

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070263.D
 Acq On : 21 Dec 2021 13:20
 Operator : JC/MD
 Sample : M5165-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-EFFLUENT

Quant Time: Dec 21 15:26:01 2021
 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)

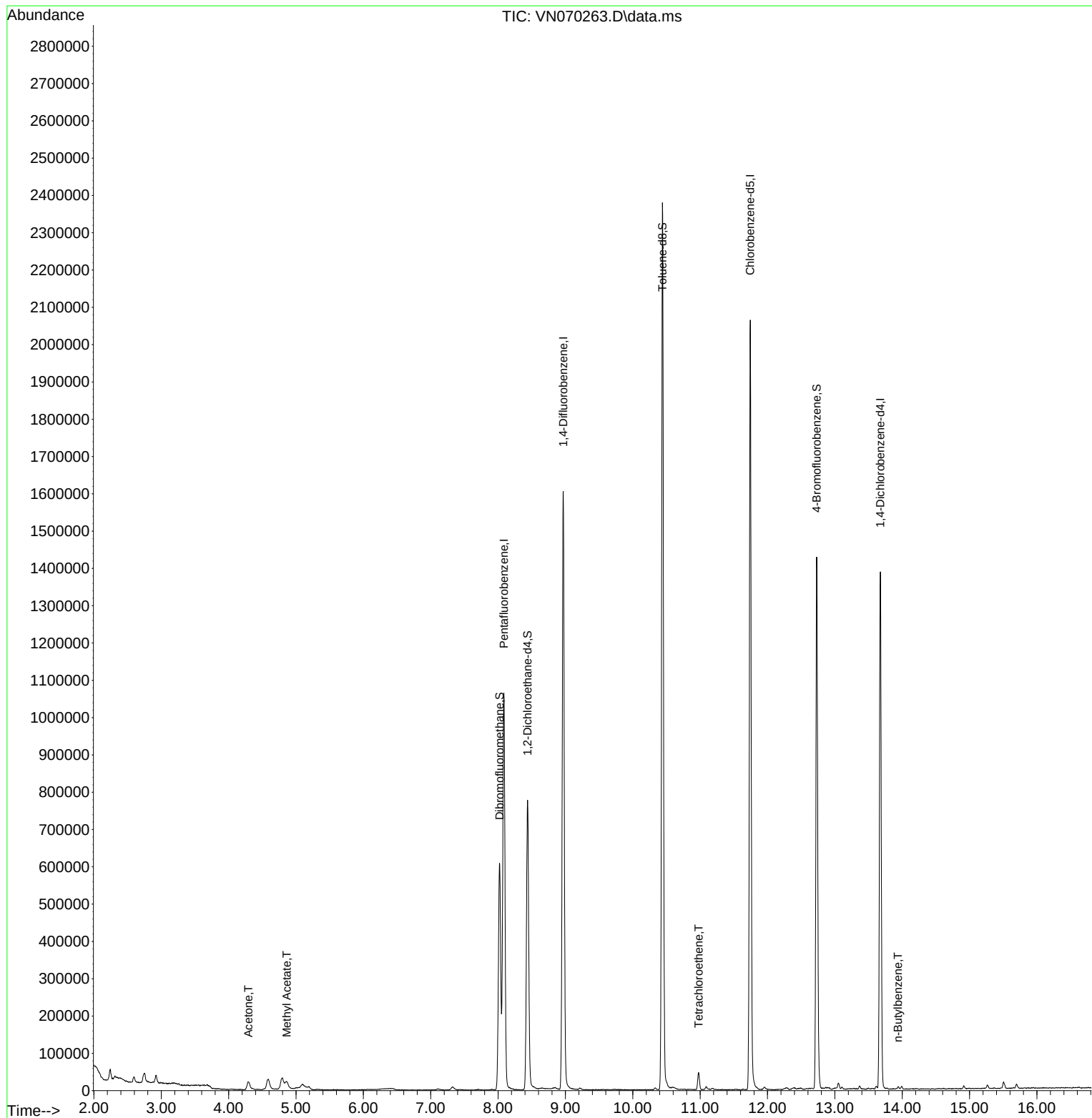
Internal Standards						
1) Pentafluorobenzene	8.086	168	802583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1363157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1159174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	378822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	677813	54.698	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.400%
35) Dibromofluoromethane	8.024	113	447928	52.460	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.920%
50) Toluene-d8	10.441	98	1633344	47.640	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.731	95	520195	41.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.760%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	39316	5.274	ug/l	92
18) Methyl Acetate	4.865	43	39415	1.752	ug/l	94
64) Tetrachloroethene	10.977	164	10608	1.350	ug/l	96
89) n-Butylbenzene	13.938	91	4412	0.214	ug/l	76

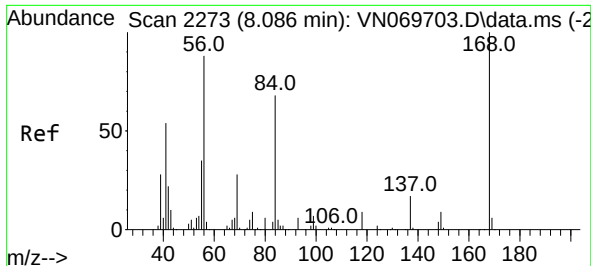
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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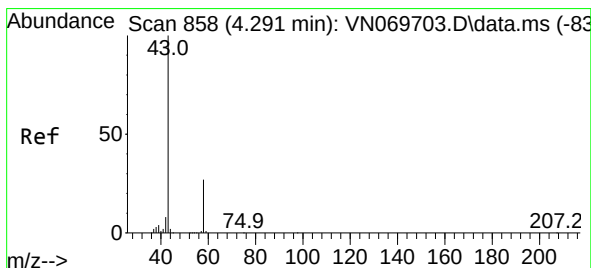
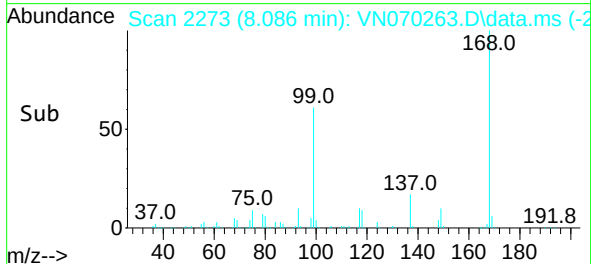
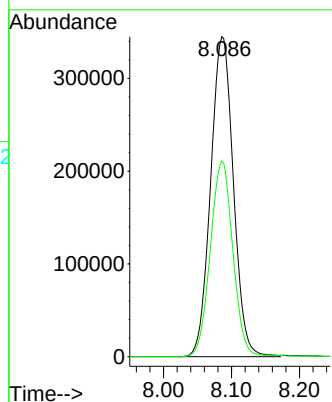
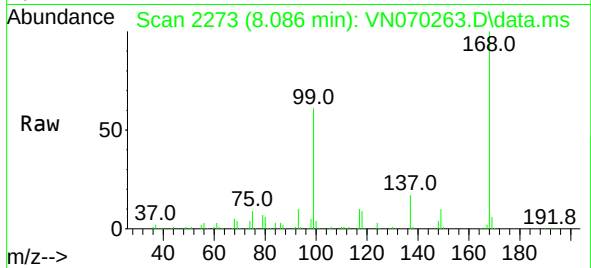




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

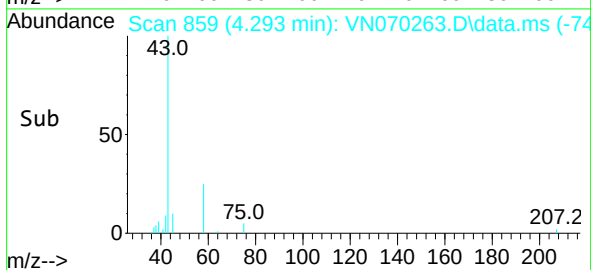
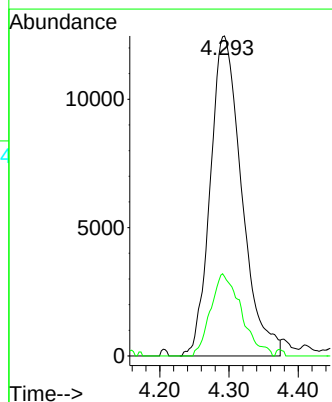
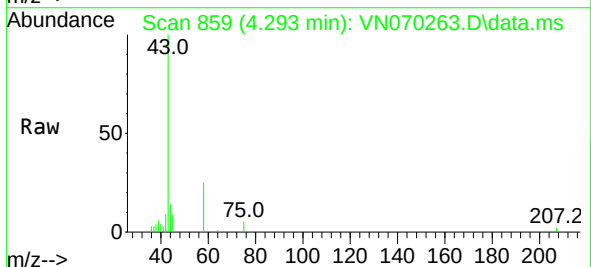
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-EFFLUENT

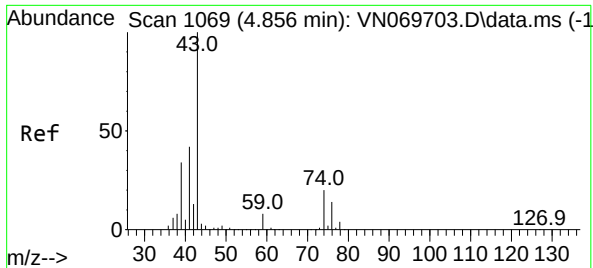
Tgt Ion:168 Resp: 802583
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#16
Acetone
Concen: 5.274 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

Tgt Ion: 43 Resp: 39316
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7

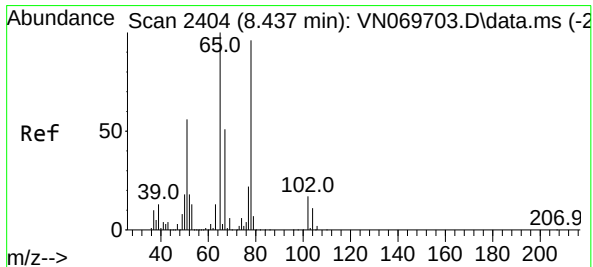
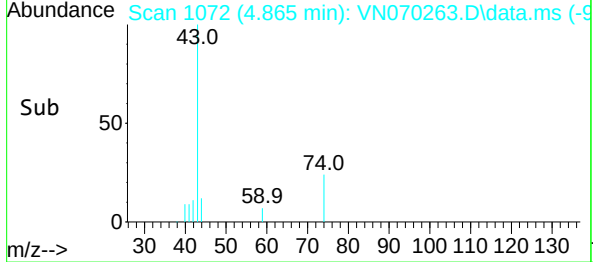
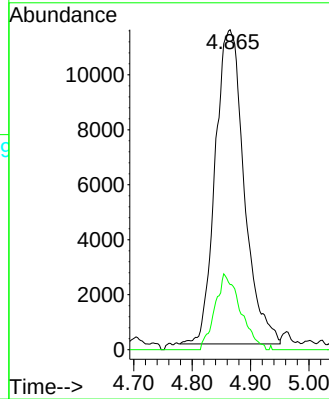
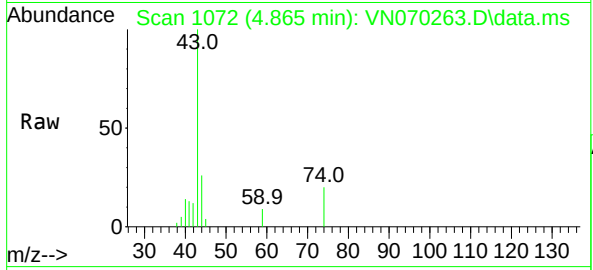




#18
Methyl Acetate
Concen: 1.752 ug/l
RT: 4.865 min Scan# 1069
Delta R.T. 0.008 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

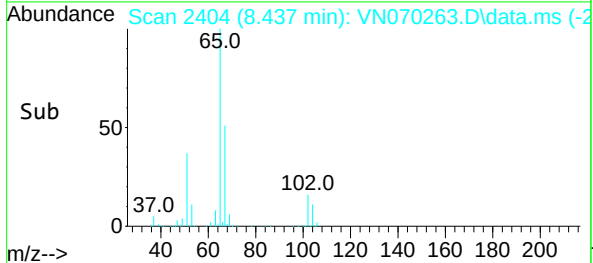
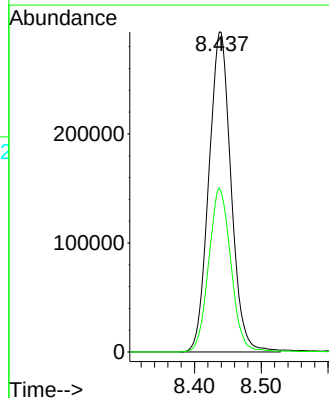
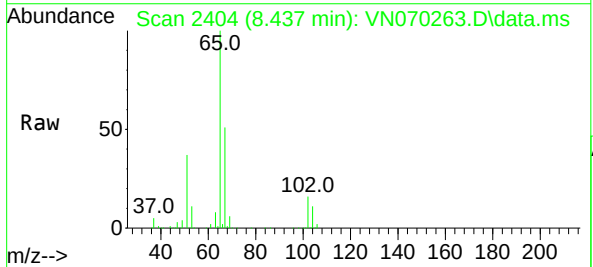
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-EFFLUENT

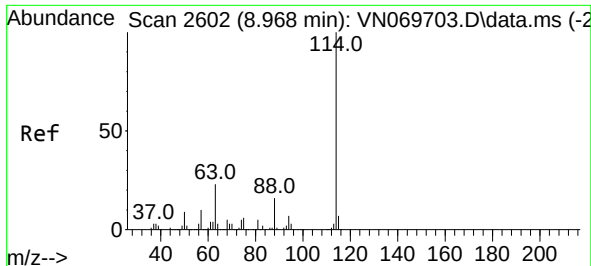
Tgt Ion: 43 Resp: 39415
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 54.698 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

Tgt Ion: 65 Resp: 677813
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

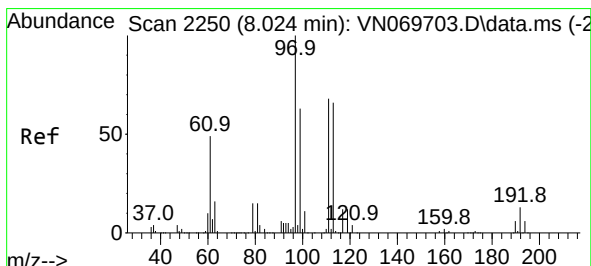
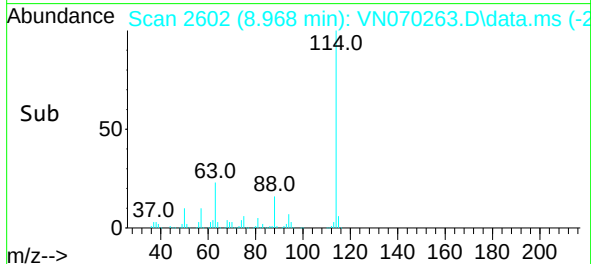
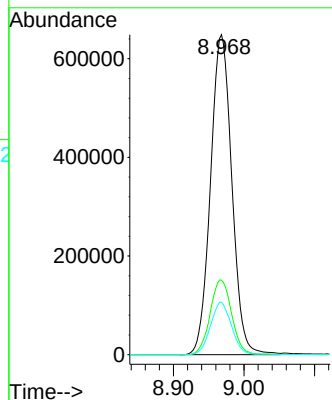
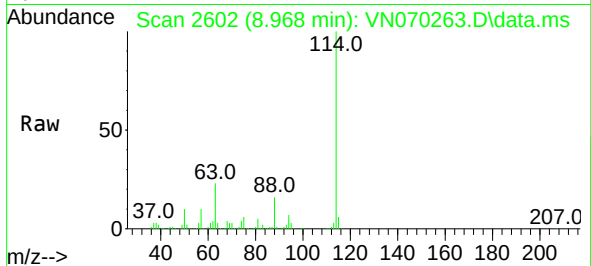




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

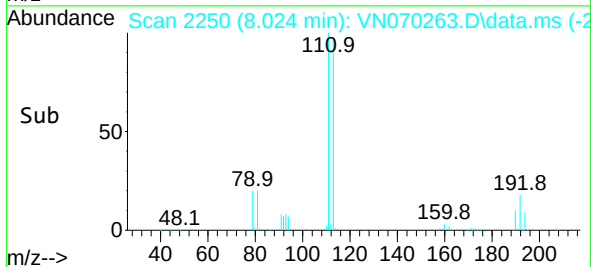
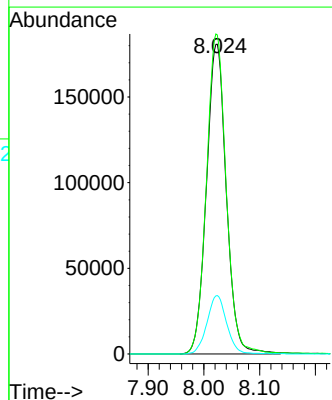
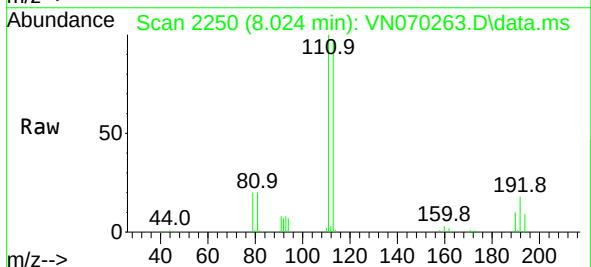
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-EFFLUENT

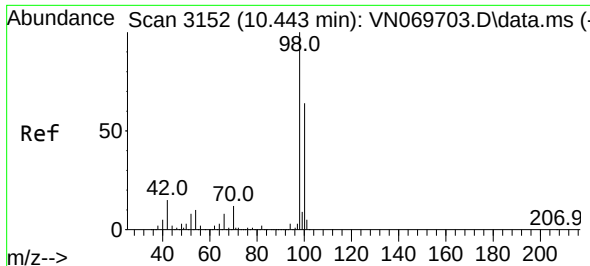
Tgt Ion:114 Resp: 1363157
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.460 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

Tgt Ion:113 Resp: 447928
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.6 16.9 25.3

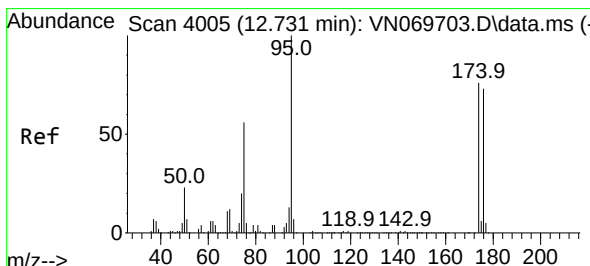
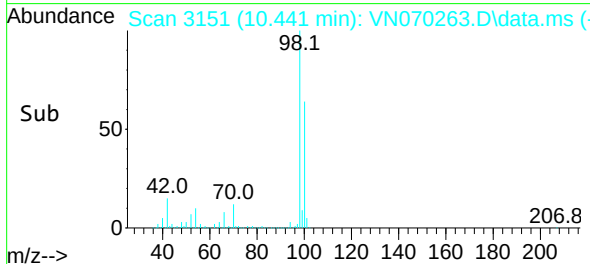
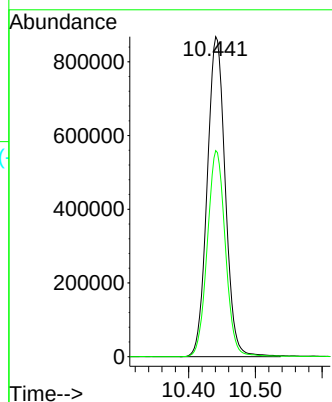
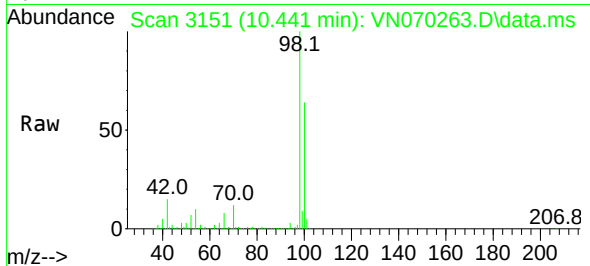




#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

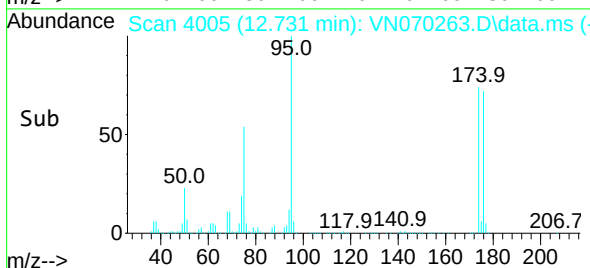
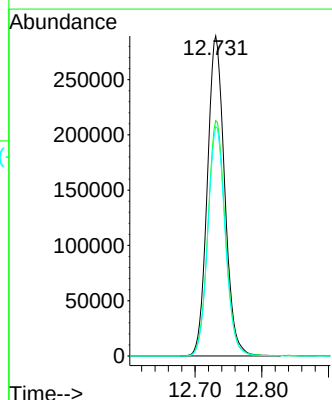
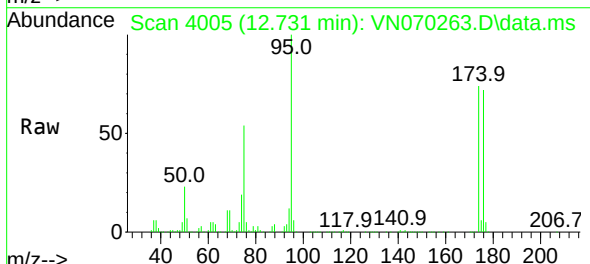
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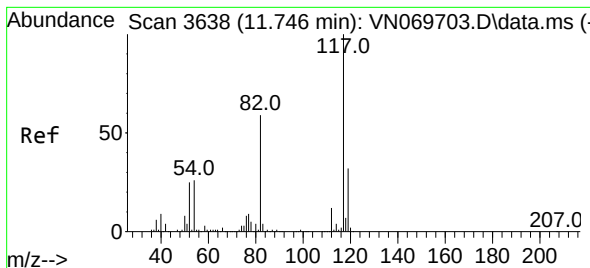
Tgt Ion: 98 Resp: 1633344
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.881 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070263.D
Acq: 21 Dec 2021 13:20

Tgt Ion: 95 Resp: 520195
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN070263.D

Acq: 21 Dec 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

EXCAVATION-EFFLUENT

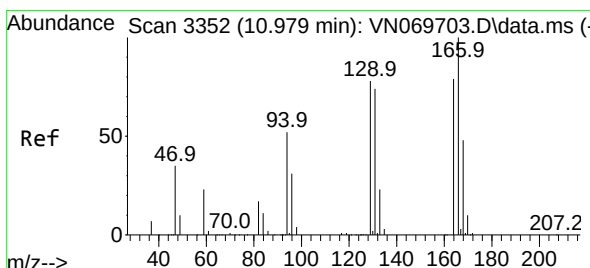
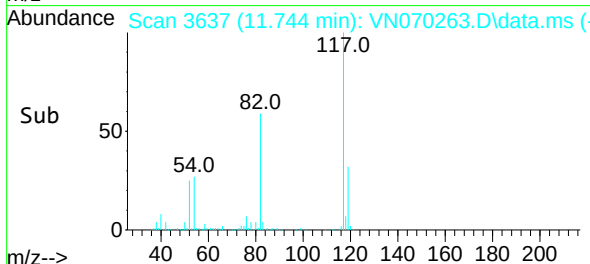
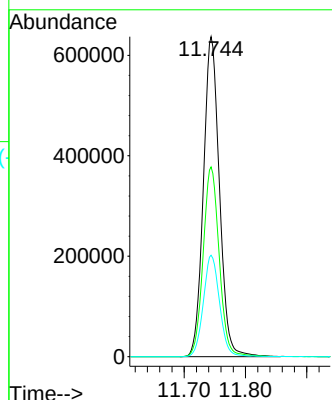
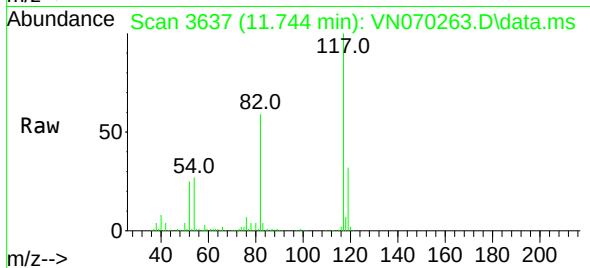
Tgt Ion:117 Resp: 1159174

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 1.350 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070263.D

Acq: 21 Dec 2021 13:20

Tgt Ion:164 Resp: 10608

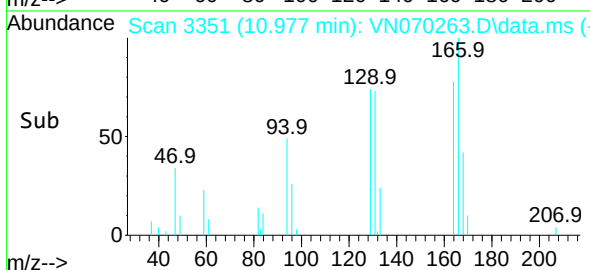
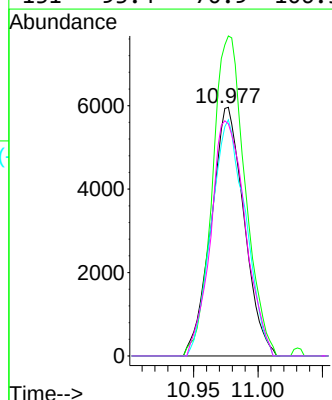
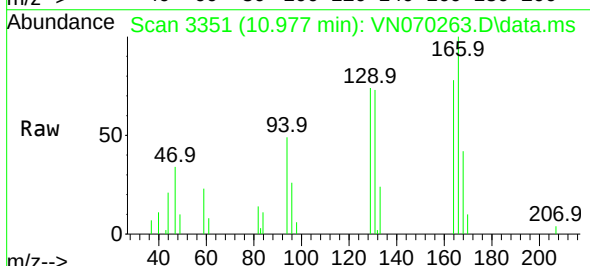
Ion Ratio Lower Upper

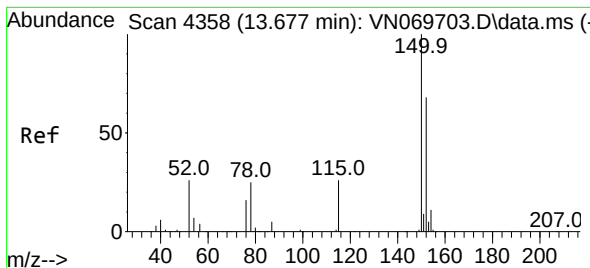
164 100

166 128.7 101.9 152.9

129 95.0 72.0 108.0

131 93.4 70.9 106.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN070263.D

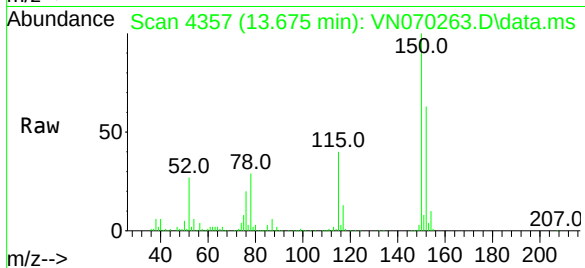
Acq: 21 Dec 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

EXCAVATION-EFFLUENT



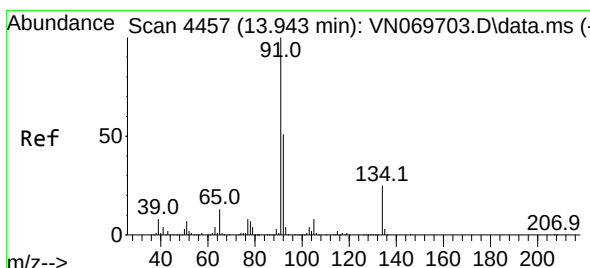
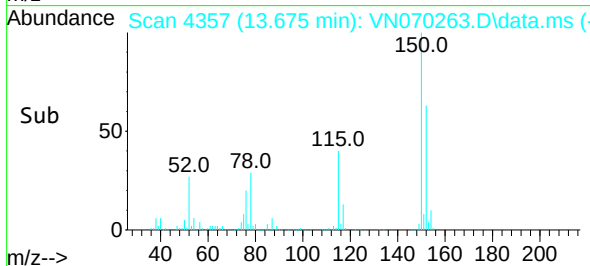
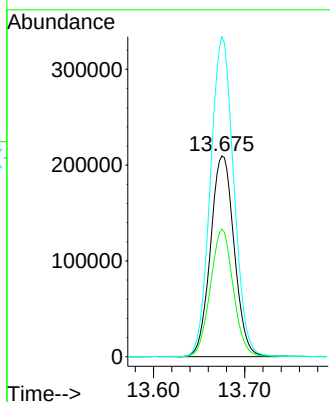
Tgt Ion:152 Resp: 378822

Ion Ratio Lower Upper

152 100

115 61.3 27.5 82.5

150 156.7 0.0 344.4



#89

n-Butylbenzene

Concen: 0.214 ug/l

RT: 13.938 min Scan# 4455

Delta R.T. -0.005 min

Lab File: VN070263.D

Acq: 21 Dec 2021 13:20

Tgt Ion: 91 Resp: 4412

Ion Ratio Lower Upper

91 100

92 27.9 25.4 76.0

134 30.9 13.6 40.8

