

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070420.D
 Acq On : 31 Dec 2021 1:47
 Operator : JC/MD
 Sample : M5179-02ME
 Misc : 5.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTME

Quant Time: Dec 31 06:34:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

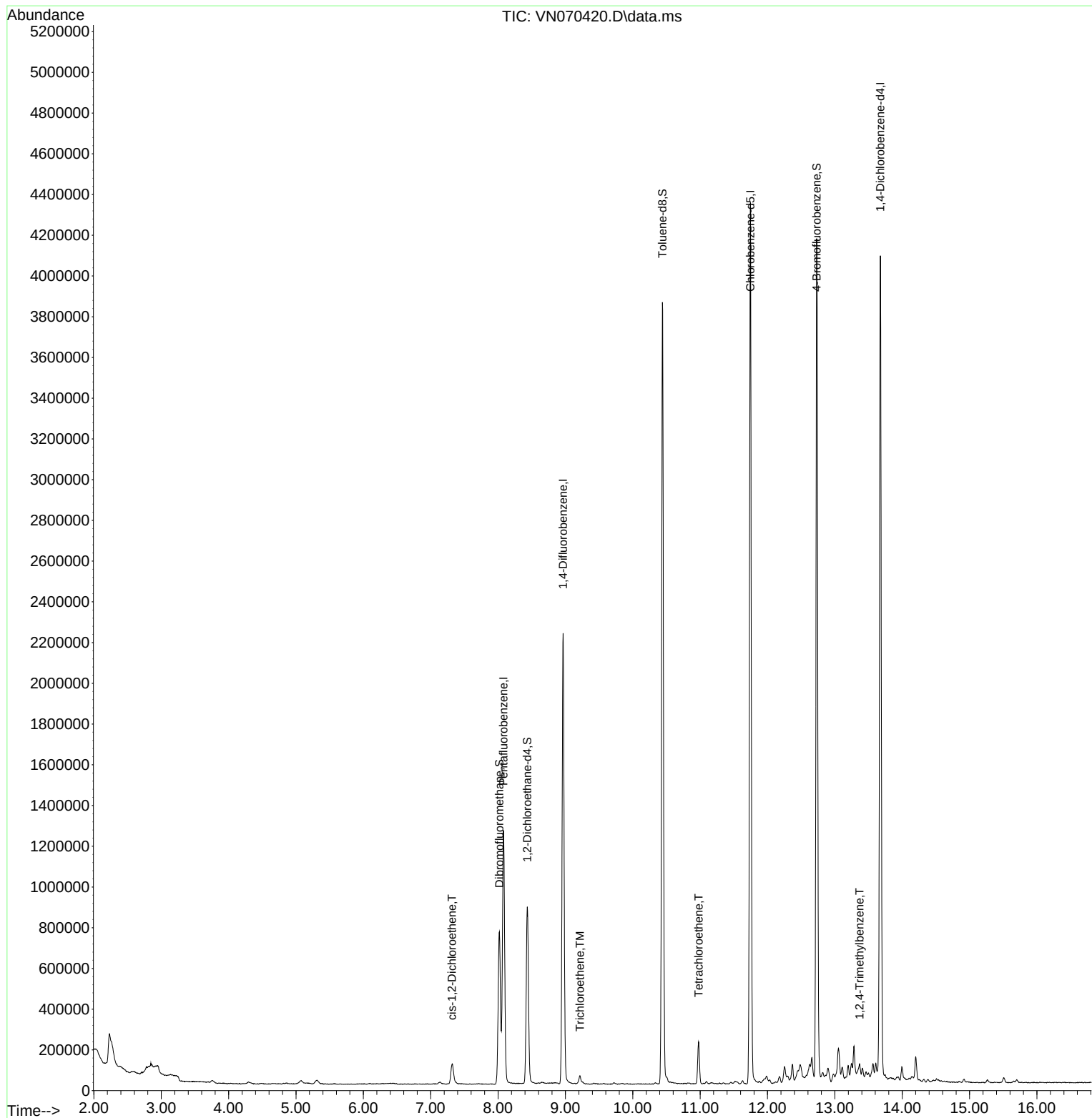
Internal Standards						
1) Pentafluorobenzene	8.080	168	957185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1875106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2419848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1109908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	729818	53.029	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 106.060%		
35) Dibromofluoromethane	8.019	113	557141	49.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 98.220%		
50) Toluene-d8	10.440	98	2636249	56.881	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 113.760%		
62) 4-Bromofluorobenzene	12.731	95	1240390	74.100	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 148.200%#		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.316	96	57754	4.689	ug/l	98
44) Trichloroethene	9.215	130	13093	0.958	ug/l	89
64) Tetrachloroethene	10.977	164	48176	2.749	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	38047	0.478	ug/l	96

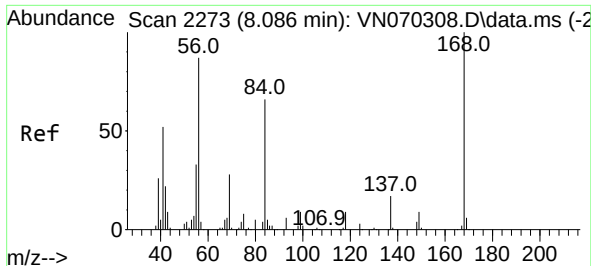
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
Data File : VN070420.D
Acq On : 31 Dec 2021 1:47
Operator : JC/MD
Sample : M5179-02ME
Misc : 5.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTME

Quant Time: Dec 31 06:34:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

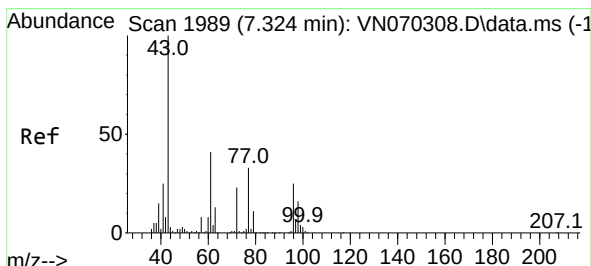
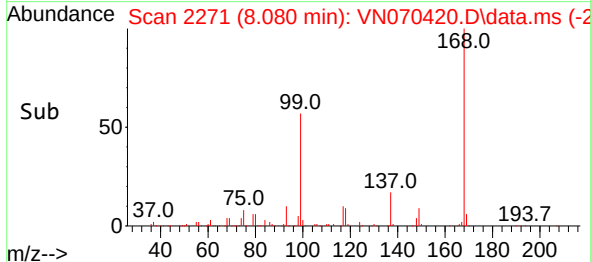
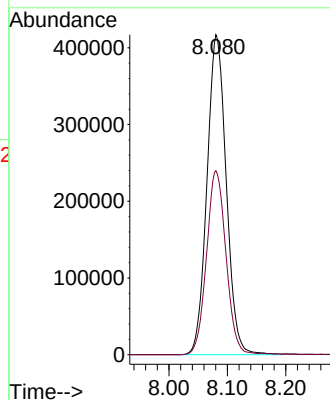
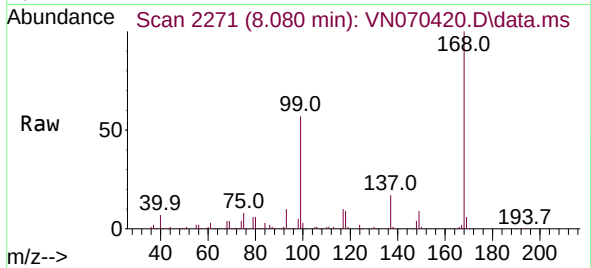




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

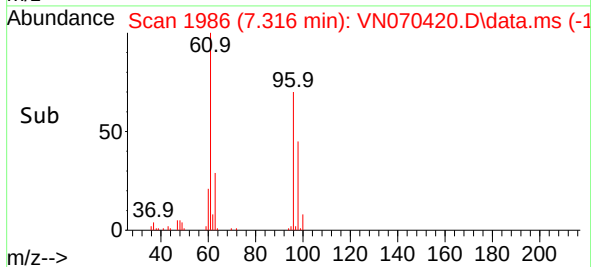
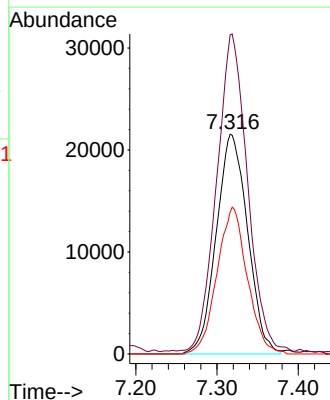
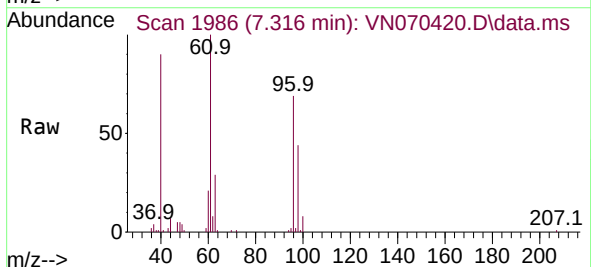
Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTME

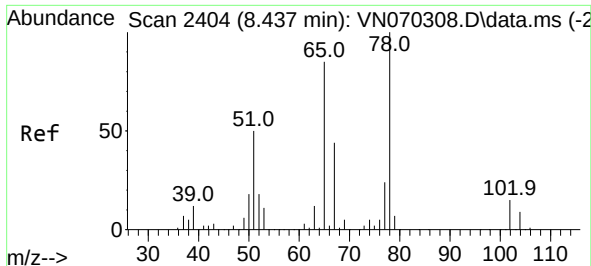
Tgt Ion:168 Resp: 957185
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#27
cis-1,2-Dichloroethene
Concen: 4.689 ug/l
RT: 7.316 min Scan# 1986
Delta R.T. -0.008 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

Tgt Ion: 96 Resp: 57754
Ion Ratio Lower Upper
96 100
61 141.2 0.0 275.0
98 64.5 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 53.029 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070420.D

Acq: 31 Dec 2021 1:47

Instrument :

MSVOA_N

ClientSampleId :

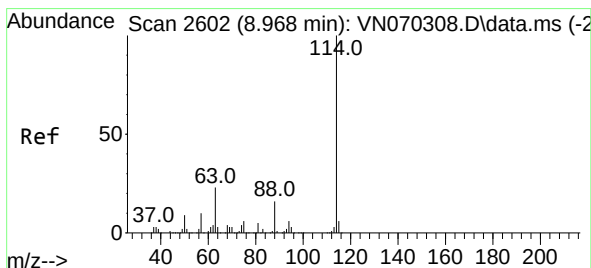
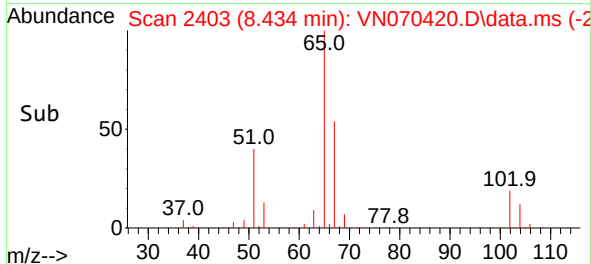
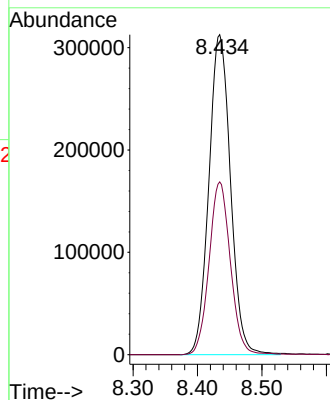
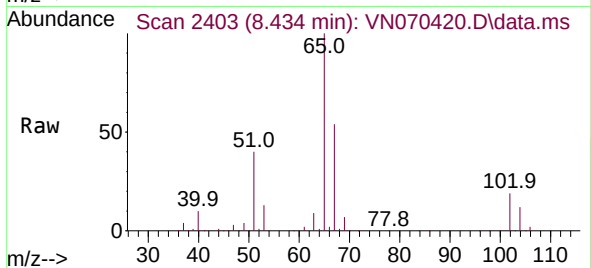
POST-EXCAVATION-BOTTOM-EASTME

Tgt Ion: 65 Resp: 729818

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070420.D

Acq: 31 Dec 2021 1:47

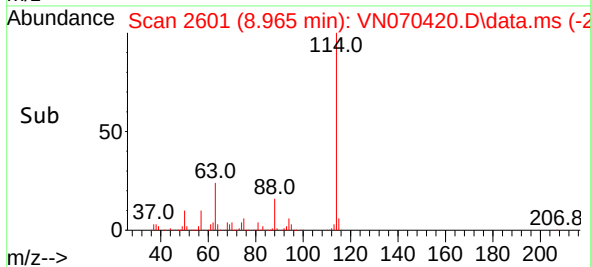
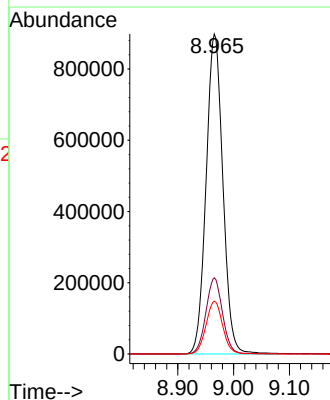
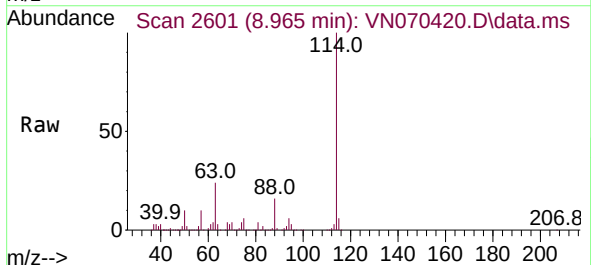
Tgt Ion: 114 Resp: 1875106

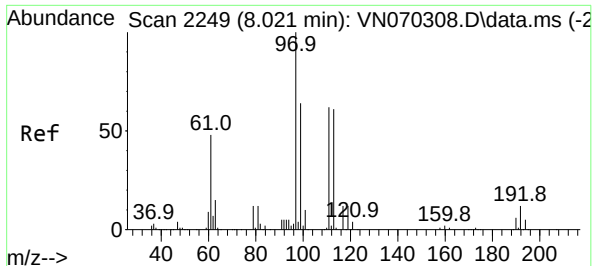
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.5 0.0 27.4

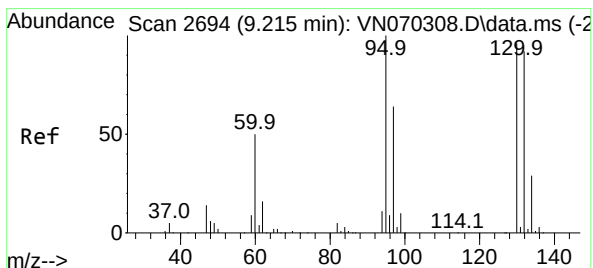
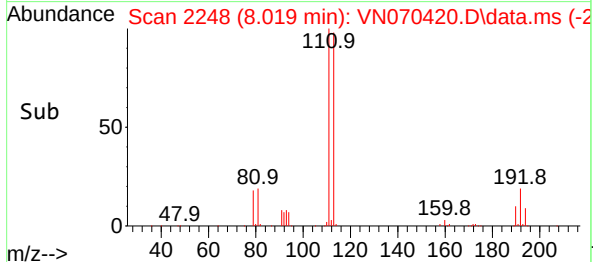
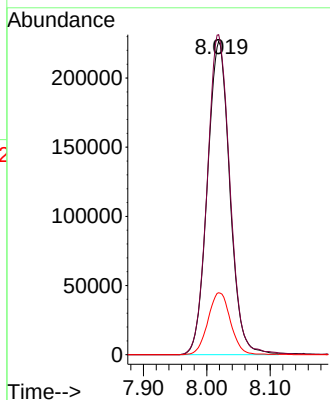
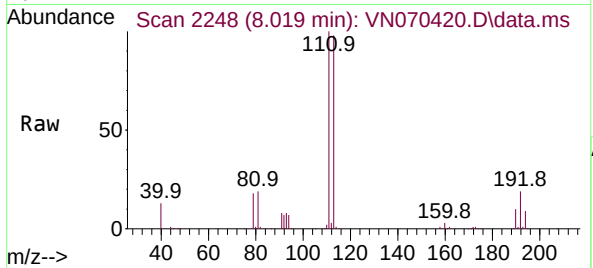




#35
Dibromofluoromethane
Concen: 49.108 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

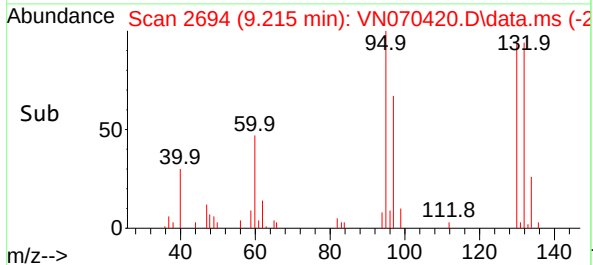
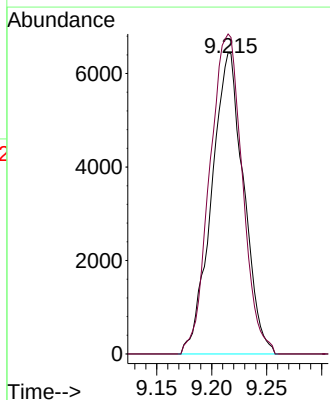
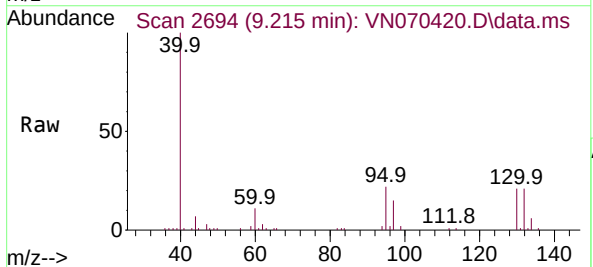
Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTME

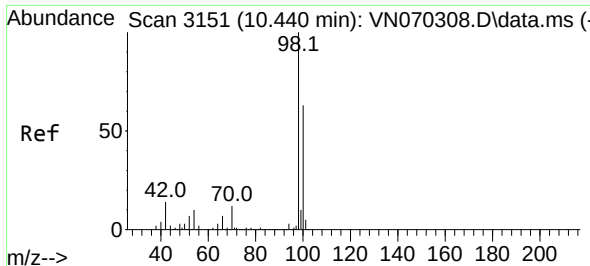
Tgt Ion:113 Resp: 557141
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.9 16.9 25.3



#44
Trichloroethene
Concen: 0.958 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

Tgt Ion:130 Resp: 13093
Ion Ratio Lower Upper
130 100
95 106.2 0.0 191.2

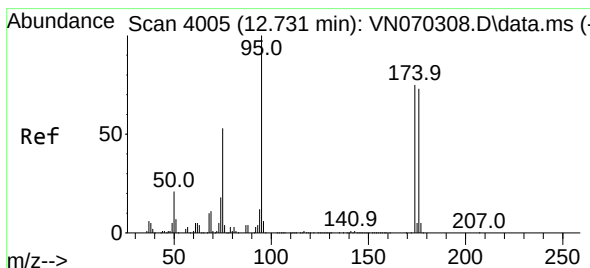
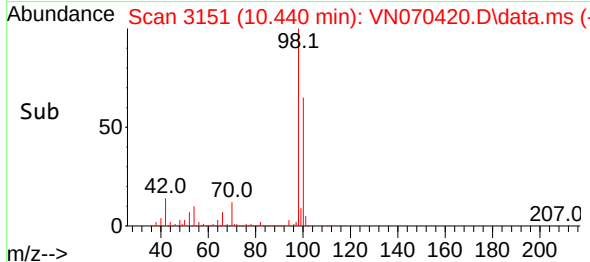
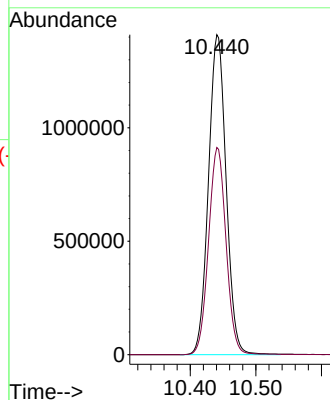
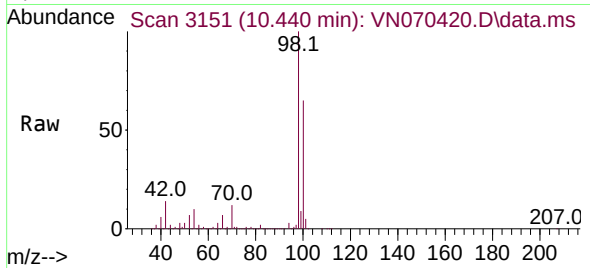




#50
Toluene-d8
Concen: 56.881 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

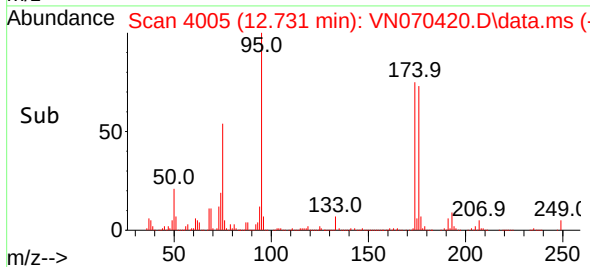
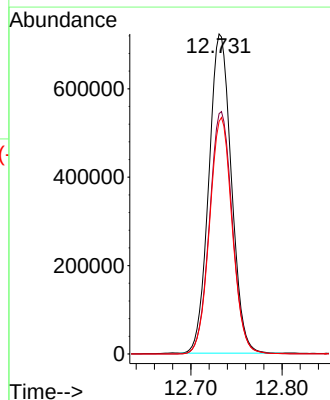
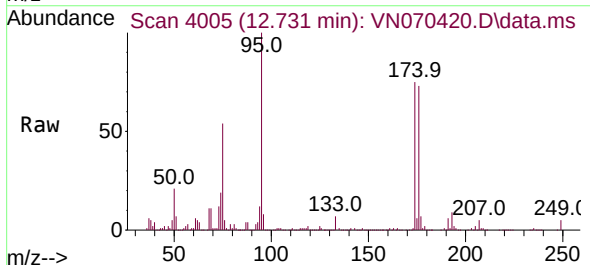
Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTME

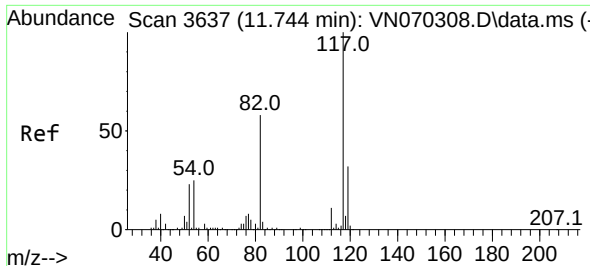
Tgt Ion: 98 Resp: 2636249
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 74.100 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

Tgt Ion: 95 Resp: 1240390
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.5 0.0 181.4

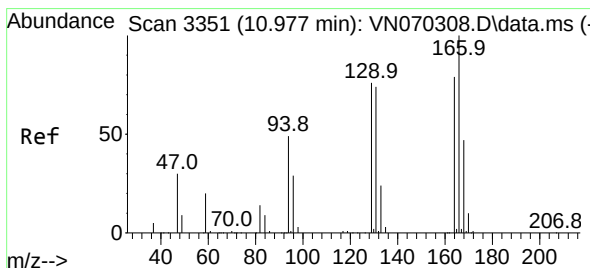
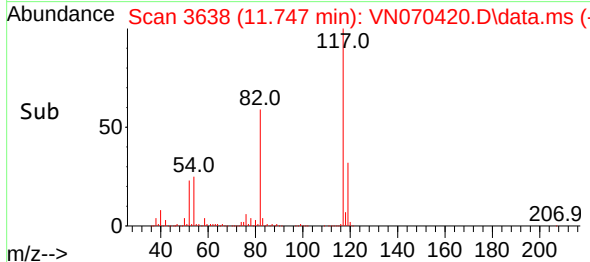
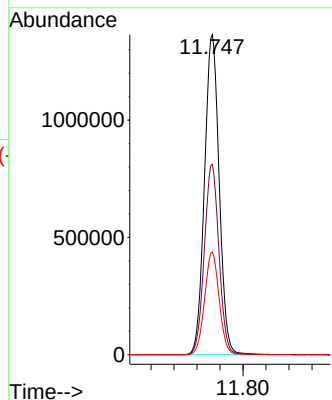
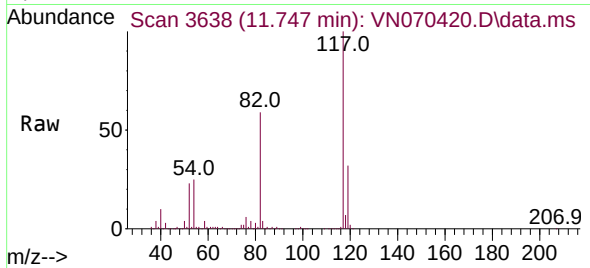




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

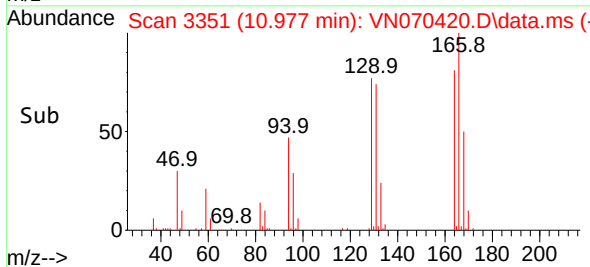
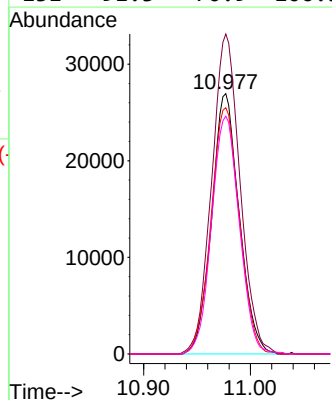
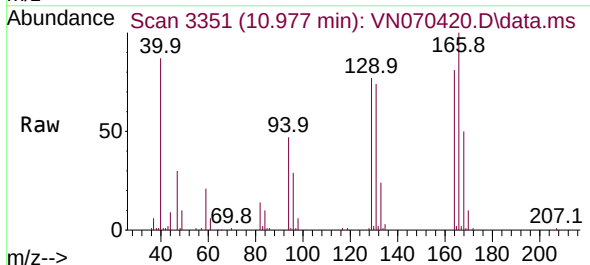
Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTME

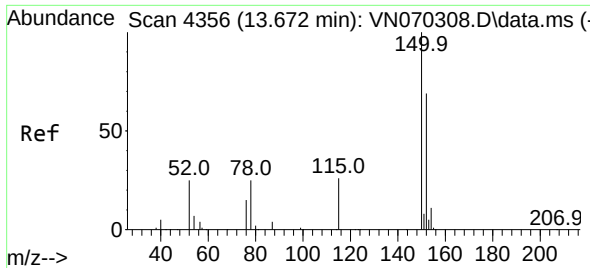
Tgt Ion:117 Resp: 2419848
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 2.749 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070420.D
Acq: 31 Dec 2021 1:47

Tgt Ion:164 Resp: 48176
Ion Ratio Lower Upper
164 100
166 122.9 101.9 152.9
129 94.6 72.0 108.0
131 91.3 70.9 106.3

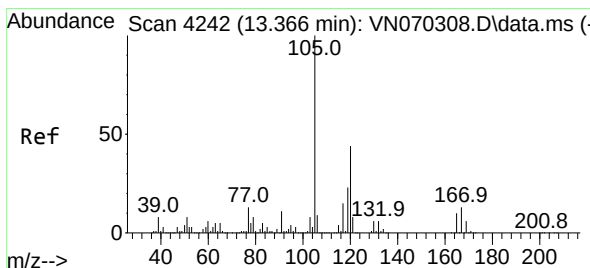
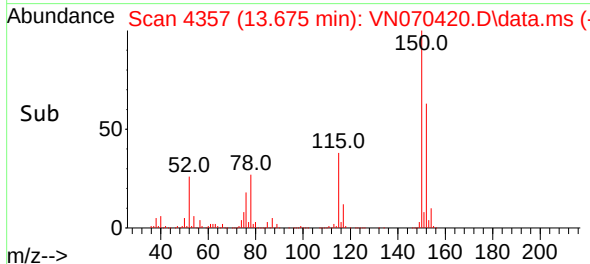
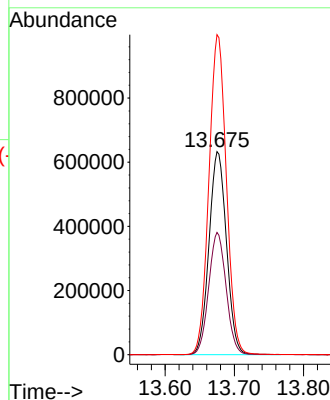
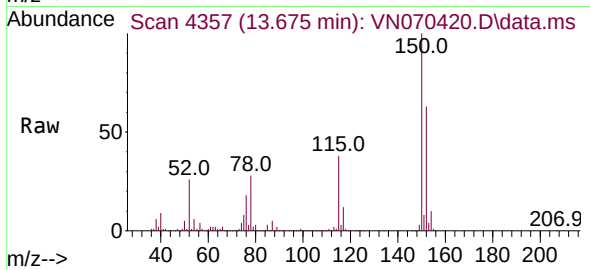




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070420.D
 Acq: 31 Dec 2021 1:47

Instrument :
 MSVOA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTME

Tgt Ion:152 Resp: 1109908
 Ion Ratio Lower Upper
 152 100
 115 59.8 27.5 82.5
 150 157.1 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.478 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. 0.001 min
 Lab File: VN070420.D
 Acq: 31 Dec 2021 1:47

Tgt Ion:105 Resp: 38047
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.8 68.4

