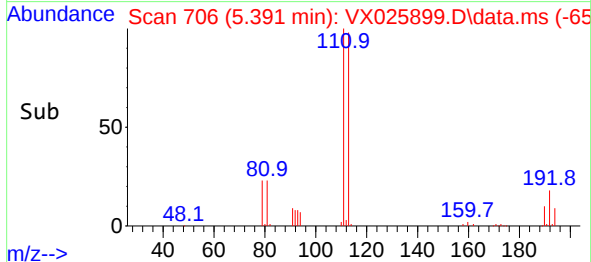
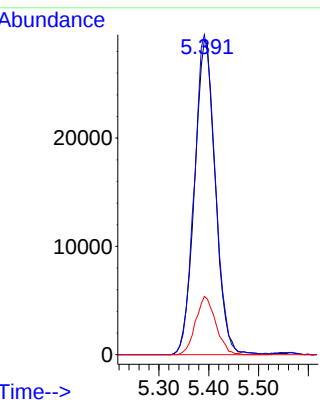
Tgt Ion:113 Resp: 84062

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.0 15.0 22.4



#44

Trichloroethene

Concen: 1.614 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025899.D

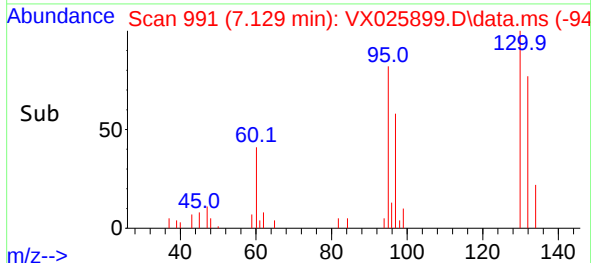
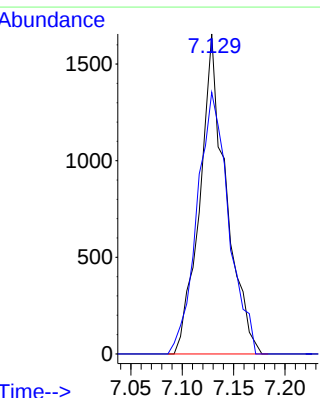
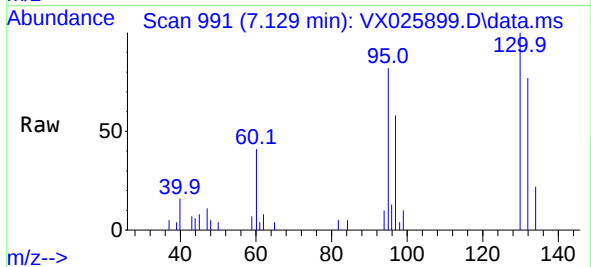
Acq: 17 Dec 2021 20:36

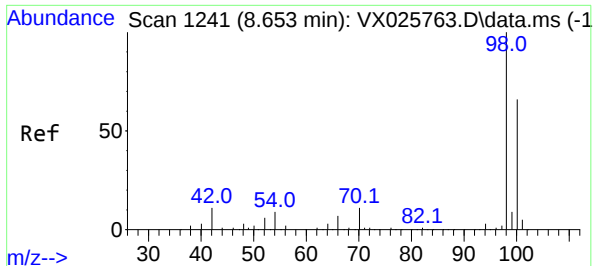
Tgt Ion:130 Resp: 2925

Ion Ratio Lower Upper

130 100

95 81.8 0.0 186.4

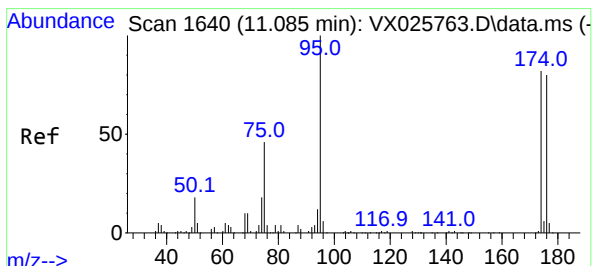
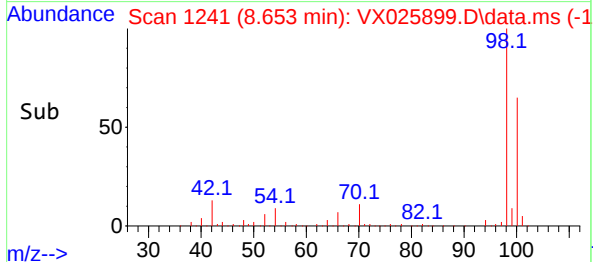
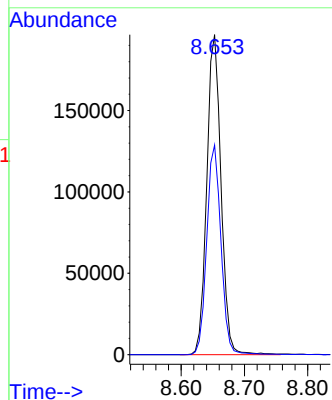
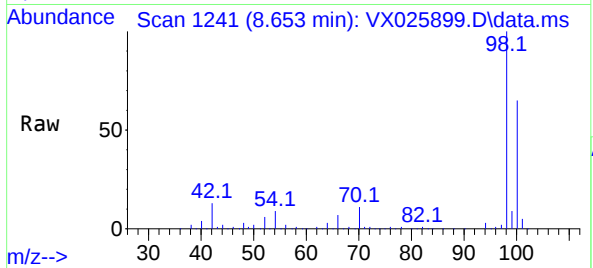




#50
Toluene-d8
Concen: 52.679 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

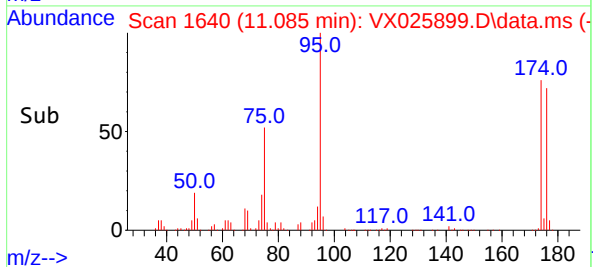
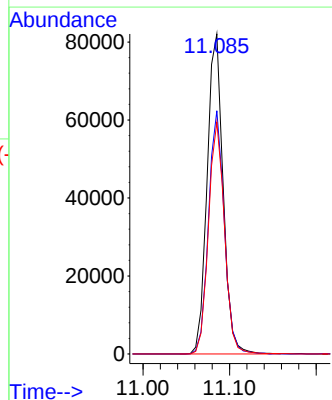
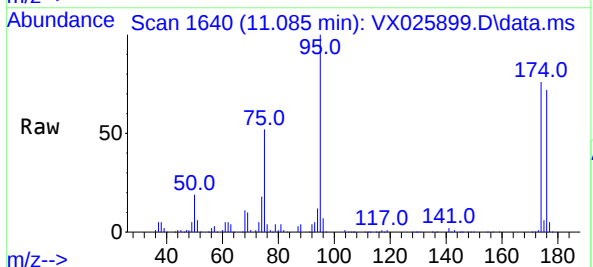
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-EFFLUENT

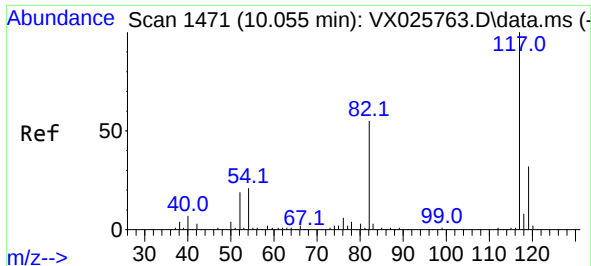
Tgt Ion: 98 Resp: 308776
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion: 95 Resp: 105201
Ion Ratio Lower Upper
95 100
174 75.1 0.0 157.4
176 72.3 0.0 154.6

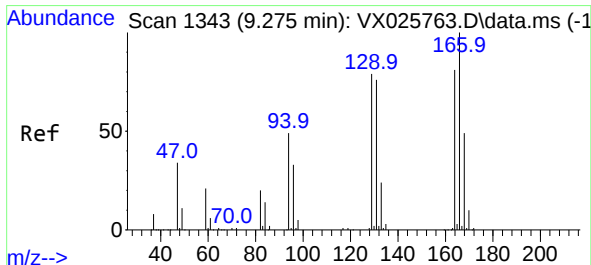
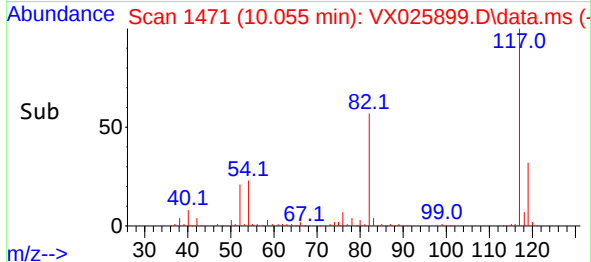
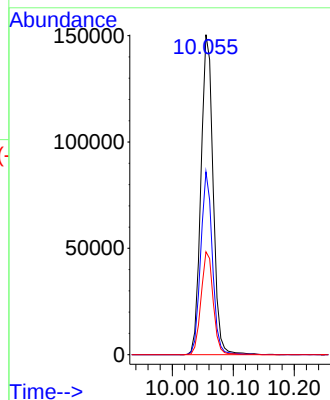
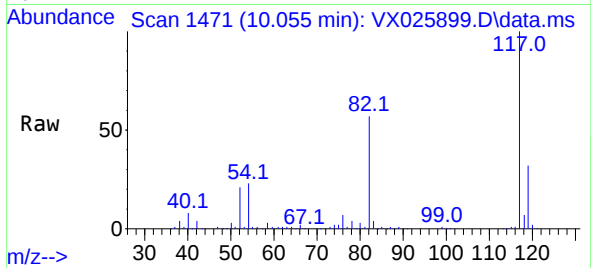




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

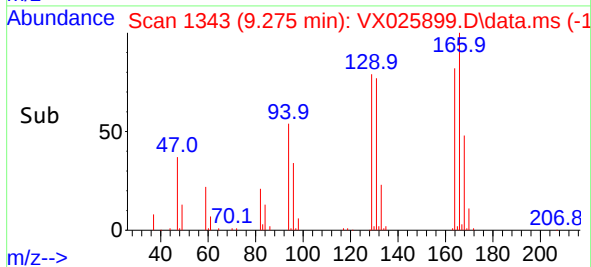
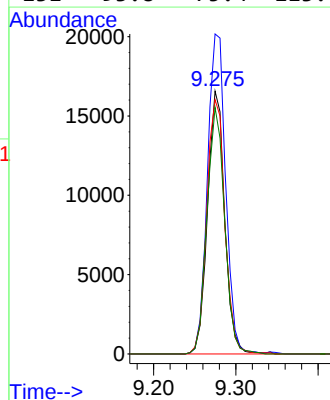
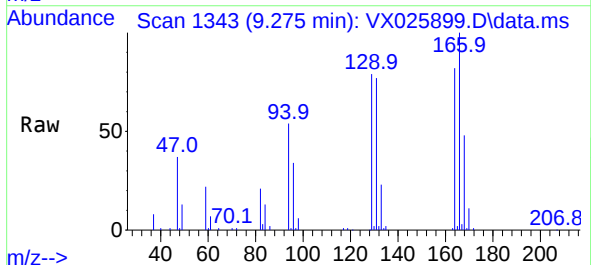
Instrument :
MSVOA_X
ClientSampleId :
EXCAVATION-EFFLUENT

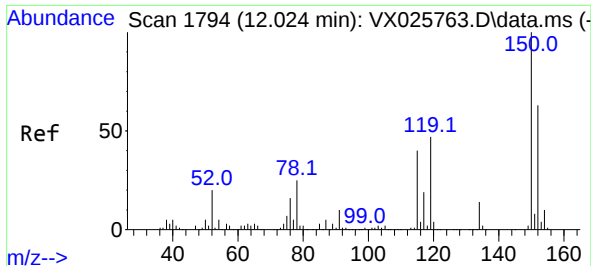
Tgt Ion:117 Resp: 209010
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.6
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 14.435 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025899.D
Acq: 17 Dec 2021 20:36

Tgt Ion:164 Resp: 24066
Ion Ratio Lower Upper
164 100
166 121.8 99.4 149.0
129 96.8 78.6 118.0
131 93.8 75.4 113.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025899.D

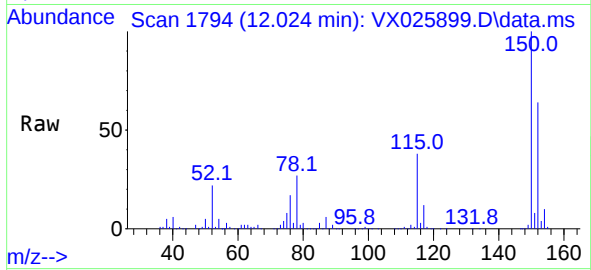
Acq: 17 Dec 2021 20:36

Instrument :

MSVOA_X

ClientSampleId :

EXCAVATION-EFFLUENT



Tgt Ion:152 Resp: 86119

Ion Ratio Lower Upper

152 100

115 60.8 41.3 123.9

150 157.1 0.0 351.8

