

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070421.D
 Acq On : 31 Dec 2021 2:12
 Operator : JC/MD
 Sample : M5179-05ME
 Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-1ME

Quant Time: Dec 31 06:34:36 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)

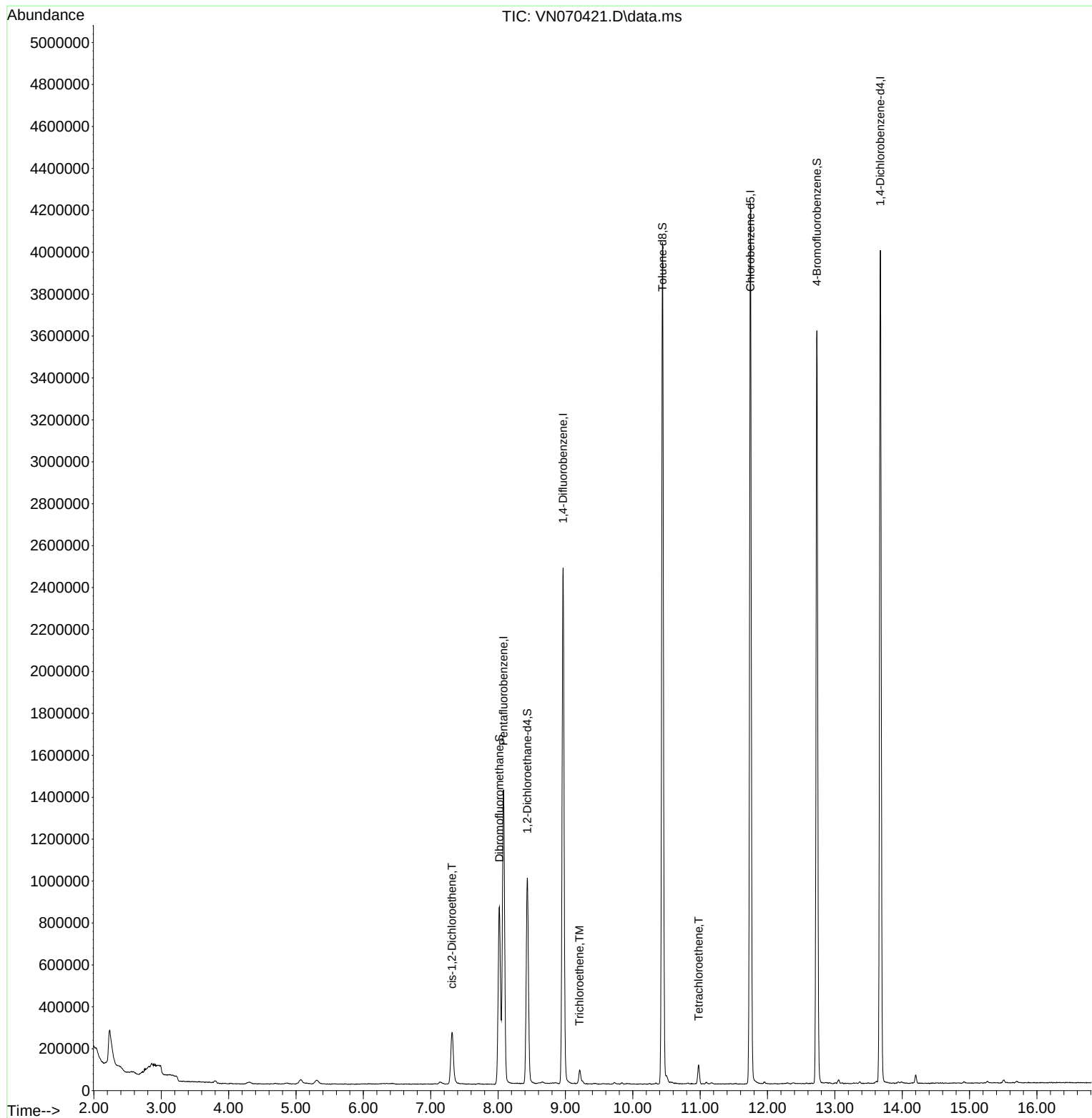
Internal Standards						
1) Pentafluorobenzene	8.080	168	1089311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2116873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2328775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1075182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	824123	52.619	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.240%	
35) Dibromofluoromethane	8.018	113	631061	49.270	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.540%	
50) Toluene-d8	10.440	98	2759984	52.749	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.733	95	1208347	63.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.880%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.313	96	144650	10.320	ug/l	97
44) Trichloroethene	9.209	130	23297	1.509	ug/l	85
64) Tetrachloroethene	10.977	164	20301	1.204	ug/l	97

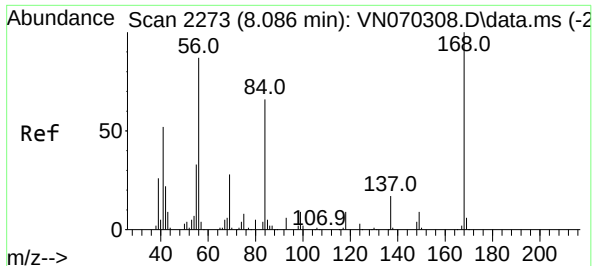
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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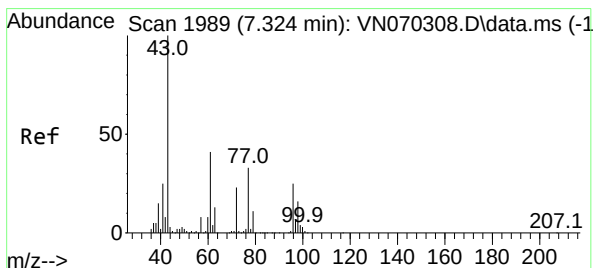
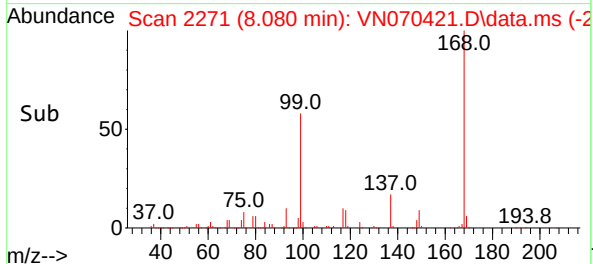
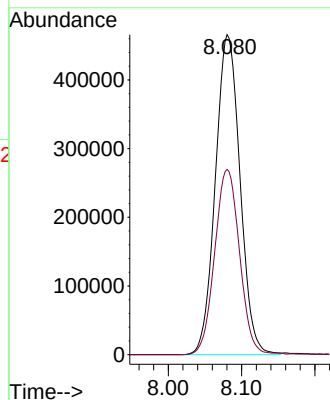
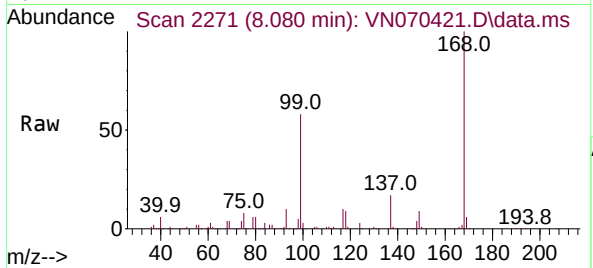




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

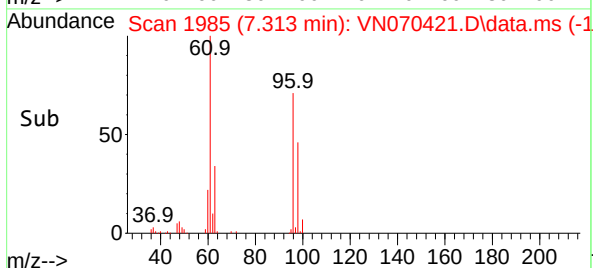
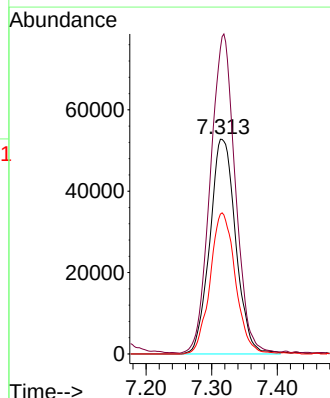
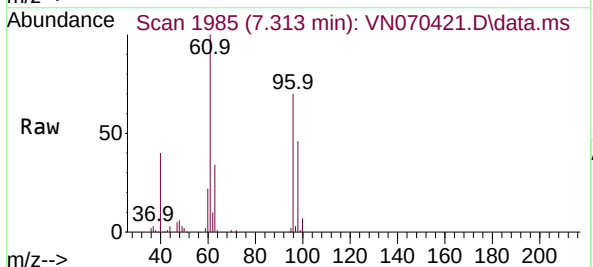
Instrument :
MSVOA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-1ME

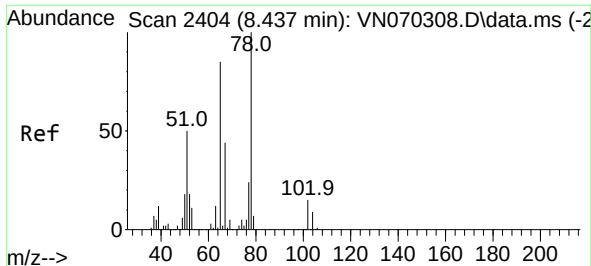
Tgt Ion:168 Resp: 1089311
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#27
cis-1,2-Dichloroethene
Concen: 10.320 ug/l
RT: 7.313 min Scan# 1985
Delta R.T. -0.011 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

Tgt Ion: 96 Resp: 144650
Ion Ratio Lower Upper
96 100
61 143.0 0.0 275.0
98 64.2 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 52.619 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070421.D

Acq: 31 Dec 2021 2:12

Instrument :

MSVOA_N

ClientSampleId :

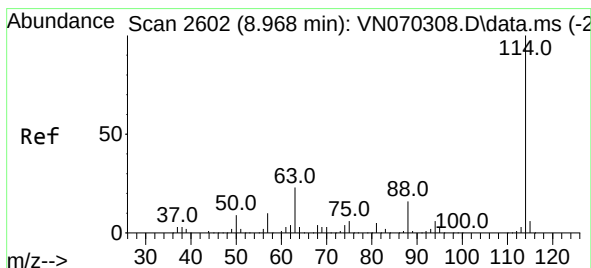
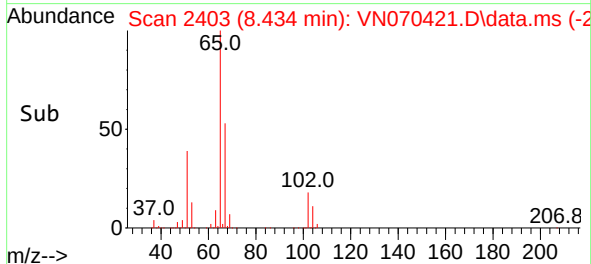
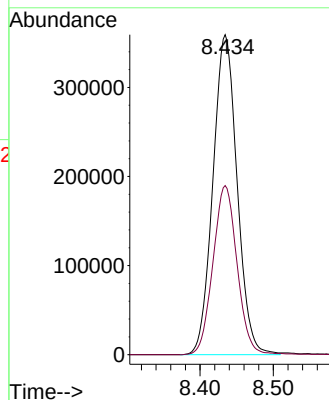
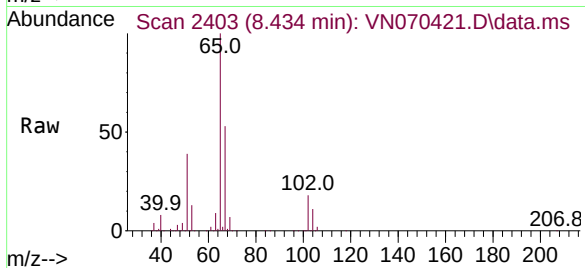
POST-EXCAVATION-BOTTOM-1ME

Tgt Ion: 65 Resp: 824123

Ion Ratio Lower Upper

65 100

67 52.7 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: VN070421.D

Acq: 31 Dec 2021 2:12

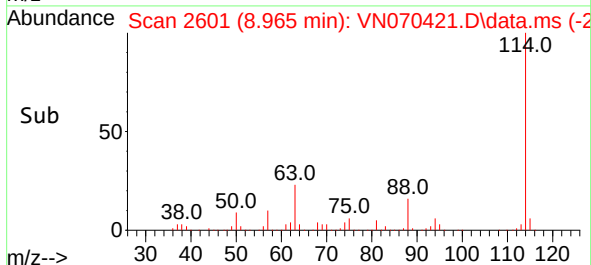
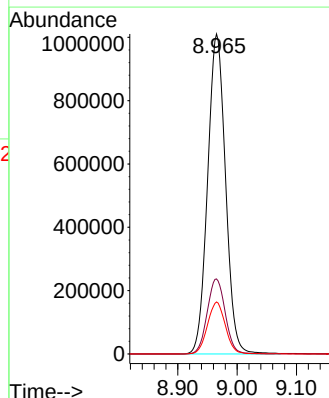
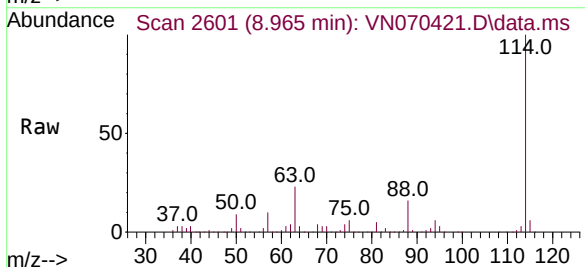
Tgt Ion: 114 Resp: 2116873

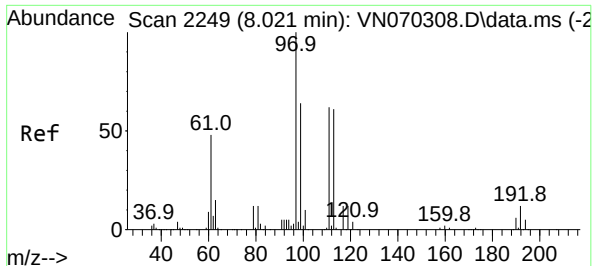
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.3 0.0 27.4

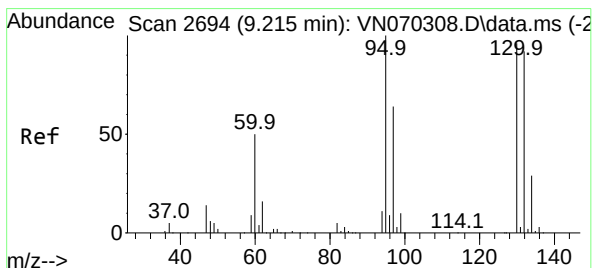
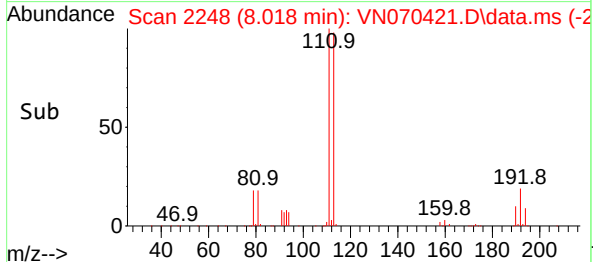
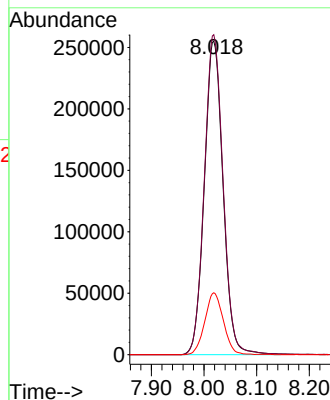
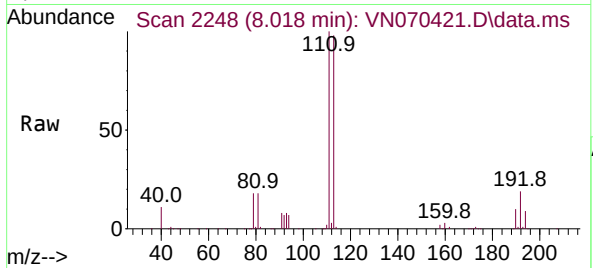




#35
Dibromofluoromethane
Concen: 49.270 ug/l
RT: 8.018 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

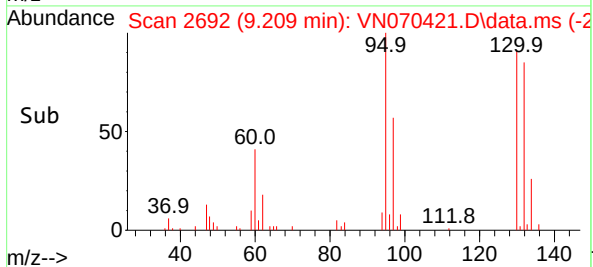
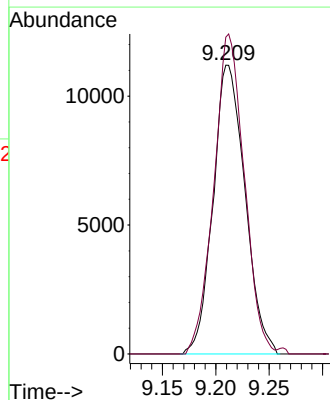
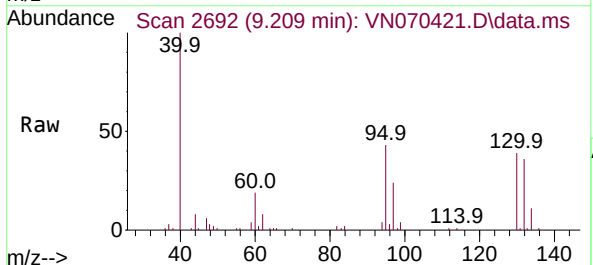
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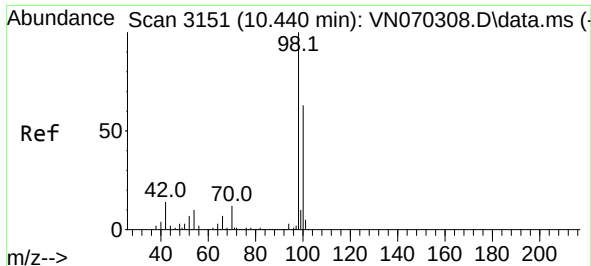
Tgt Ion:113 Resp: 631061
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.6 16.9 25.3



#44
Trichloroethene
Concen: 1.509 ug/l
RT: 9.209 min Scan# 2692
Delta R.T. -0.006 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

Tgt Ion:130 Resp: 23297
Ion Ratio Lower Upper
130 100
95 109.8 0.0 191.2

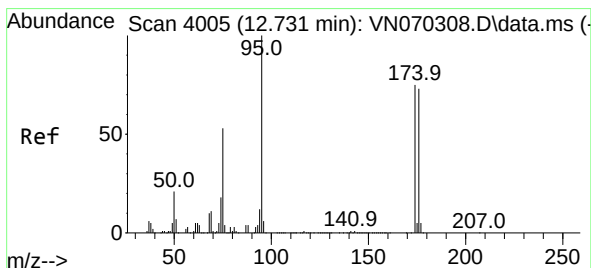
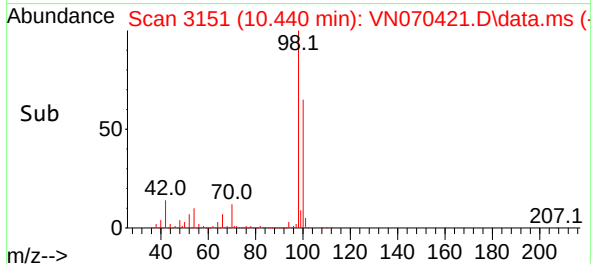
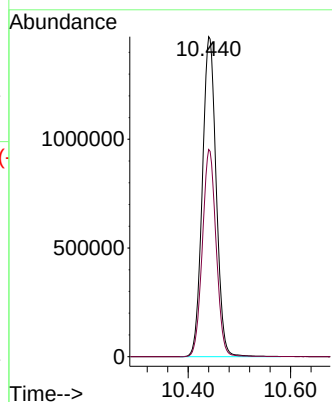
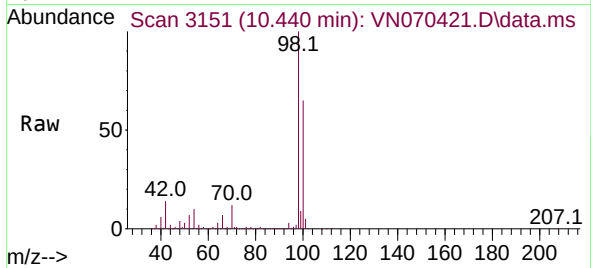




#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

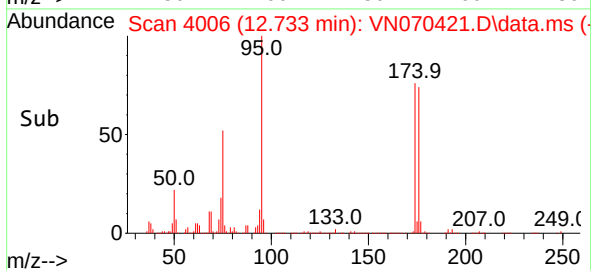
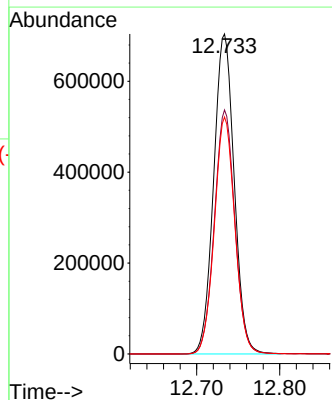
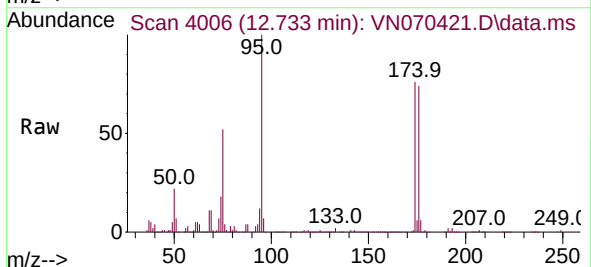
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POST-EXCAVATION-BOTTOM-1ME

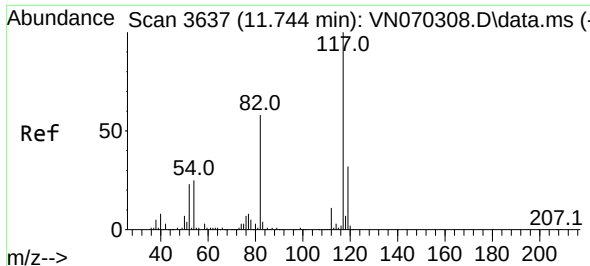
Tgt Ion: 98 Resp: 2759984
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 63.941 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

Tgt Ion: 95 Resp: 1208347
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 74.0 0.0 181.4

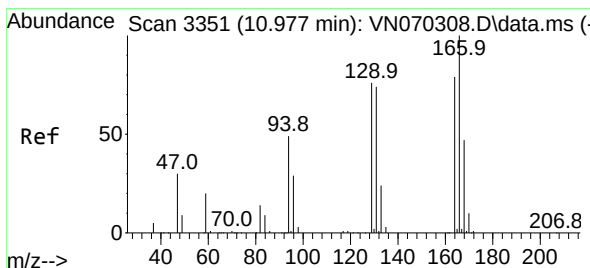
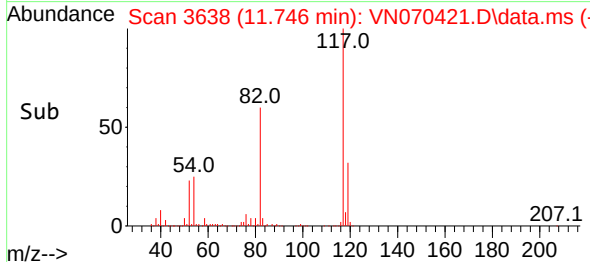
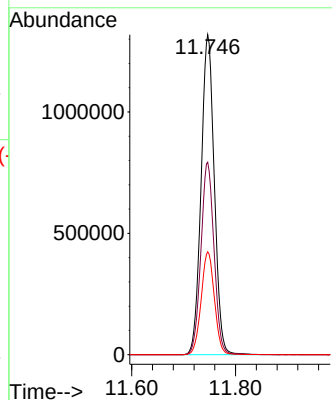
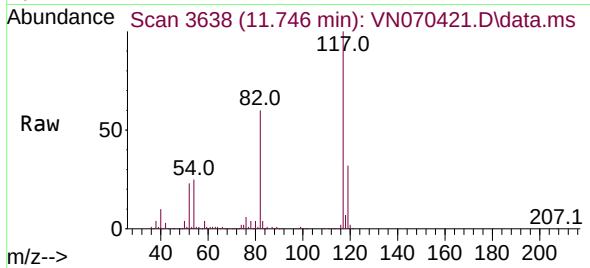




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

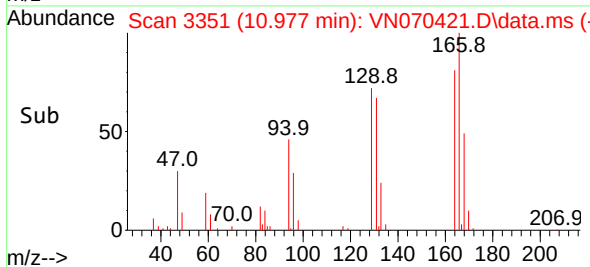
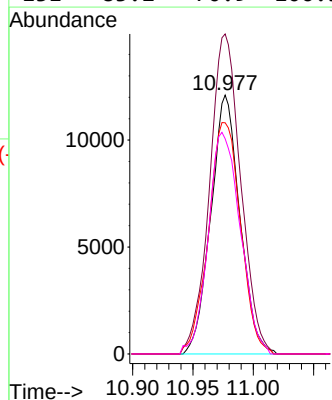
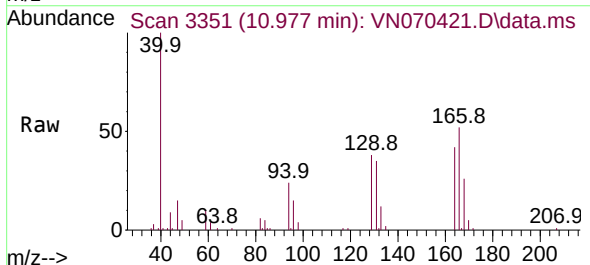
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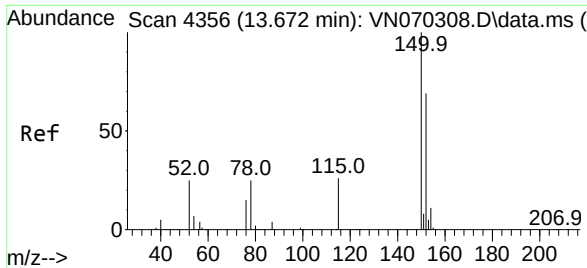
Tgt Ion:117 Resp: 2328775
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 1.204 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070421.D
Acq: 31 Dec 2021 2:12

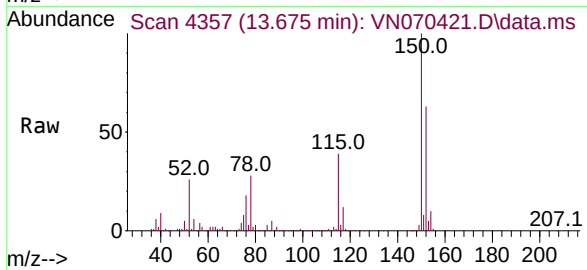
Tgt Ion:164 Resp: 20301
Ion Ratio Lower Upper
164 100
166 123.6 101.9 152.9
129 89.3 72.0 108.0
131 83.2 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070421.D
 Acq: 31 Dec 2021 2:12

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 1075182

Ion	Ratio	Lower	Upper
152	100		
115	61.4	27.5	82.5
150	158.8	0.0	344.4

