

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070419.D
 Acq On : 31 Dec 2021 1:21
 Operator : JC/MD
 Sample : M5179-01ME
 Misc : 6.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 06:33:36 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	925648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1802919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2125566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	963040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	706789	53.106	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.220%			
35) Dibromofluoromethane	8.019	113	540135	49.515	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.020%			
50) Toluene-d8	10.440	98	2439706	54.748	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.733	95	1088462	67.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 135.260%#			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.316	96	293234m	24.620	ug/l	
44) Trichloroethene	9.212	130	61086	4.647	ug/l	86
64) Tetrachloroethene	10.977	164	112256	7.293	ug/l	96

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

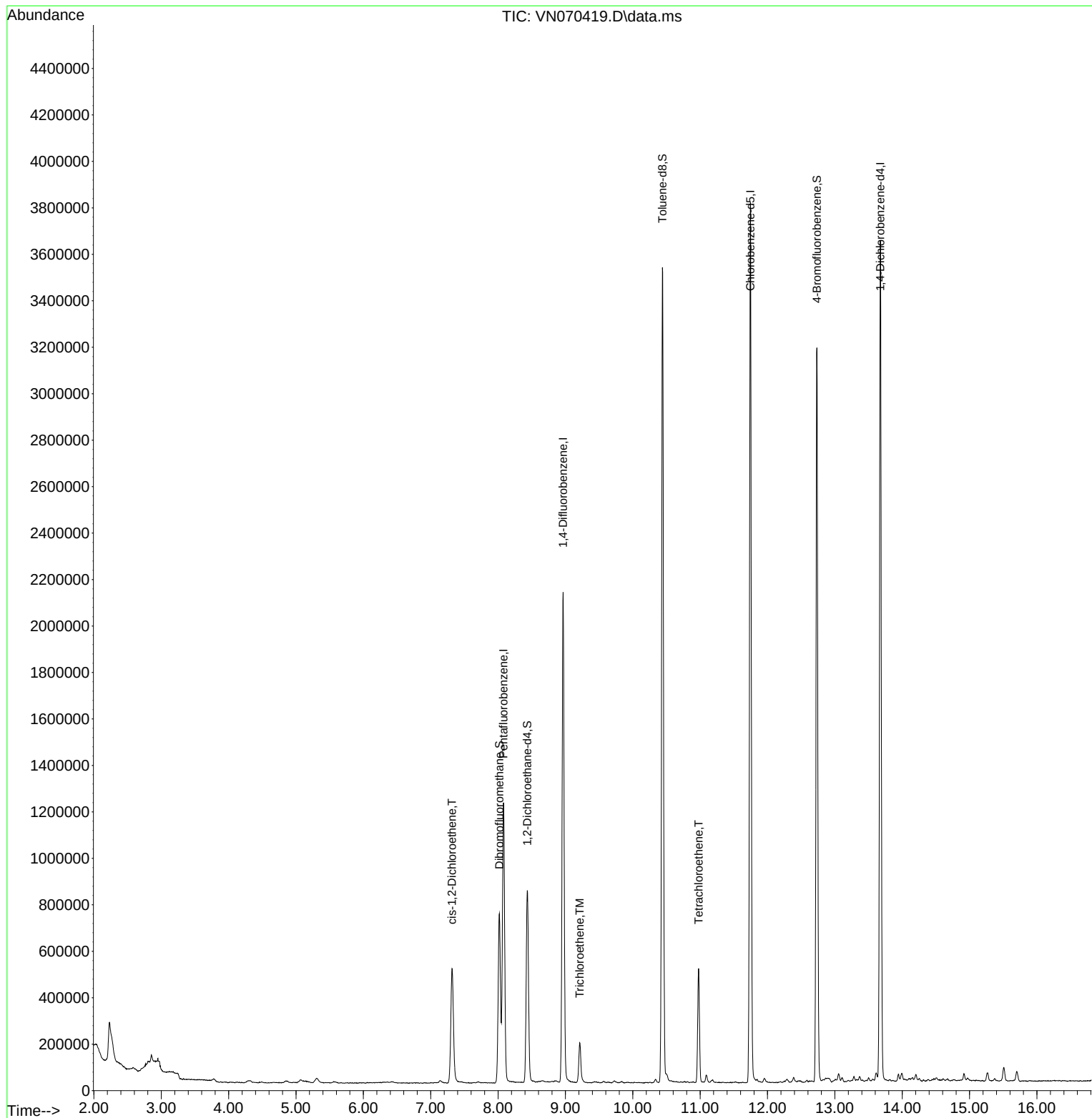
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
Data File : VN070419.D
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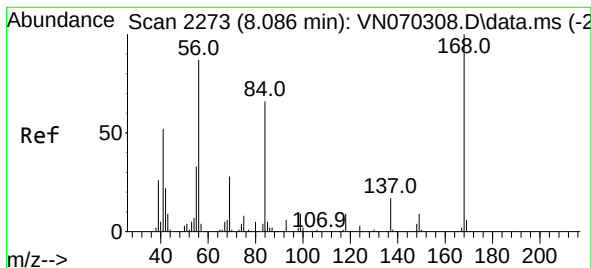
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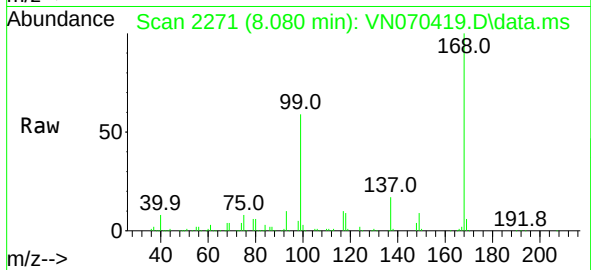
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21

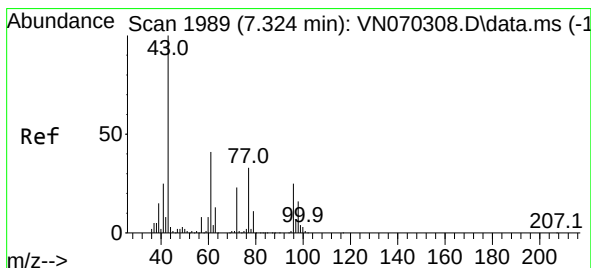
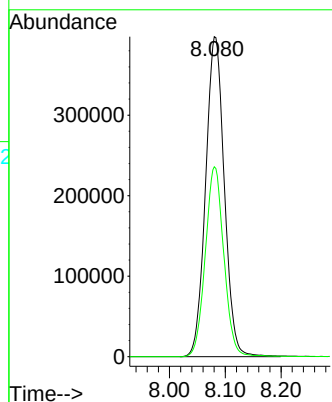
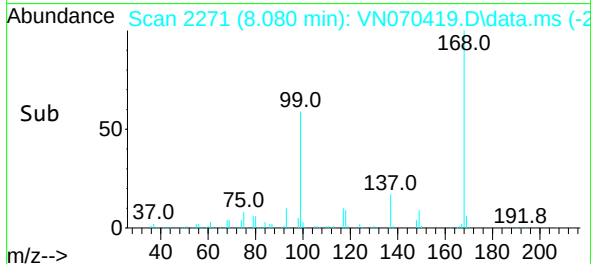
Instrument : MSVOA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-WESTME



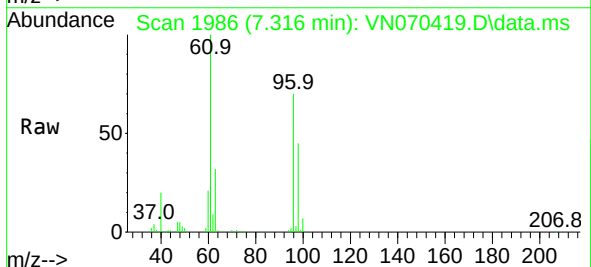
Tgt Ion:168 Resp: 92564
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

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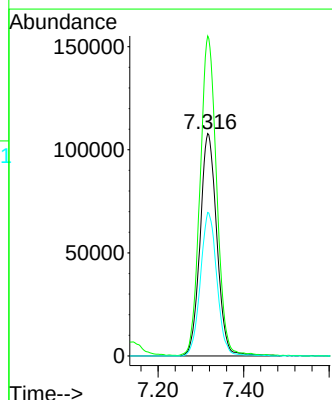
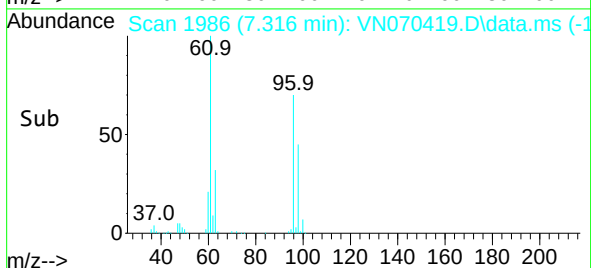
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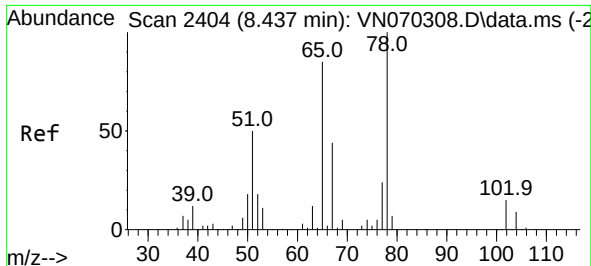


#27
cis-1,2-Dichloroethene
Concen: 24.620 ug/l m
RT: 7.316 min Scan# 1986
Delta R.T. -0.008 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21



Tgt Ion: 96 Resp: 293234
Ion Ratio Lower Upper
96 100
61 0.0 0.0 275.0
98 0.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 53.106 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070419.D

Acq: 31 Dec 2021 1:21

Instrument :

MSVOA_N

ClientSampleId :

POST-EXCAVATION-BOTTOM-WESTME

Tgt Ion: 65 Resp: 706789

Ion Ratio Lower Upper

65 100

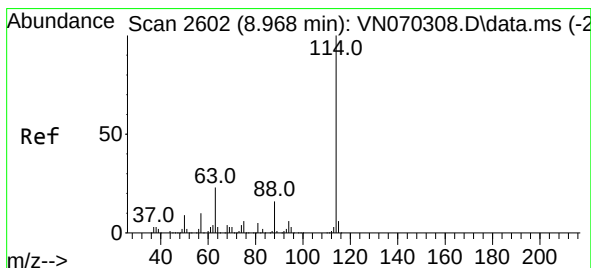
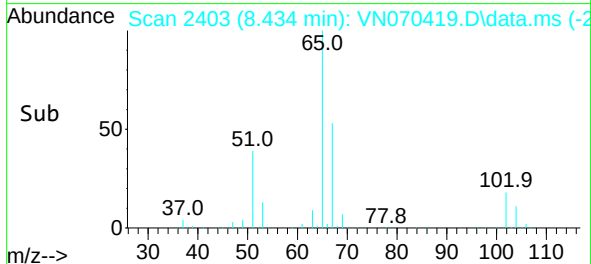
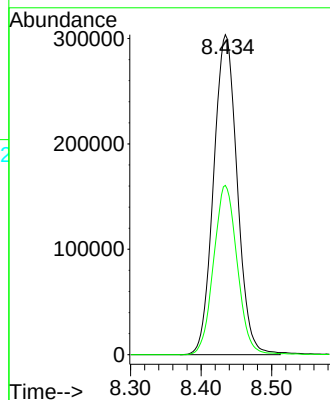
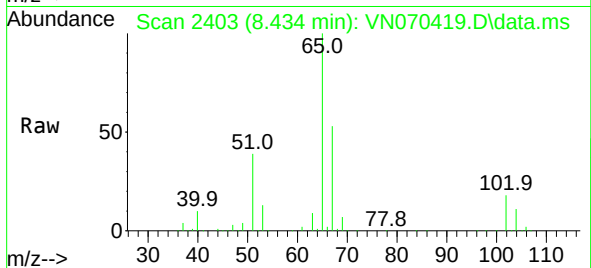
67 53.0 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070419.D

Acq: 31 Dec 2021 1:21

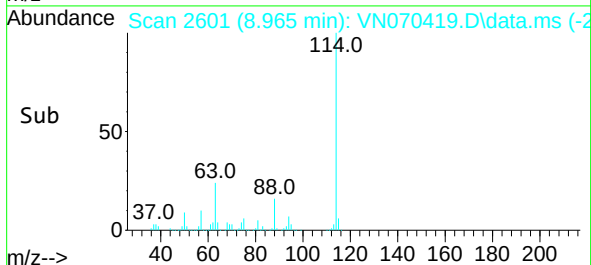
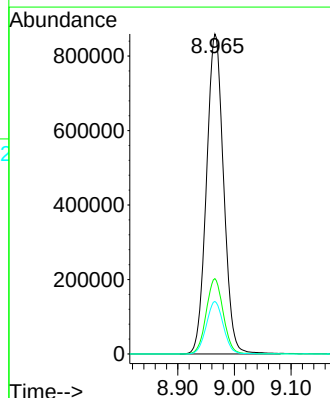
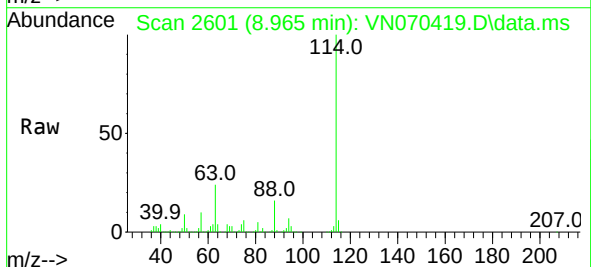
Tgt Ion:114 Resp: 1802919

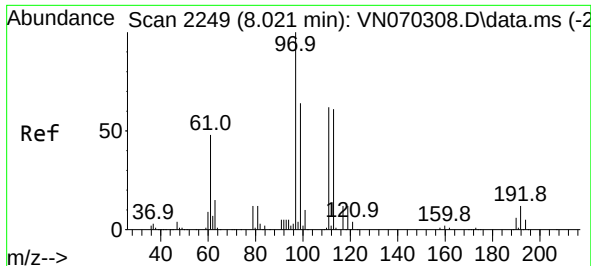
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

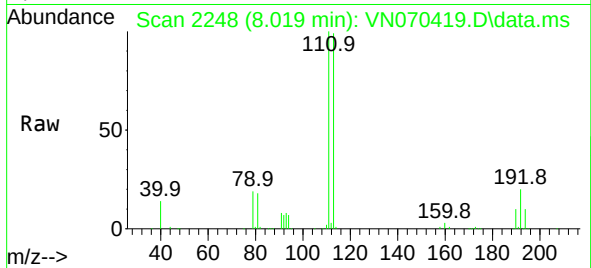
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.515 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21

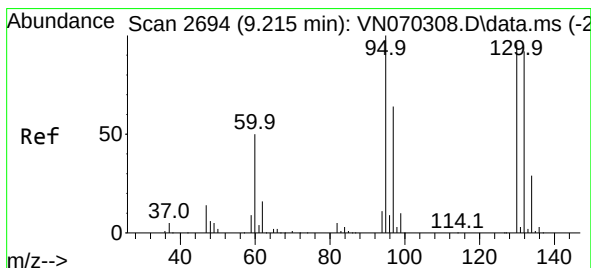
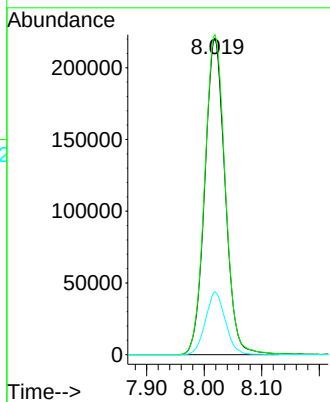
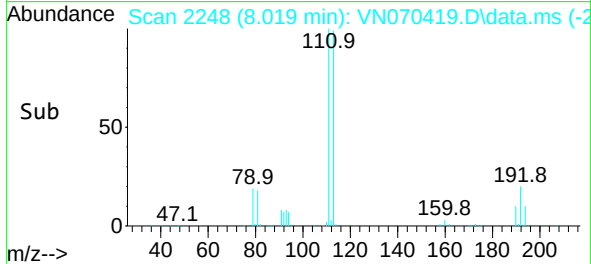
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Tgt Ion:113 Resp: 54013
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.5 16.9 25.3

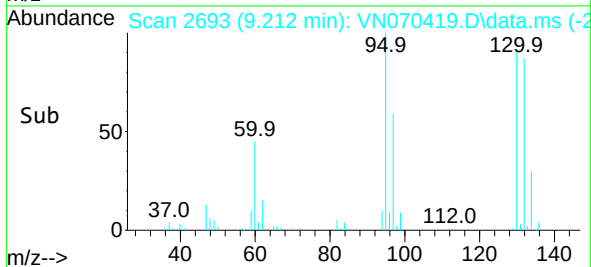
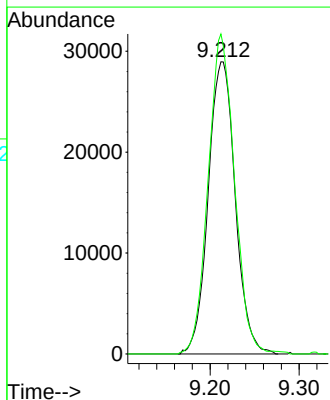
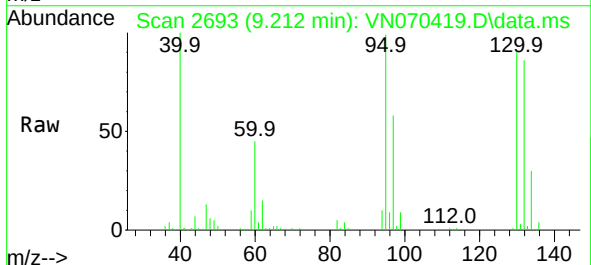
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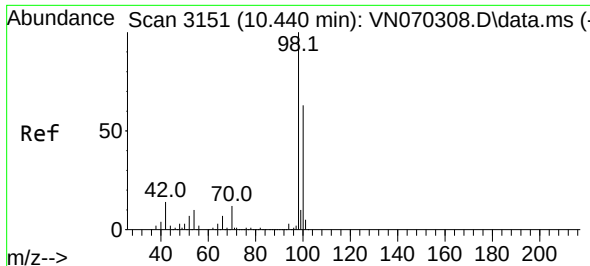
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#44
Trichloroethene
Concen: 4.647 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21

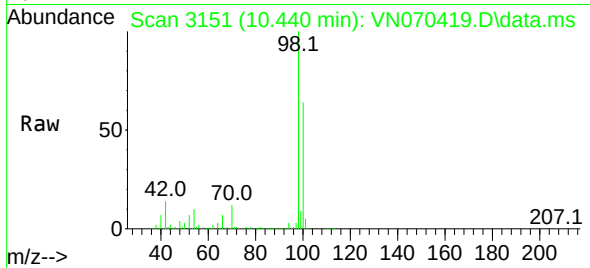
Tgt Ion:130 Resp: 61086
Ion Ratio Lower Upper
130 100
95 109.5 0.0 191.2





#50
Toluene-d8
Concen: 54.748 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21

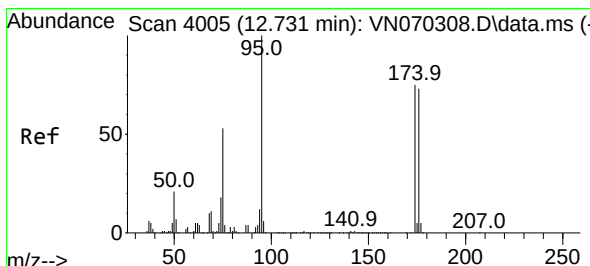
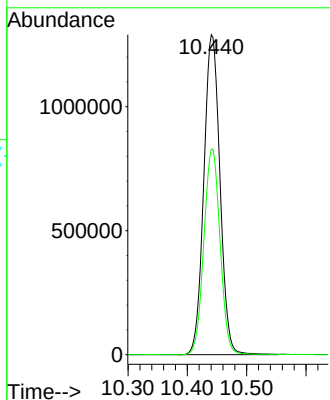
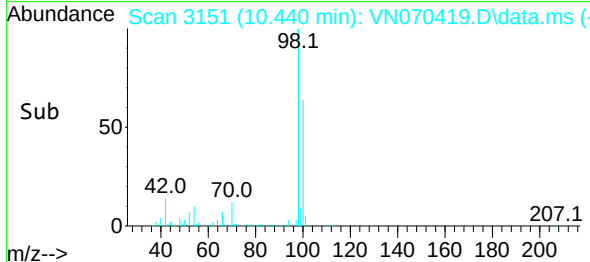
Instrument : MSVOA_N
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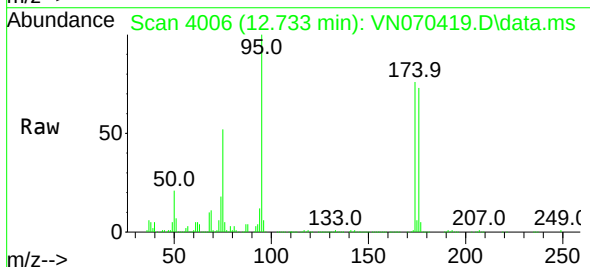
Tgt Ion: 98 Resp: 2439700
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

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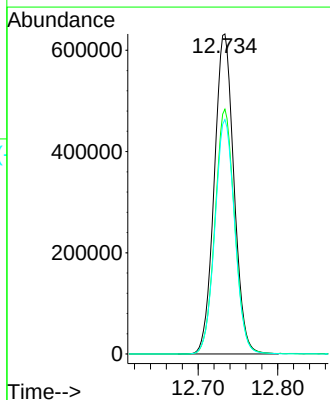
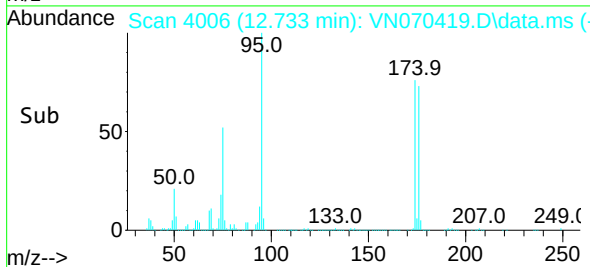
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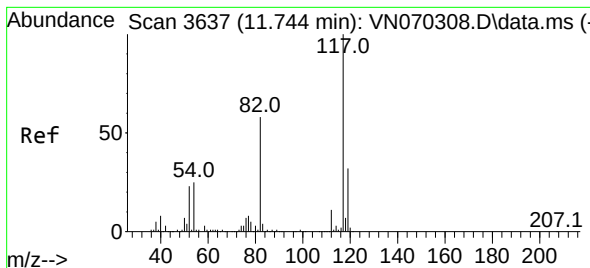


#62
4-Bromofluorobenzene
Concen: 67.627 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070419.D
Acq: 31 Dec 2021 1:21



Tgt Ion: 95 Resp: 1088462
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.5 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: VN070419.D

Acq: 31 Dec 2021 1:21

Instrument :

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ClientSampleId :

POST-EXCAVATION-BOTTOM-WESTME

Tgt Ion:117 Resp: 212556

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

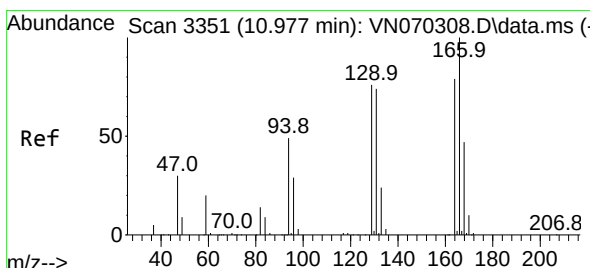
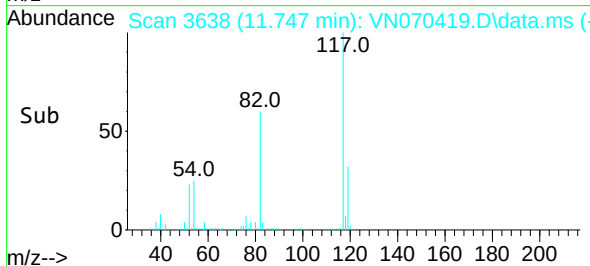
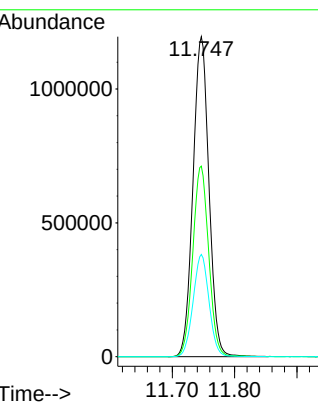
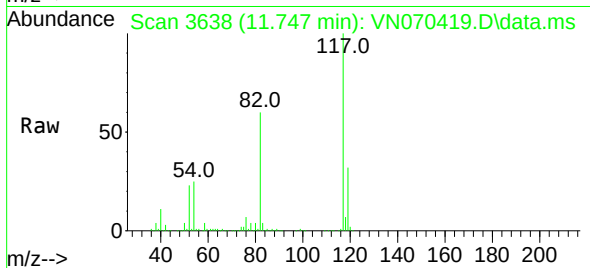
119 31.9 25.4 38.2

Manual Integrations

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#64

Tetrachloroethene

Concen: 7.293 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070419.D

Acq: 31 Dec 2021 1:21

Tgt Ion:164 Resp: 112256

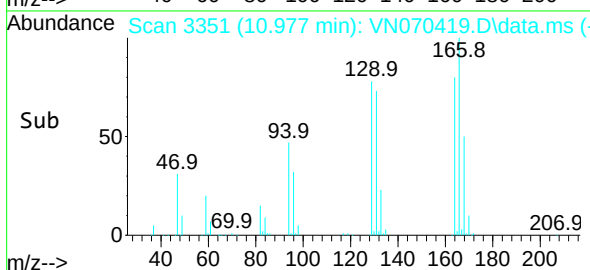
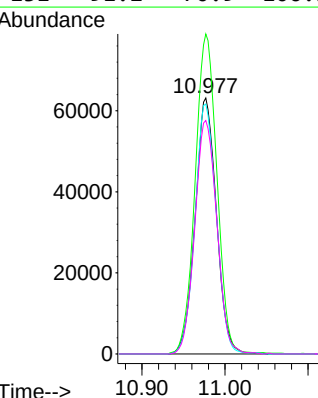
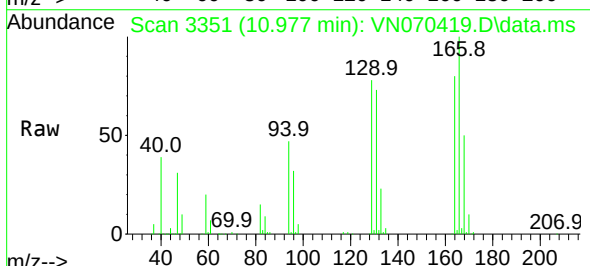
Ion Ratio Lower Upper

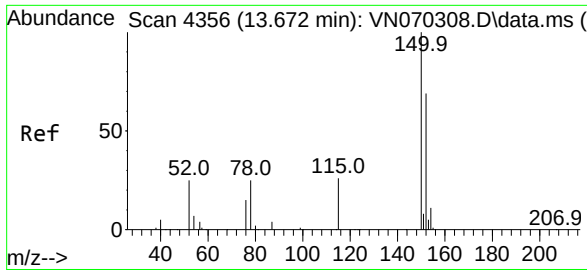
164 100

166 125.0 101.9 152.9

129 97.6 72.0 108.0

131 91.2 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: VN070419.D

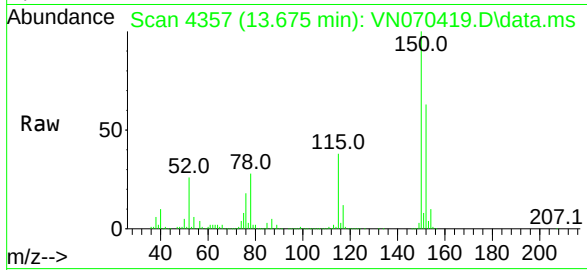
Acq: 31 Dec 2021 1:21

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 963040

Ion Ratio Lower Upper

152 100

115 60.2 27.5 82.5

150 158.0 0.0 344.4

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