

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071406.D
 Acq On : 21 Dec 2021 13:02
 Operator : VA/SY
 Sample : M5179-05
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-1

Quant Time: Dec 21 19:05:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

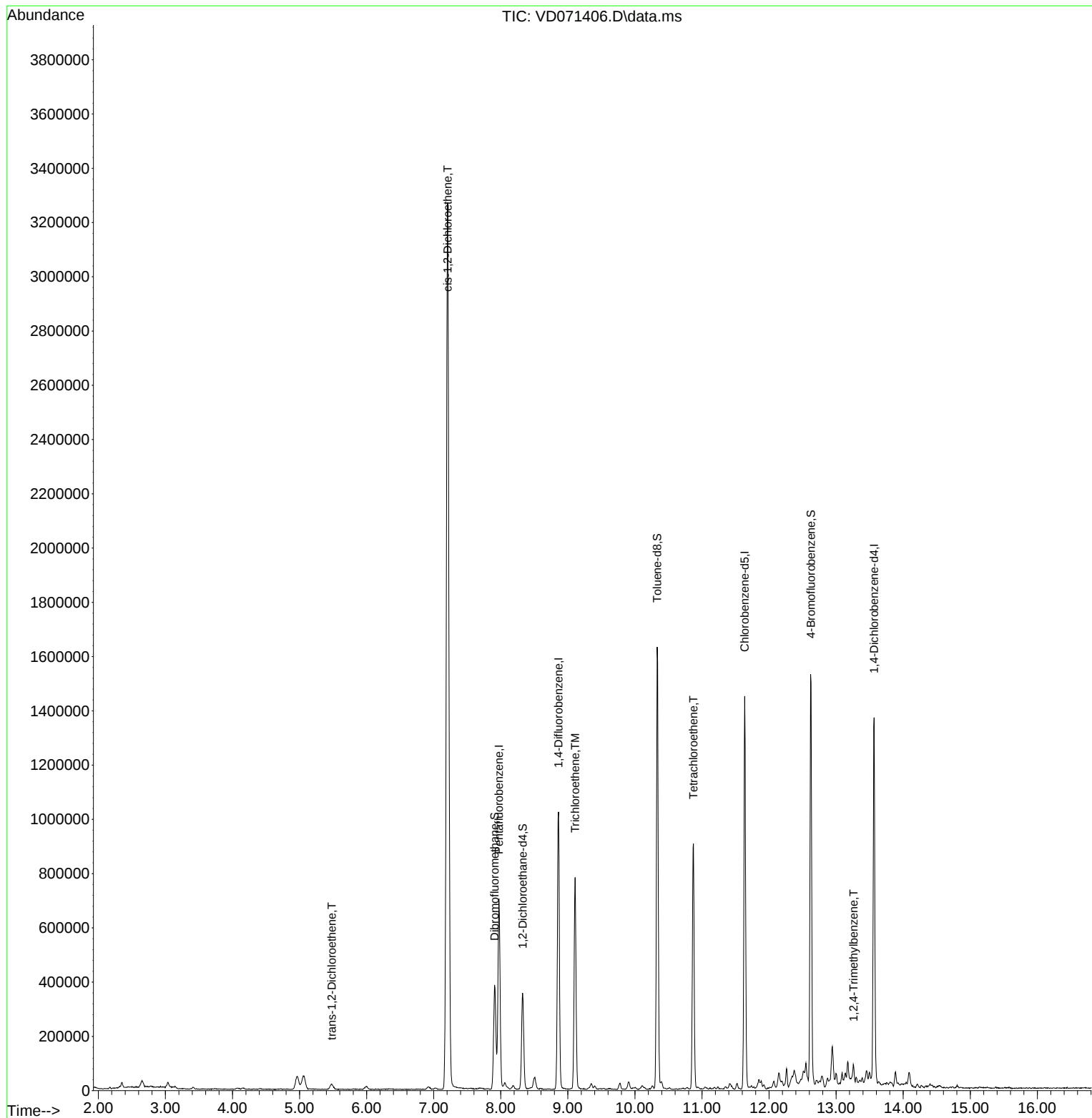
Internal Standards						
1) Pentafluorobenzene	7.973	168	484890	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	852158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	761093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	335029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	283181	49.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.908	113	267315	49.261	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.332	98	1061399	51.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.626	95	348575	48.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.400%
Target Compounds						
21) trans-1,2-Dichloroethene	5.479	96	7484	1.477	ug/l	86
27) cis-1,2-Dichloroethene	7.208	96	1900500	331.527	ug/l	95
44) Trichloroethene	9.108	130	258197	44.762	ug/l	97
64) Tetrachloroethene	10.873	164	190297	39.384	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	34483	1.766	ug/l	85

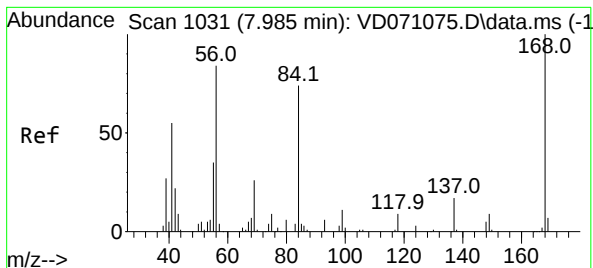
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
Data File : VD071406.D
Acq On : 21 Dec 2021 13:02
Operator : VA/SY
Sample : M5179-05
Misc : 6.24G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

Quant Time: Dec 21 19:05:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

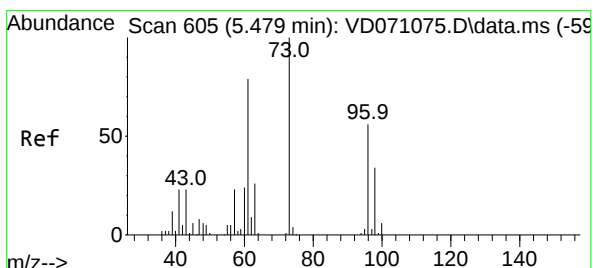
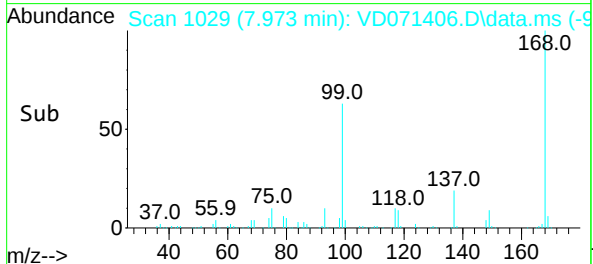
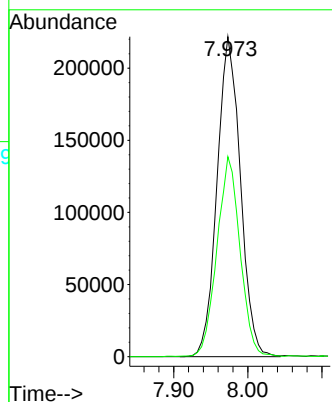
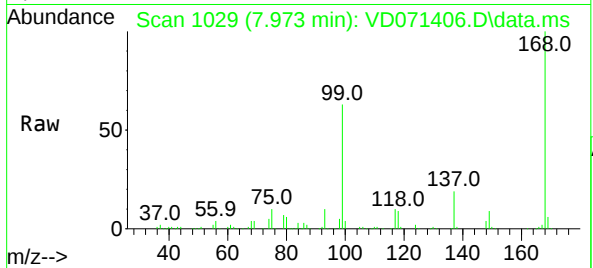




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

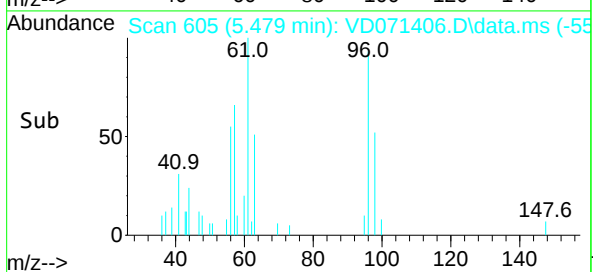
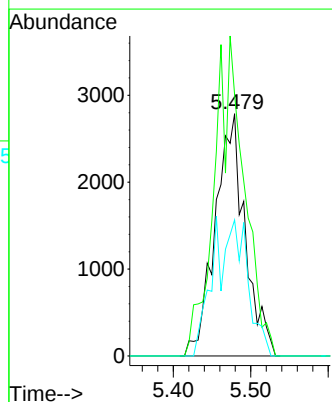
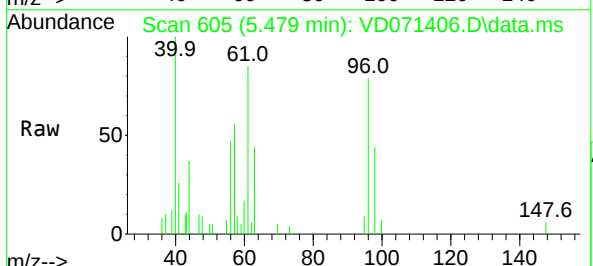
Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

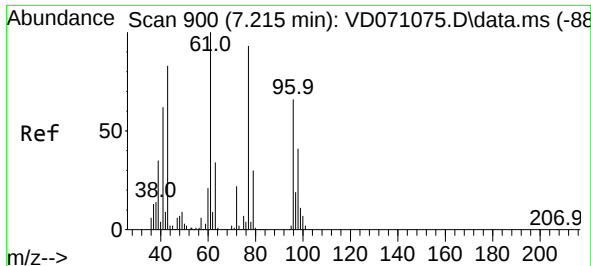
Tgt Ion:168 Resp: 484890
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8



#21
trans-1,2-Dichloroethene
Concen: 1.477 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

Tgt Ion: 96 Resp: 7484
Ion Ratio Lower Upper
96 100
61 107.7 102.1 153.1
98 56.1 50.1 75.1





#27

cis-1,2-Dichloroethene

Concen: 331.527 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

Lab File: VD071406.D

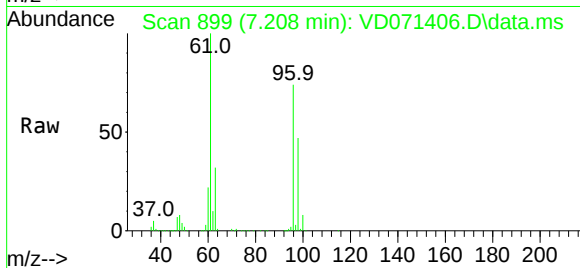
Acq: 21 Dec 2021 13:02

Instrument :

MSVOA_D

ClientSampleId :

POST-EXCAVATION-BOTTOM-1



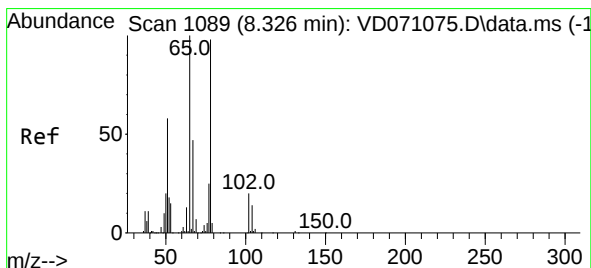
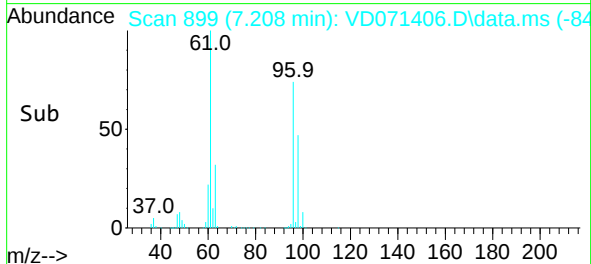
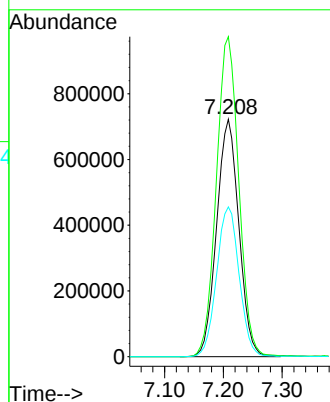
Tgt Ion: 96 Resp: 1900500

Ion Ratio Lower Upper

96 100

61 135.8 0.0 288.6

98 64.0 0.0 129.2



#33

1,2-Dichloroethane-d4

Concen: 49.772 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071406.D

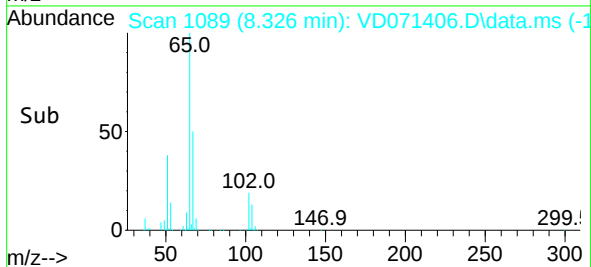
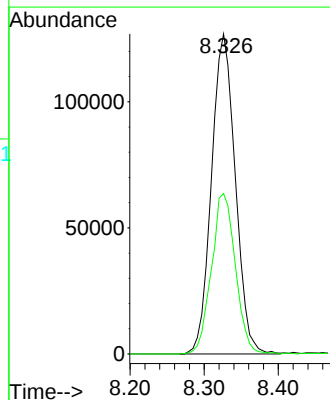
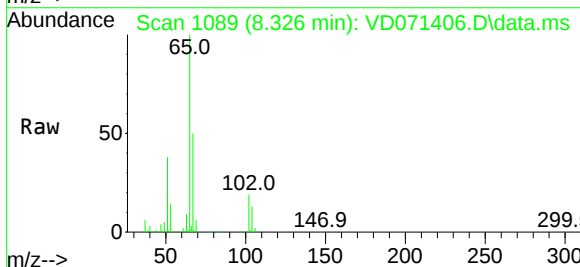
Acq: 21 Dec 2021 13:02

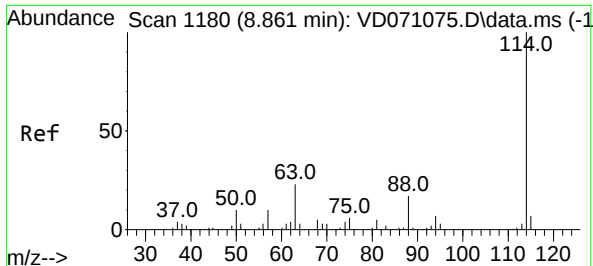
Tgt Ion: 65 Resp: 283181

Ion Ratio Lower Upper

65 100

67 50.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071406.D

Acq: 21 Dec 2021 13:02

Instrument :

MSVOA_D

ClientSampleId :

POST-EXCAVATION-BOTTOM-1

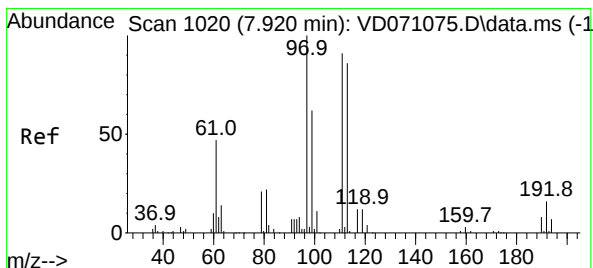
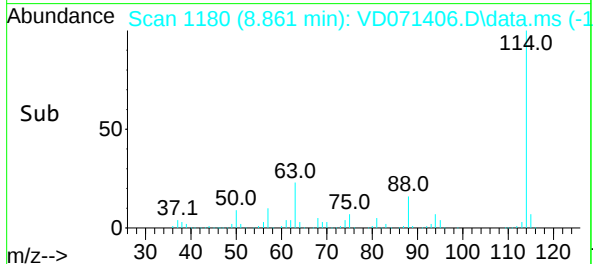
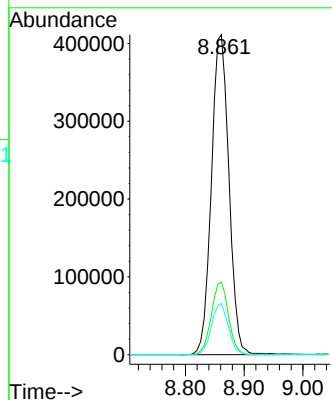
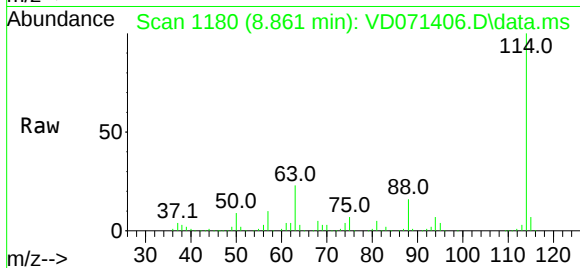
Tgt Ion:114 Resp: 852158

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.261 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071406.D

Acq: 21 Dec 2021 13:02

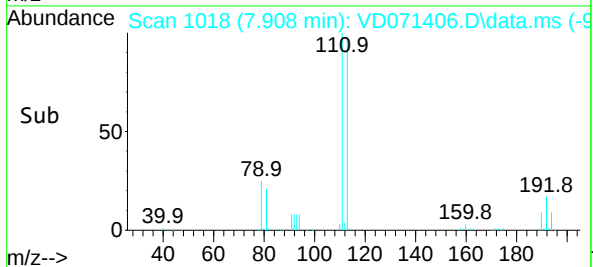
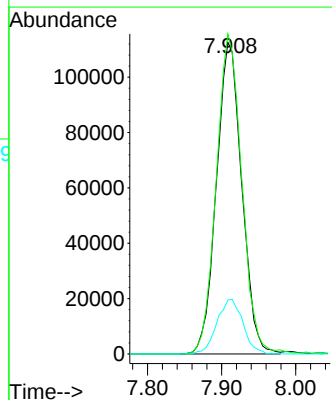
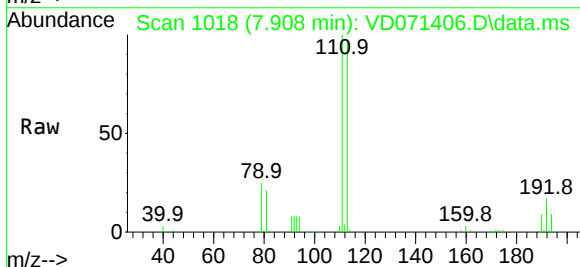
Tgt Ion:113 Resp: 267315

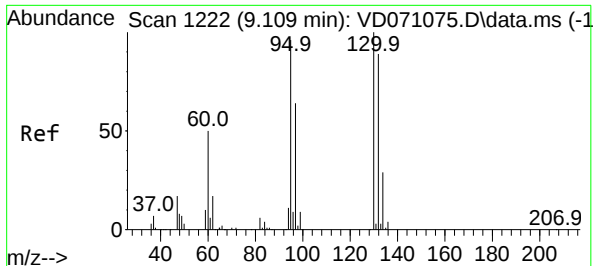
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 18.0 15.2 22.8

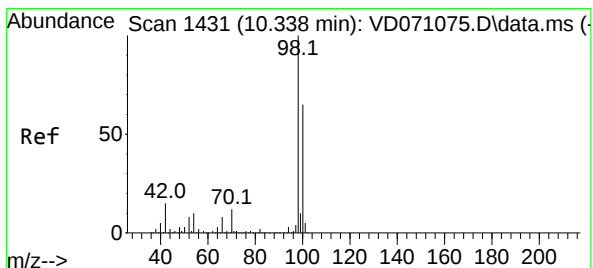
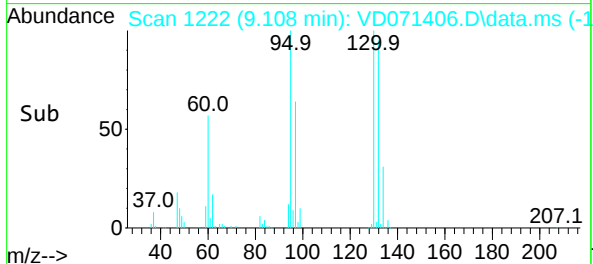
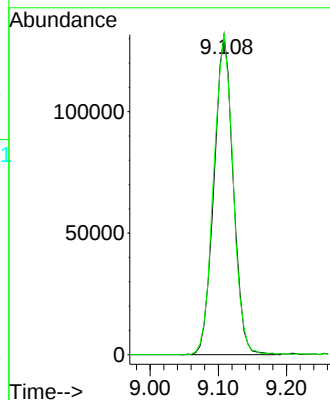
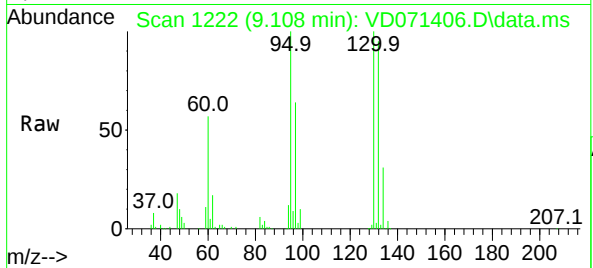




#44
Trichloroethene
Concen: 44.762 ug/l
RT: 9.108 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

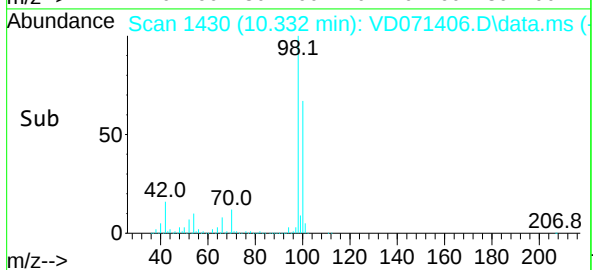
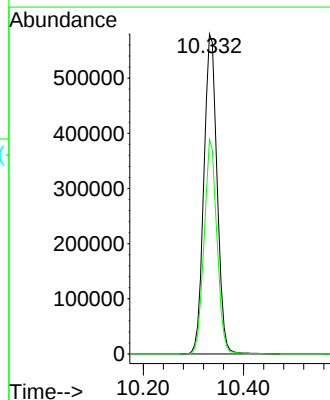
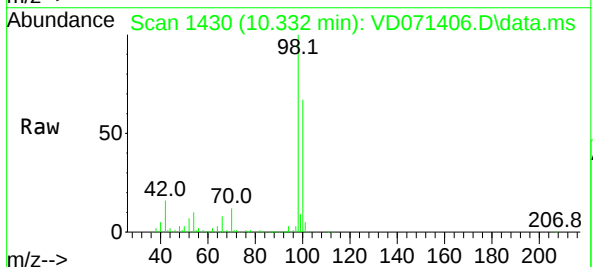
Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

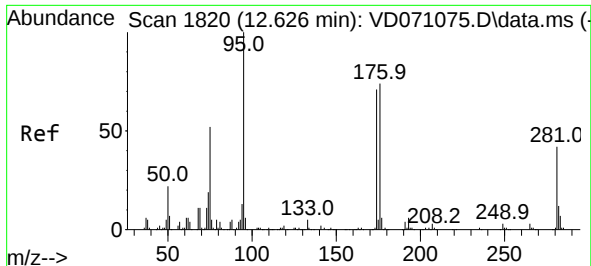
Tgt Ion:130 Resp: 258197
Ion Ratio Lower Upper
130 100
95 100.0 0.0 193.2



#50
Toluene-d8
Concen: 51.398 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

Tgt Ion: 98 Resp: 1061399
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

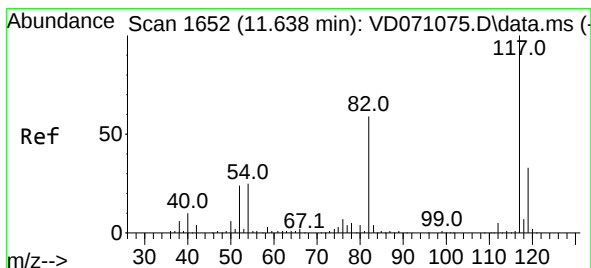
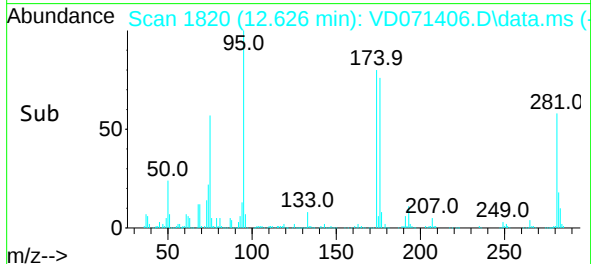
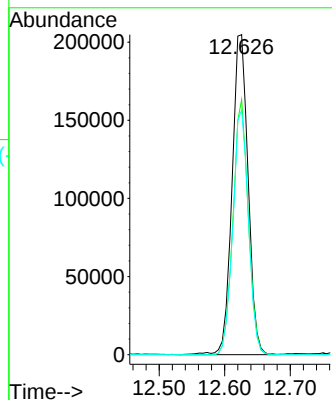
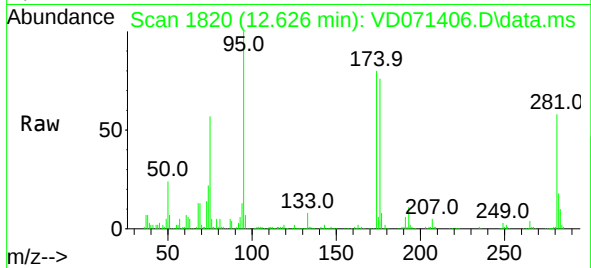




#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

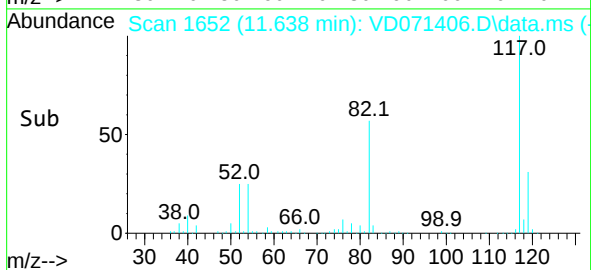
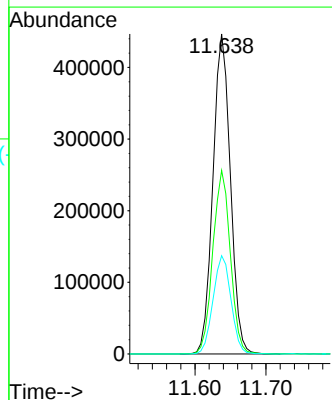
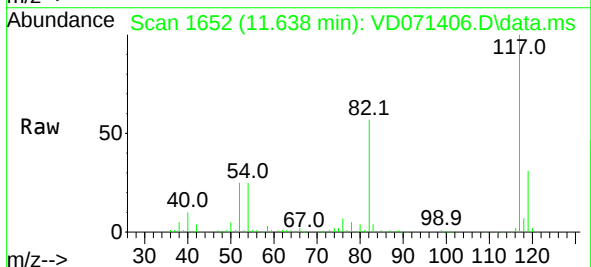
Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

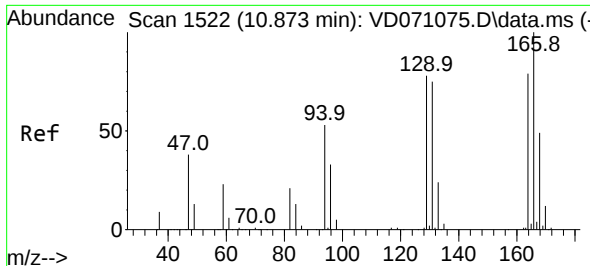
Tgt Ion: 95 Resp: 348575
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 74.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

Tgt Ion: 117 Resp: 761093
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 30.7 26.2 39.4

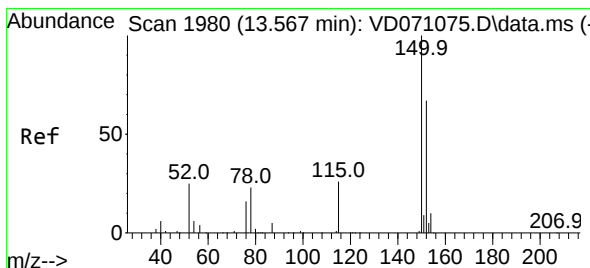
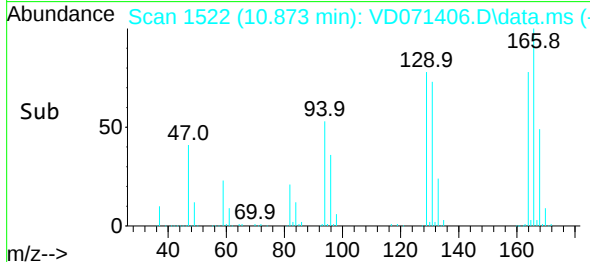
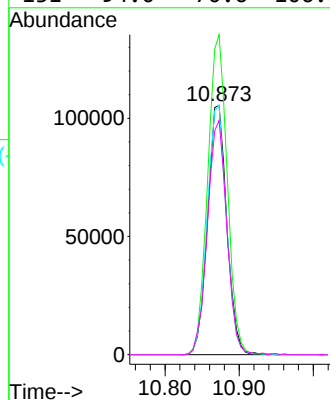
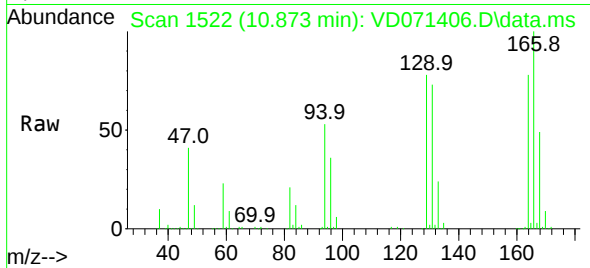




#64
Tetrachloroethene
Concen: 39.384 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

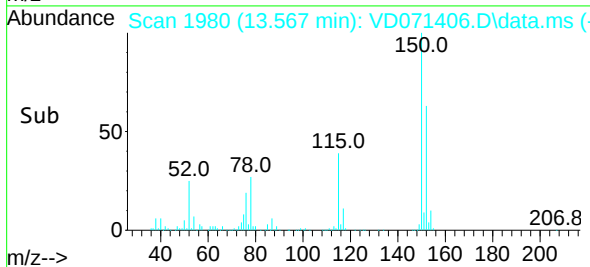
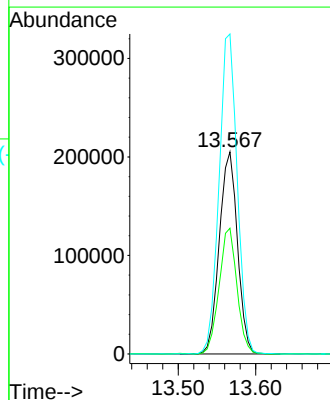
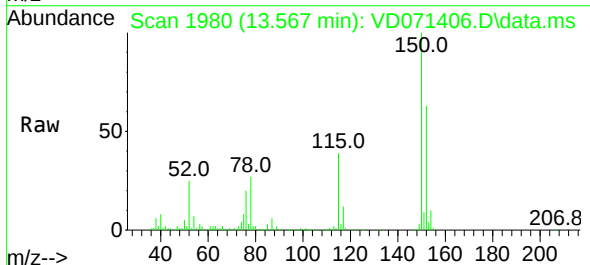
Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

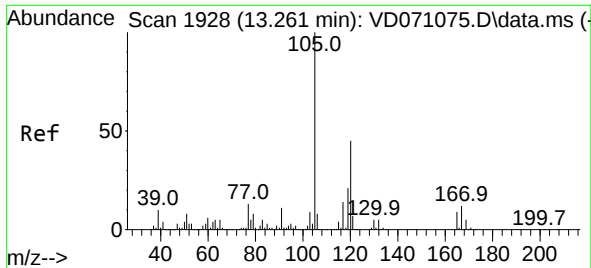
Tgt Ion:164 Resp: 190297
Ion Ratio Lower Upper
164 100
166 128.4 102.6 153.8
129 100.2 75.4 113.0
131 94.0 70.6 106.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071406.D
Acq: 21 Dec 2021 13:02

Tgt Ion:152 Resp: 335029
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 158.4 0.0 349.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.766 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: VD071406.D
 Acq: 21 Dec 2021 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-1

Tgt Ion:105 Resp: 34483
 Ion Ratio Lower Upper
 105 100
 120 55.8 22.9 68.7

