

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070271.D
 Acq On : 21 Dec 2021 16:43
 Operator : JC/MD
 Sample : M5165-01DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-INFLUENTDL

Quant Time: Jan 04 01:06:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

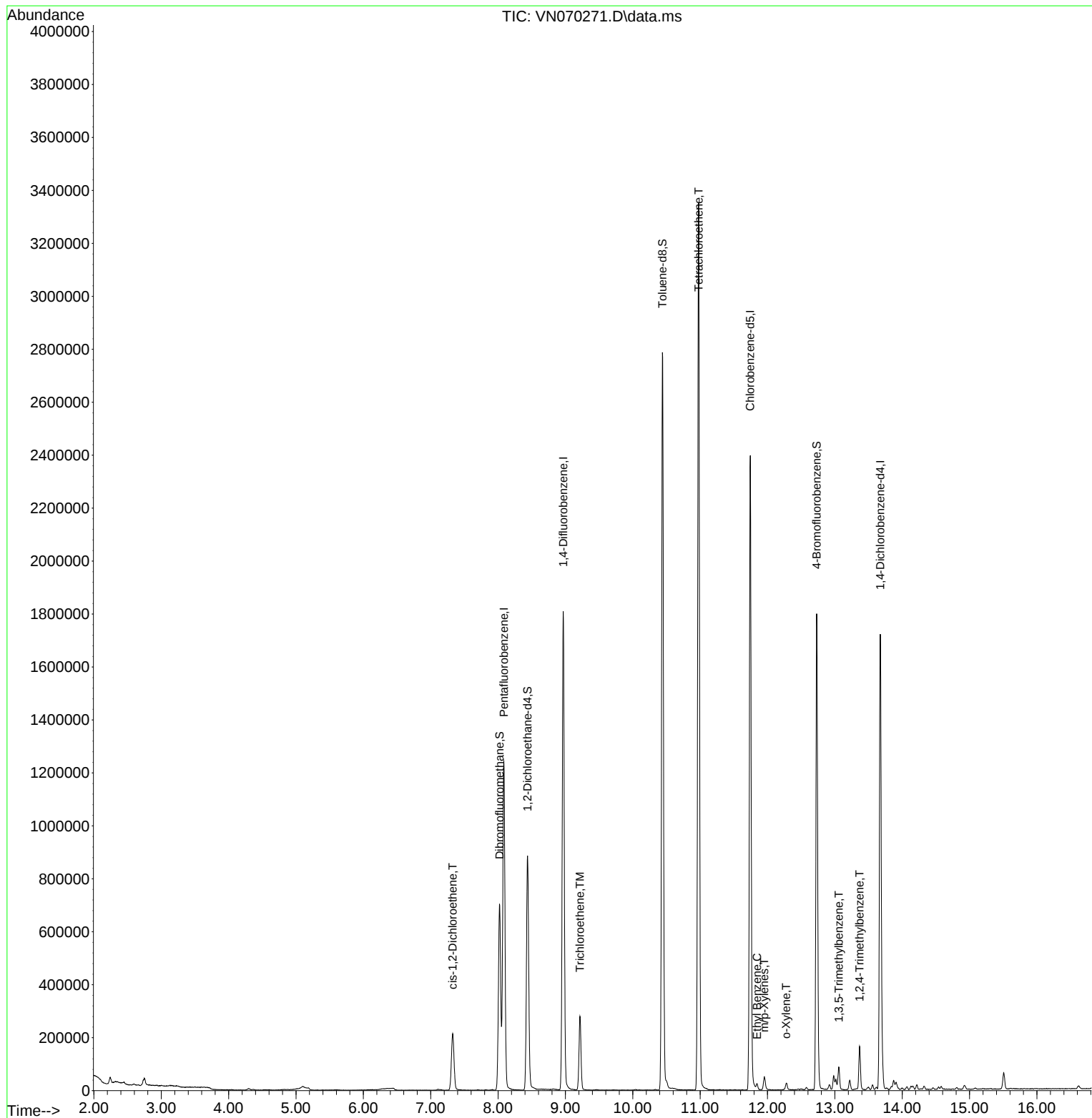
Internal Standards						
1) Pentafluorobenzene	8.086	168	937097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1550629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1353499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	469930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	772390	53.383	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	8.021	113	513010	52.818	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.640%	
50) Toluene-d8	10.440	98	1941005	49.769	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.731	95	639127	45.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.480%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.327	96	126274	10.780	ug/l	97
44) Trichloroethene	9.215	130	96304	8.942	ug/l	89
64) Tetrachloroethene	10.977	164	761676	82.993	ug/l	95
67) Ethyl Benzene	11.843	91	14575	0.292	ug/l	99
68) m/p-Xylenes	11.953	106	14333	0.789	ug/l	84
69) o-Xylene	12.278	106	6853	0.375	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	42149	1.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	94378	2.945	ug/l	96

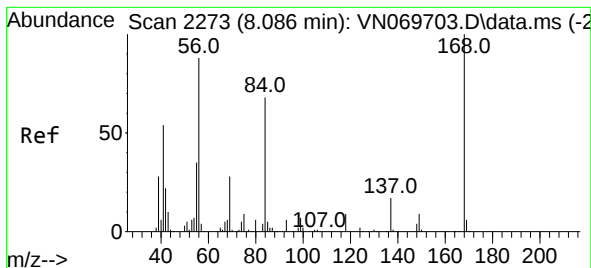
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EXCAVATION-INFLUENTDL

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

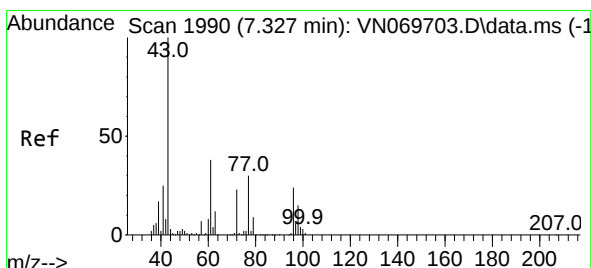
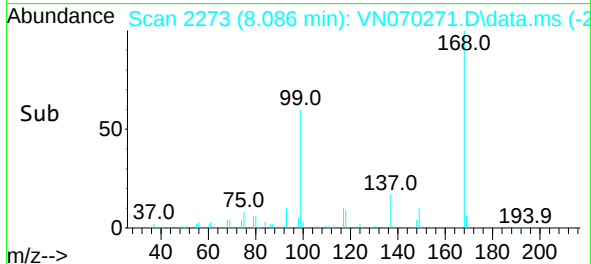
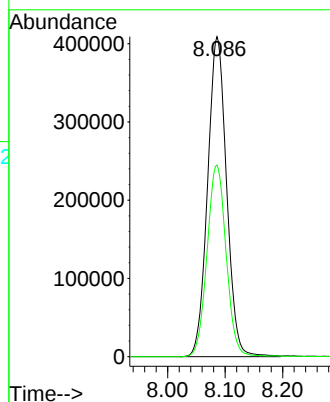
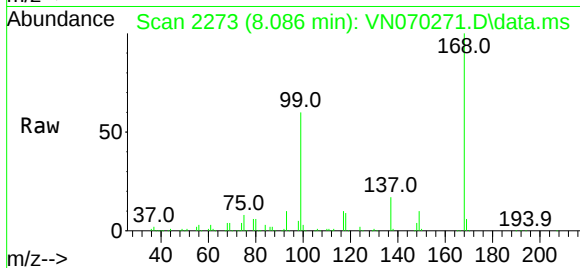
EXCAVATION-INFLUENTDL

Tgt Ion:168 Resp: 937097

Ion Ratio Lower Upper

168 100

99 59.9 41.3 61.9



#27

cis-1,2-Dichloroethene

Concen: 10.780 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

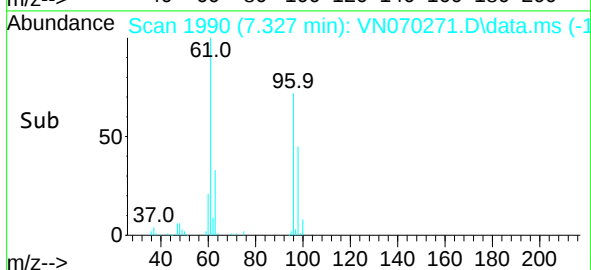
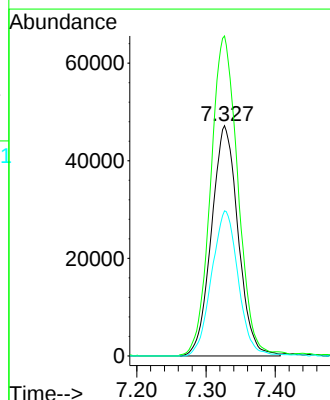
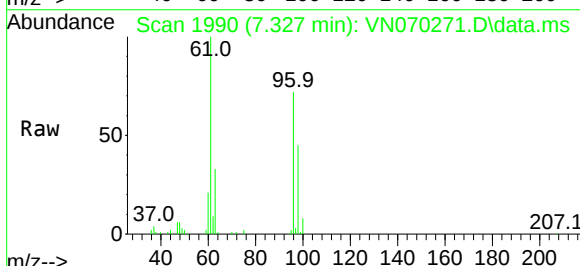
Tgt Ion: 96 Resp: 126274

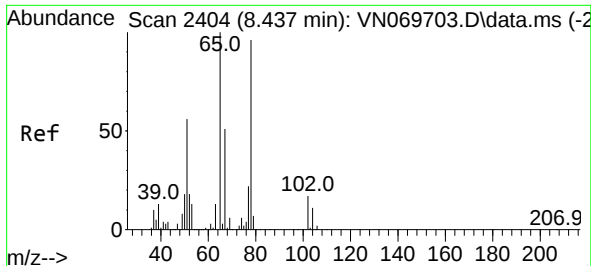
Ion Ratio Lower Upper

96 100

61 141.5 0.0 275.0

98 63.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 53.383 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

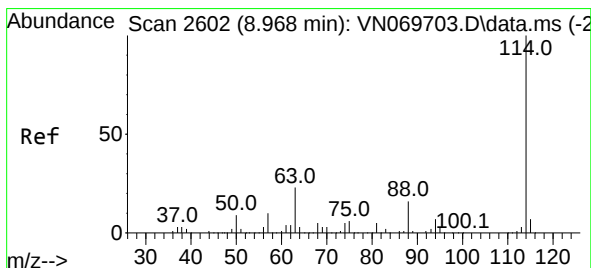
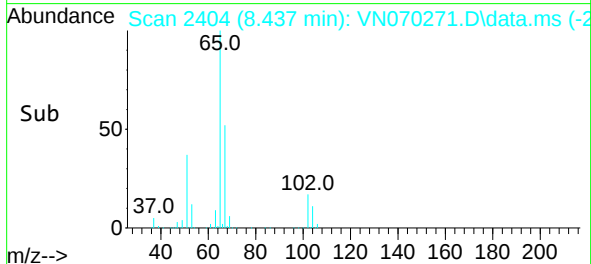
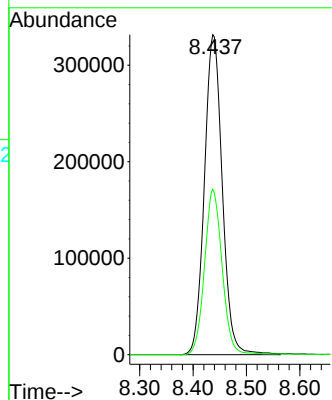
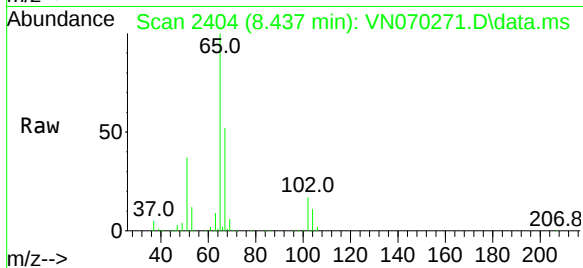
EXCAVATION-INFLUENTDL

Tgt Ion: 65 Resp: 772390

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

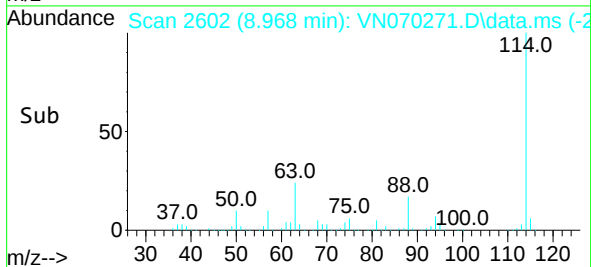
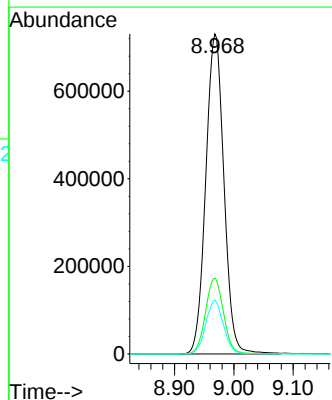
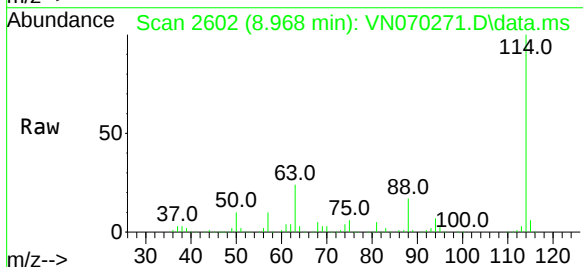
Tgt Ion: 114 Resp: 1550629

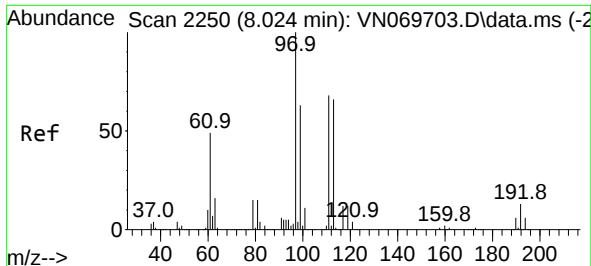
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.8 0.0 27.4

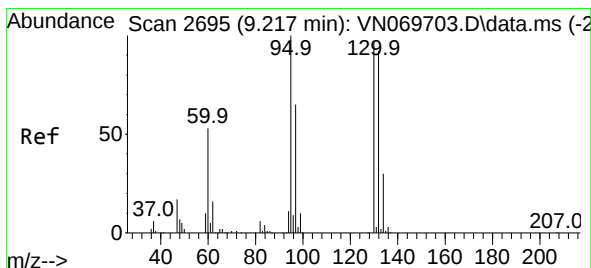
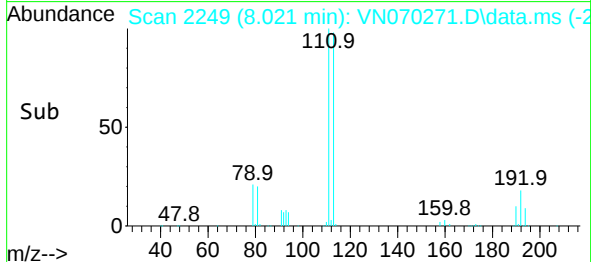
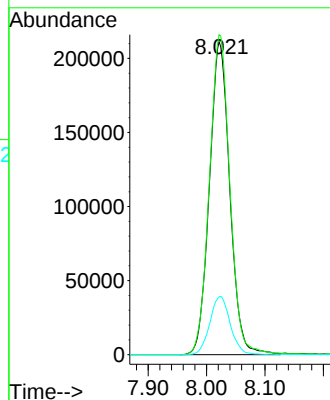
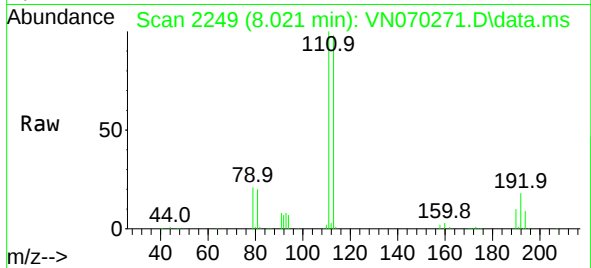




#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

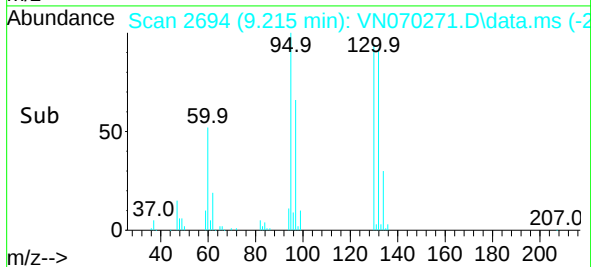
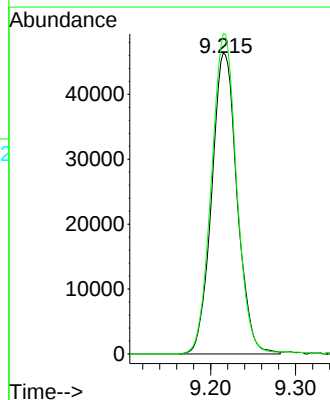
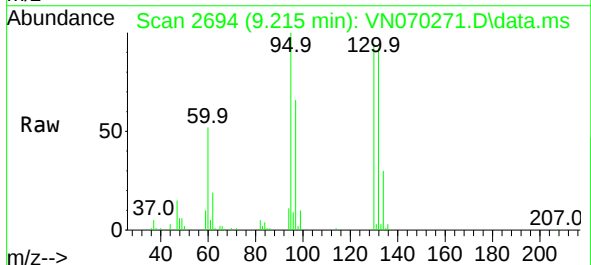
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MSVOA_N
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EXCAVATION-INFLUENTDL

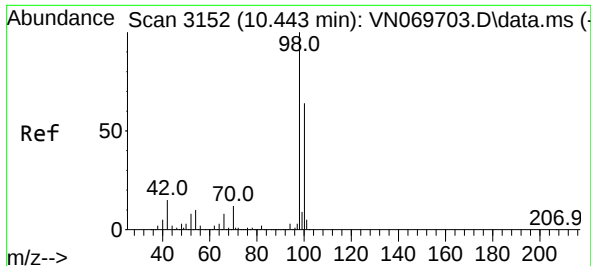
Tgt Ion:113 Resp: 513010
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.7 16.9 25.3



#44
Trichloroethene
Concen: 8.942 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion:130 Resp: 96304
Ion Ratio Lower Upper
130 100
95 106.3 0.0 191.2

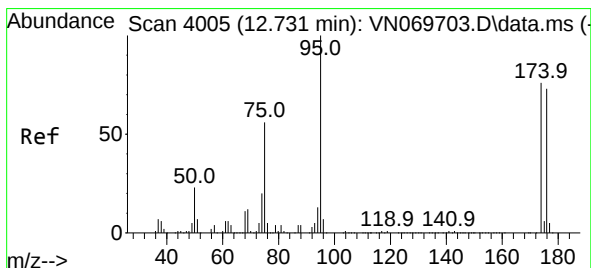
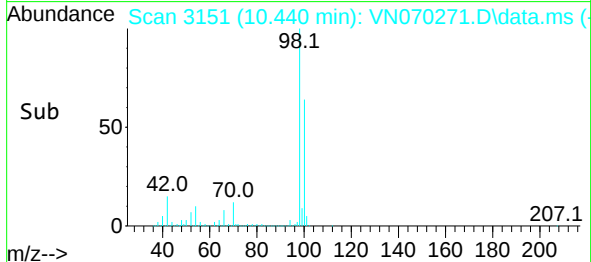
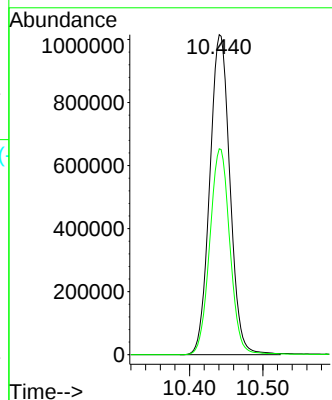
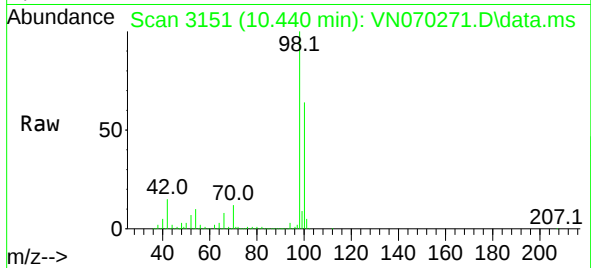




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

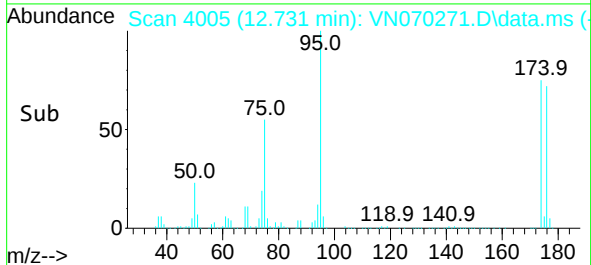
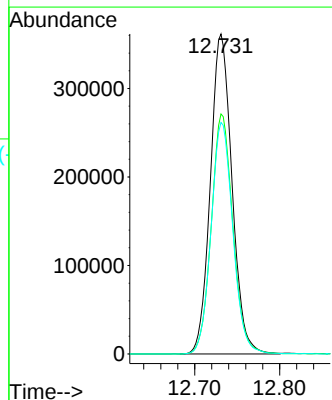
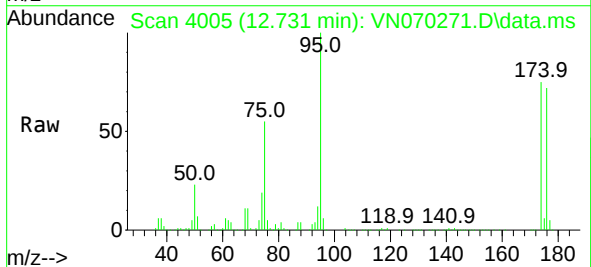
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-INFLUENTDL

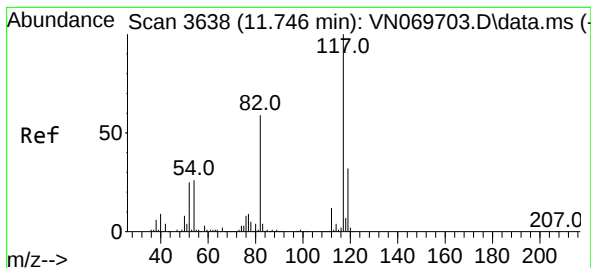
Tgt Ion: 98 Resp: 1941005
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 95 Resp: 639127
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN070271.D

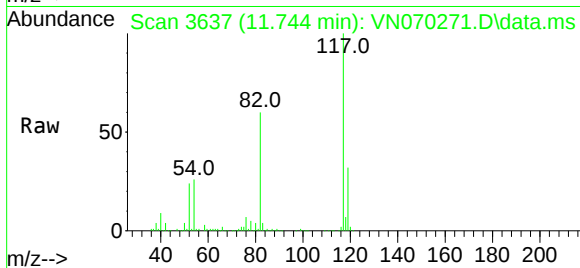
Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

EXCAVATION-INFLUENTDL



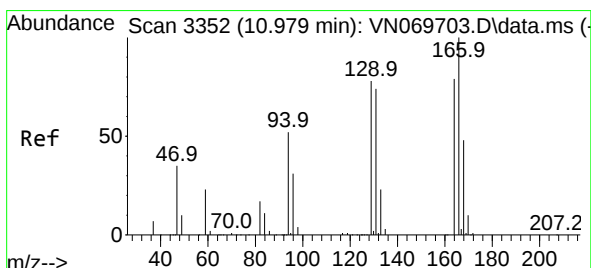
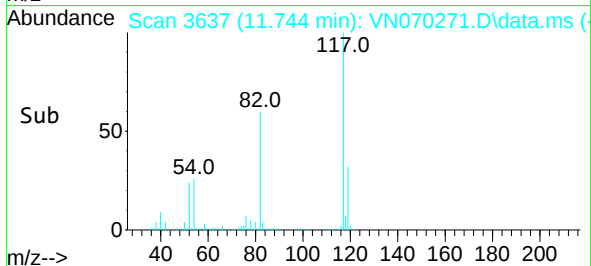
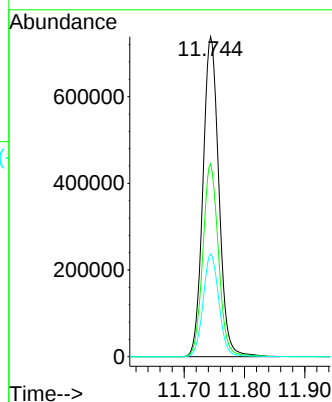
Tgt Ion:117 Resp: 1353499

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 82.993 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Tgt Ion:164 Resp: 761676

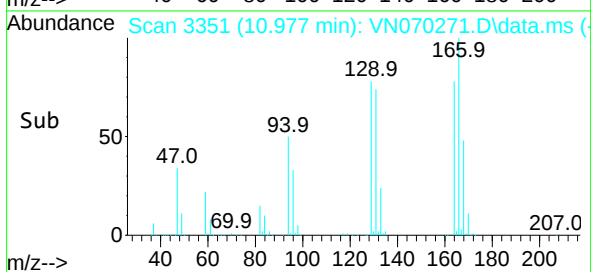
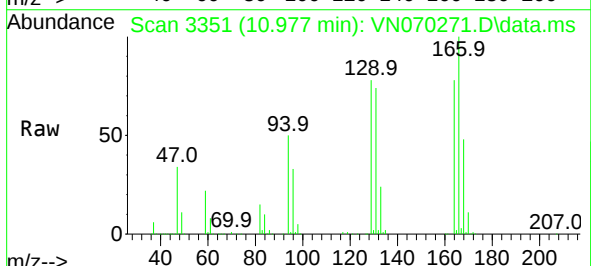
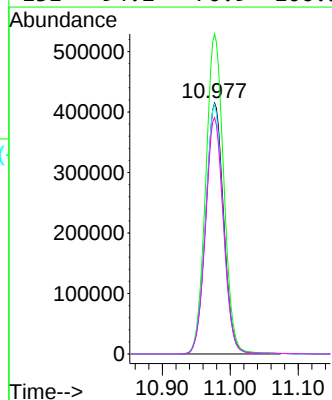
Ion Ratio Lower Upper

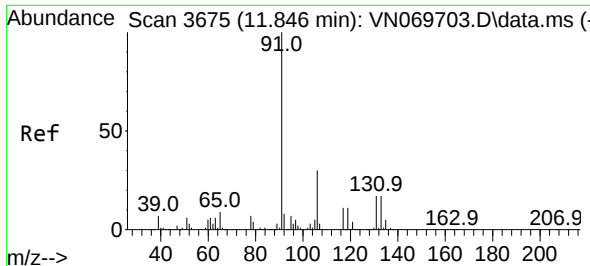
164 100

166 127.6 101.9 152.9

129 99.4 72.0 108.0

131 94.2 70.9 106.3

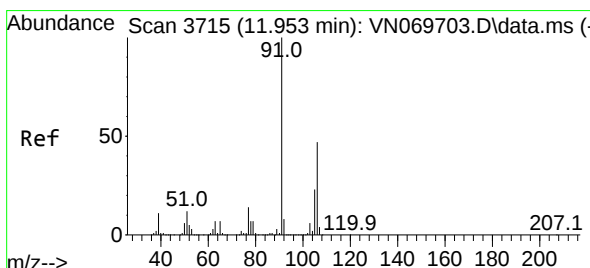
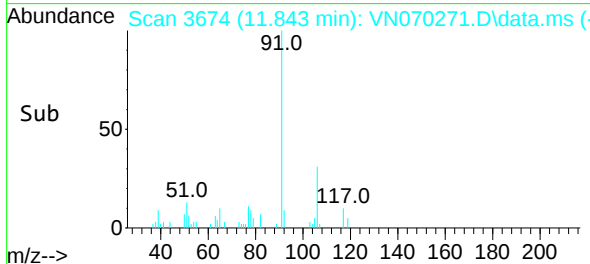
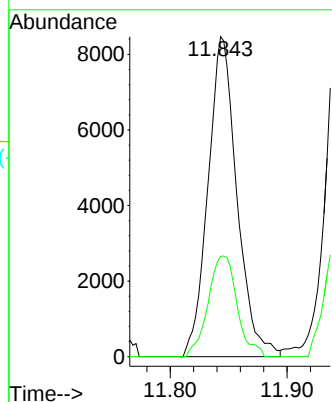
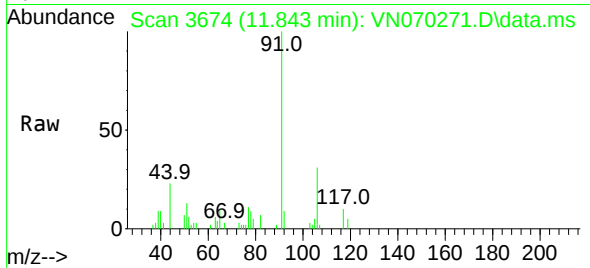




#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

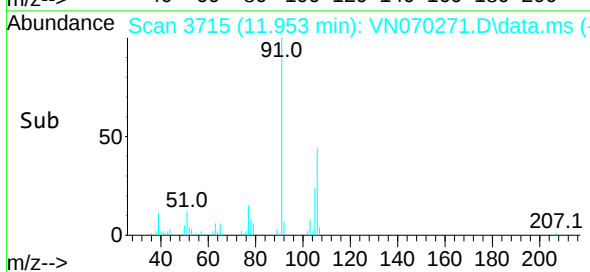
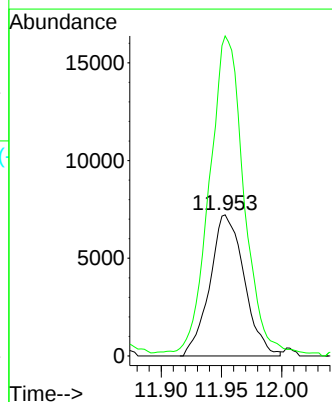
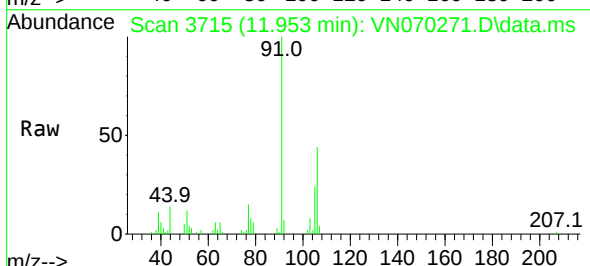
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EXCAVATION-INFLUENTDL

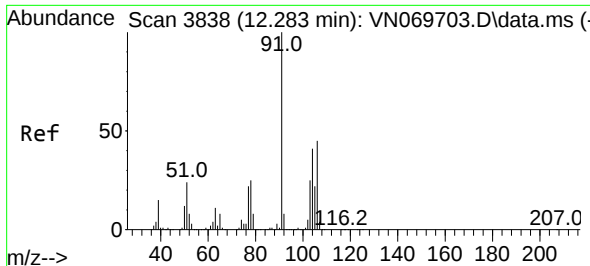
Tgt Ion: 91 Resp: 14575
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 0.789 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion:106 Resp: 14333
Ion Ratio Lower Upper
106 100
91 225.3 160.6 240.8

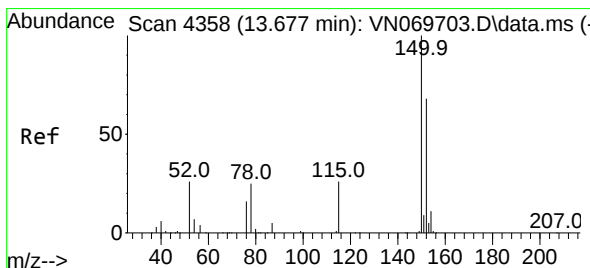
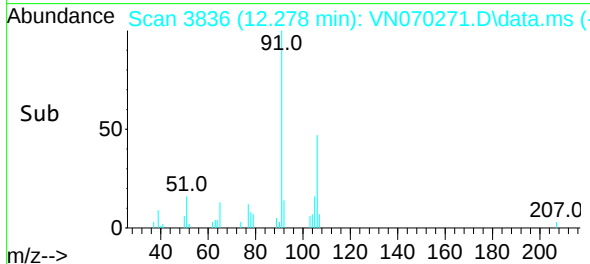
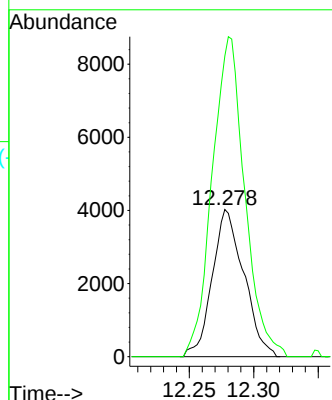
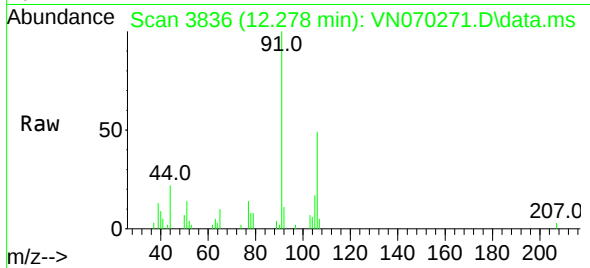




#69
o-Xylene
Concen: 0.375 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

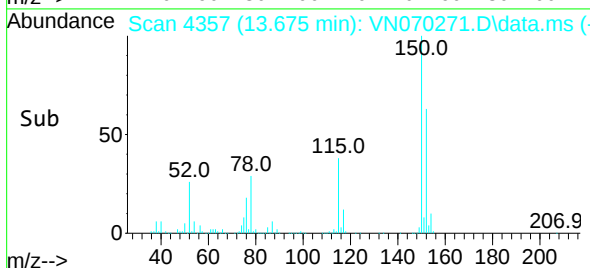
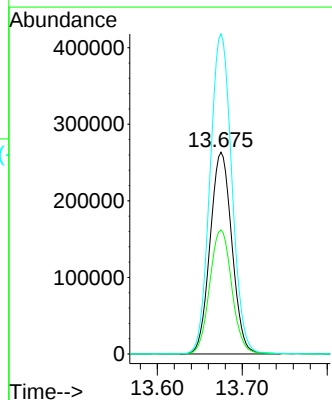
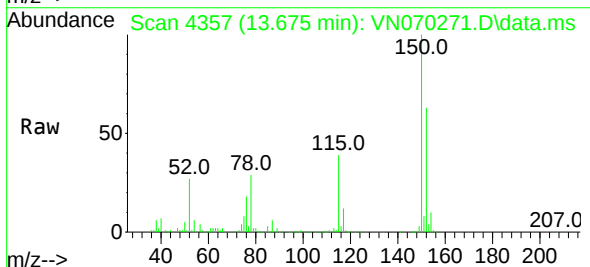
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-INFLUENTDL

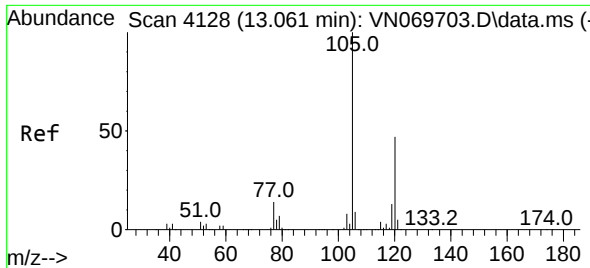
Tgt Ion:106 Resp: 6853
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion:152 Resp: 469930
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 158.9 0.0 344.4

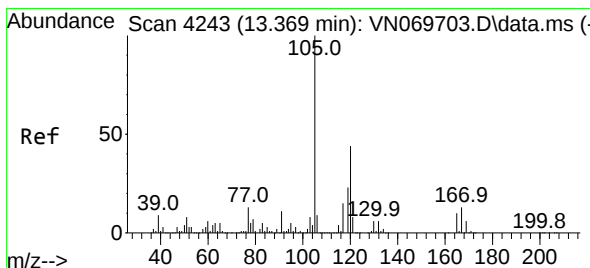
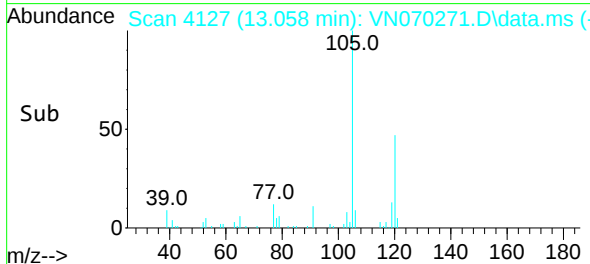
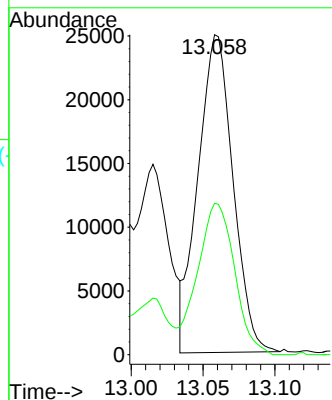
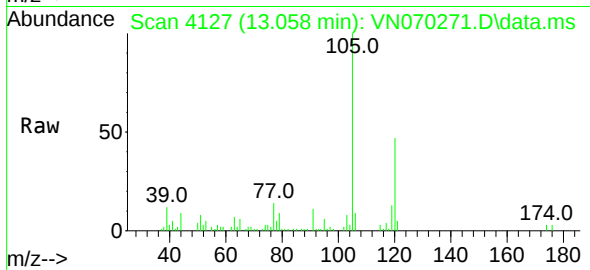




#80
 1,3,5-Trimethylbenzene
 Concen: 1.252 ug/l
 RT: 13.058 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-INFLUENTDL

Tgt Ion:105 Resp: 42149
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.6 73.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.945 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.003 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Tgt Ion:105 Resp: 94378
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.8 68.4

