

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084370.D
 Acq On : 09 Oct 2024 16:20
 Operator : JC\MD
 Sample : P4359-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2024
 Supervised By : Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:23:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134358	47.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.000%		
35) Dibromofluoromethane	8.165	113	102902	46.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	10.565	98	402965	49.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.847	95	141751	47.560	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.120%		
Target Compounds						
16) Acetone	4.436	43	20882	17.185	ug/l	99
20) Methylene Chloride	5.277	84	6475	2.621	ug/l #	76
25) 2-Butanone	7.489	43	8540	5.160	ug/l #	84
43) Isopropyl Acetate	8.689	43	213948m	32.963	ug/l	
95) Naphthalene	15.641	128	177645	26.633	ug/l	100

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

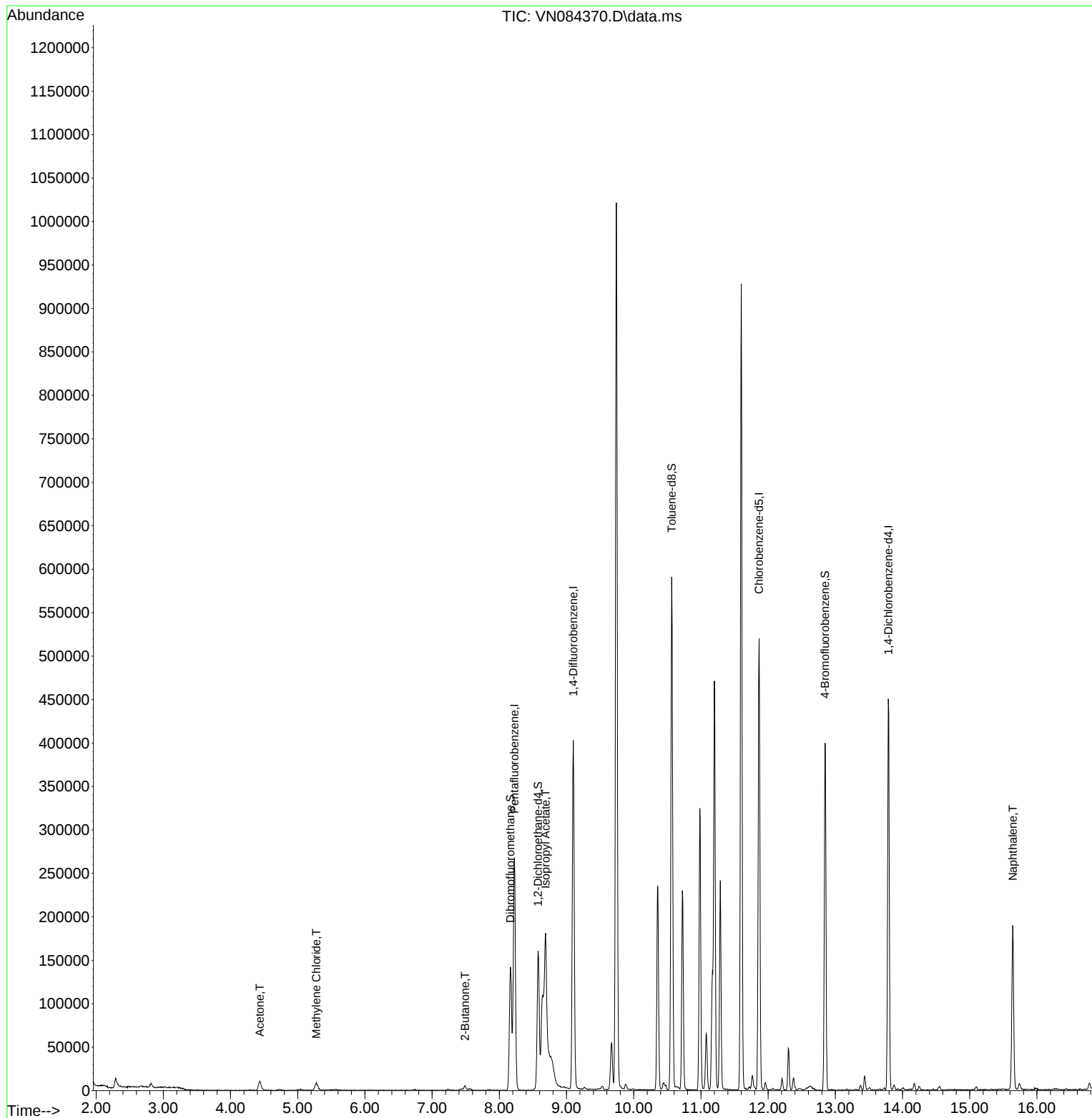
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
Data File : VN084370.D
Acq On : 09 Oct 2024 16:20
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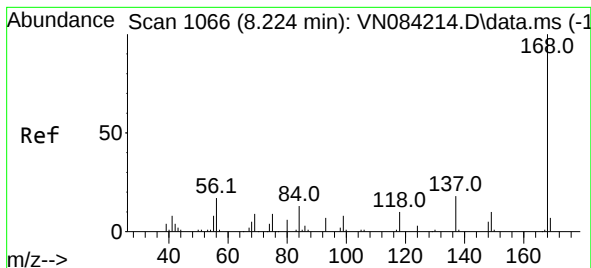
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL

Quant Time: Oct 10 01:23:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

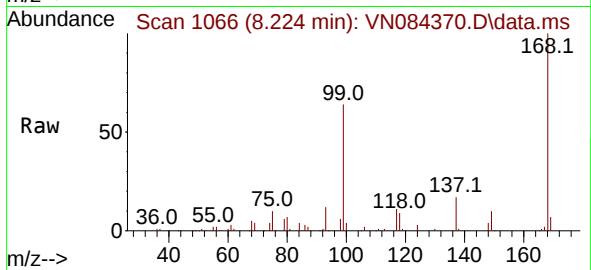
Reviewed By : John Carlone 10/10/2024
Supervised By : Mahesh Dadoda 10/10/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

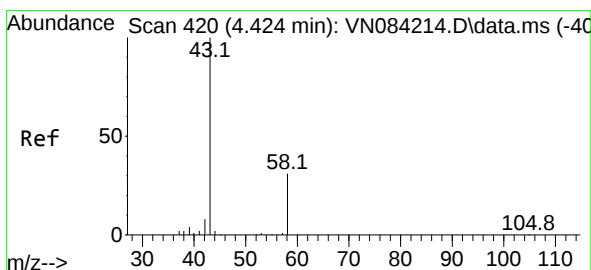
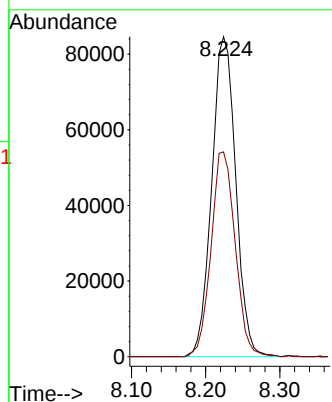
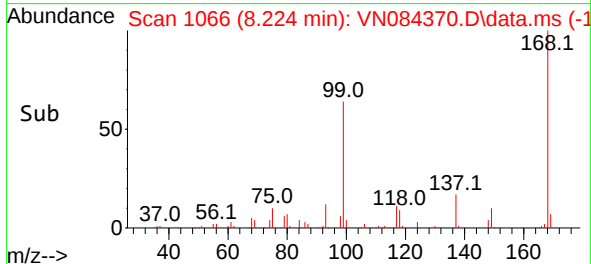
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL



Tgt Ion:168 Resp: 190770
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2

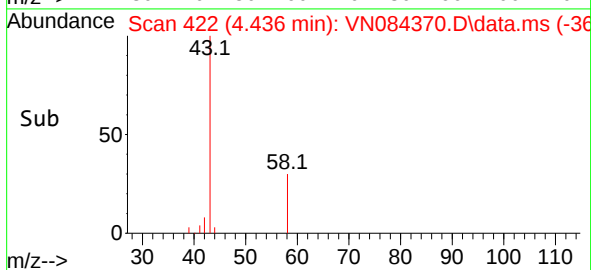
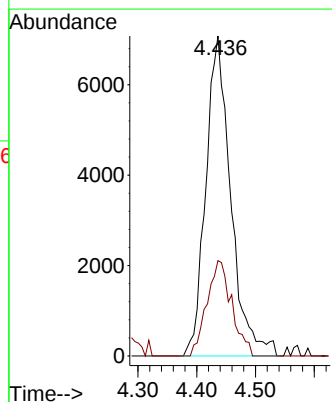
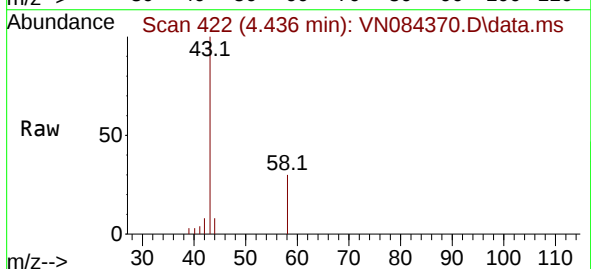
Manual Integrations
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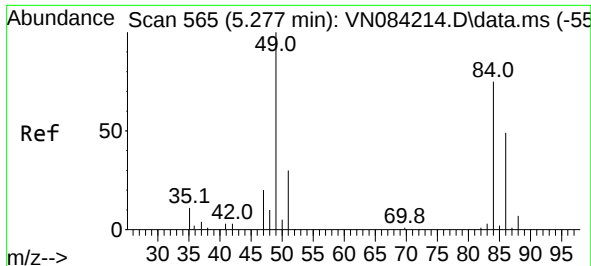
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#16
Acetone
Concen: 17.185 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

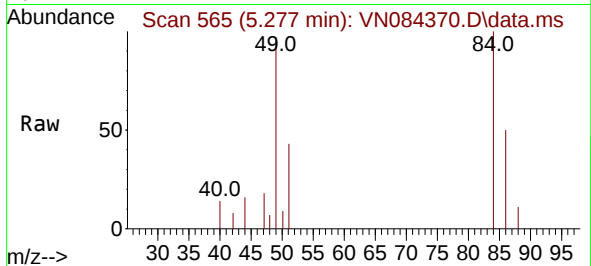
Tgt Ion: 43 Resp: 20882
Ion Ratio Lower Upper
43 100
58 29.8 24.4 36.6





#20
Methylene Chloride
Concen: 2.621 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

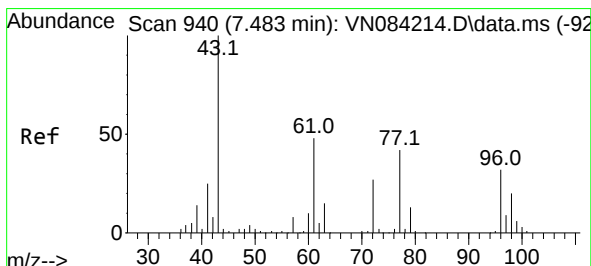
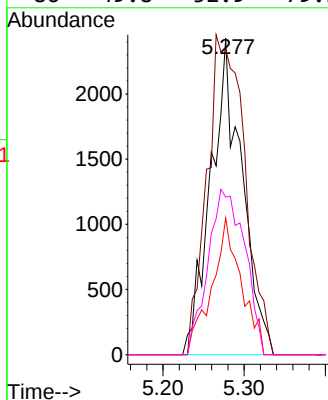
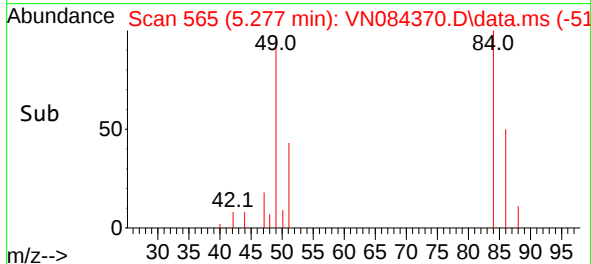
Instrument :
MSVOA_N
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EXCAVATION-SOIL



Tgt Ion: 84 Resp: 6479
Ion Ratio Lower Upper
84 100
49 96.5 107.2 160.8
51 43.2 31.8 47.8
86 49.8 52.9 79.3#

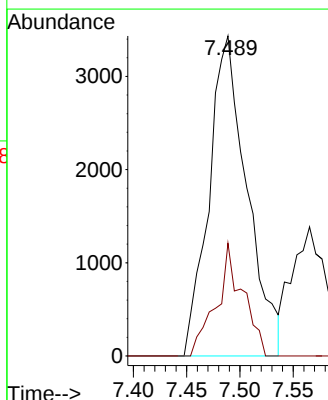
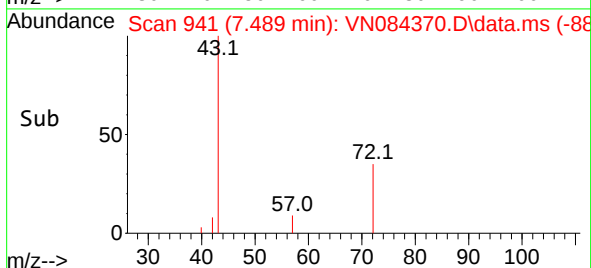
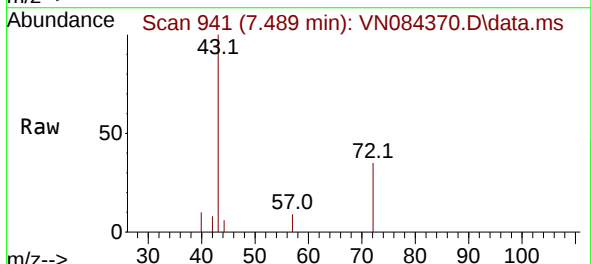
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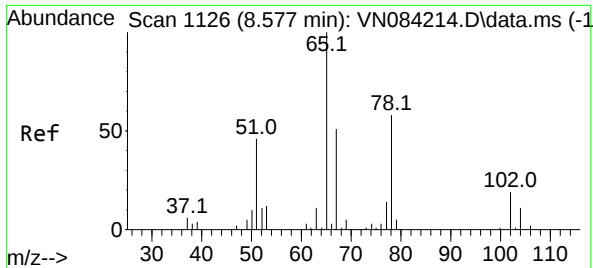
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#25
2-Butanone
Concen: 5.160 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

Tgt Ion: 43 Resp: 8540
Ion Ratio Lower Upper
43 100
72 35.2 21.4 32.2#





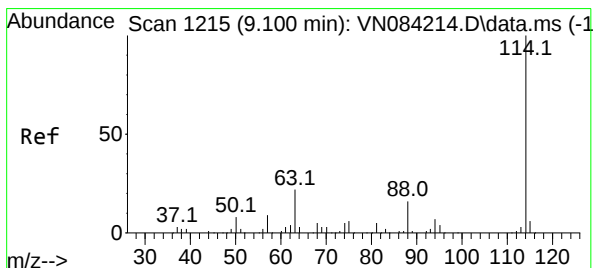
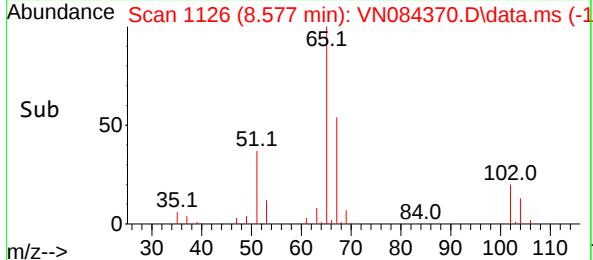
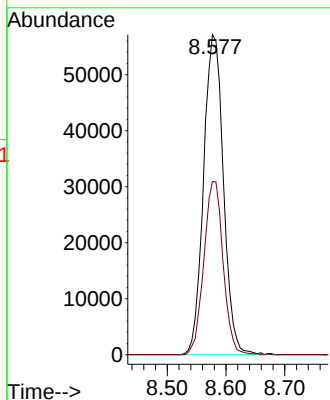
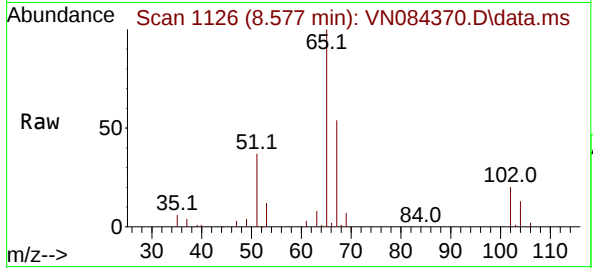
#33
 1,2-Dichloroethane-d4
 Concen: 47.500 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084370.D
 Acq: 09 Oct 2024 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-SOIL

Tgt Ion: 65 Resp: 134358
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0

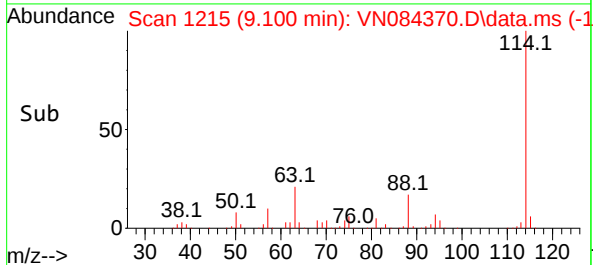
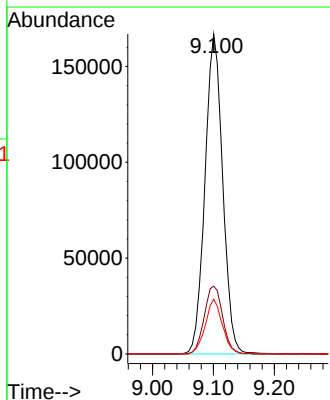
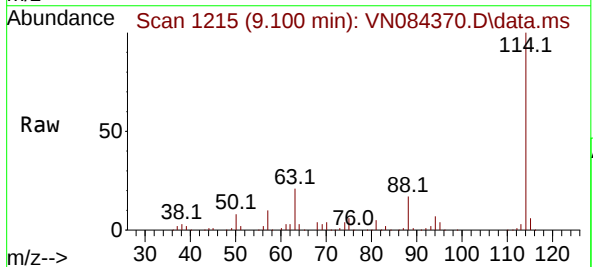
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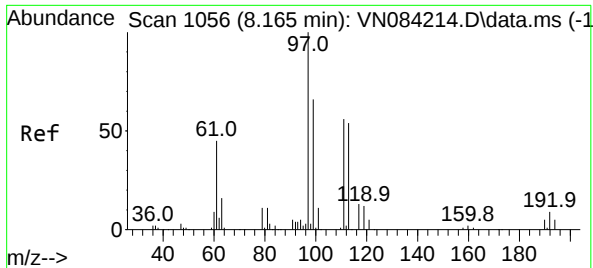
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084370.D
 Acq: 09 Oct 2024 16:20

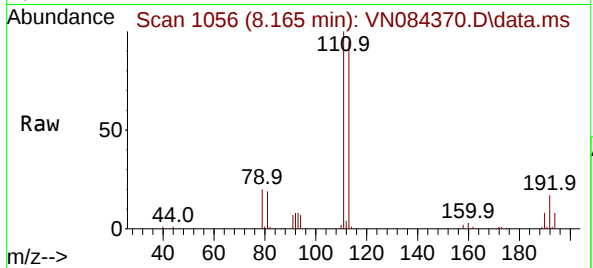
Tgt Ion:114 Resp: 337297
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.8
 88 17.1 0.0 31.6





#35
Dibromofluoromethane
Concen: 46.276 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

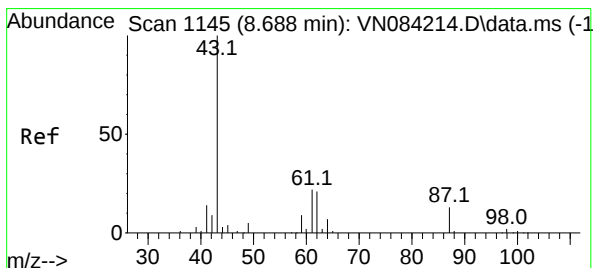
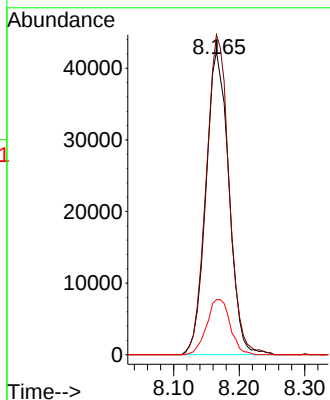
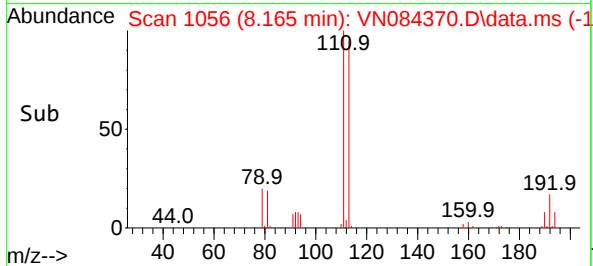
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL



Tgt Ion:113 Resp: 102902
Ion Ratio Lower Upper
113 100
111 105.1 83.3 124.9
192 18.6 13.5 20.3

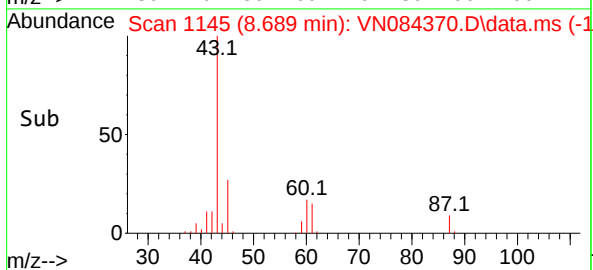
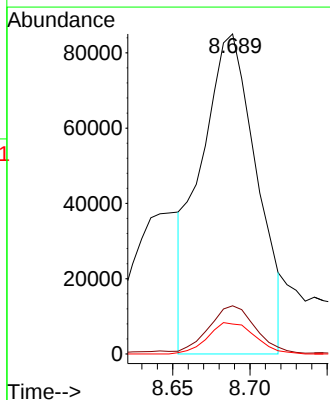
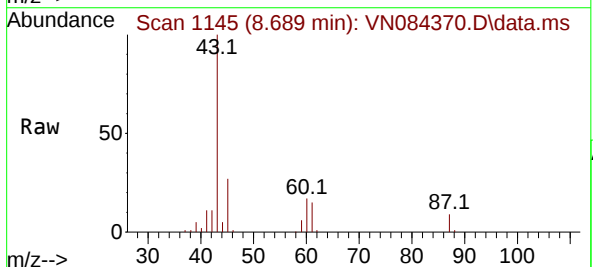
Manual Integrations
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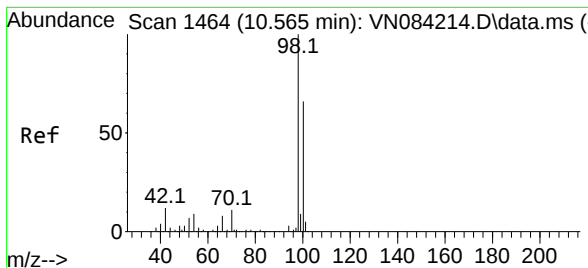
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#43
Isopropyl Acetate
Concen: 32.963 ug/l m
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

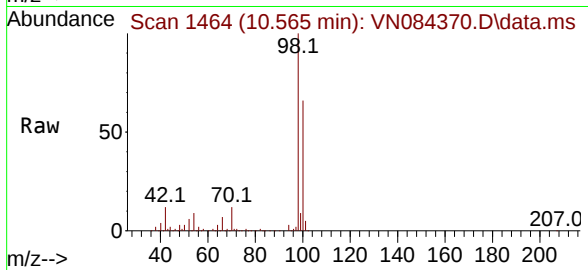
Tgt Ion: 43 Resp: 213948
Ion Ratio Lower Upper
43 100
61 13.0 20.4 30.6#
87 8.3 10.3 15.5#





#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

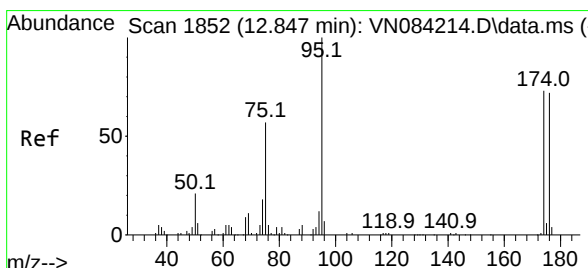
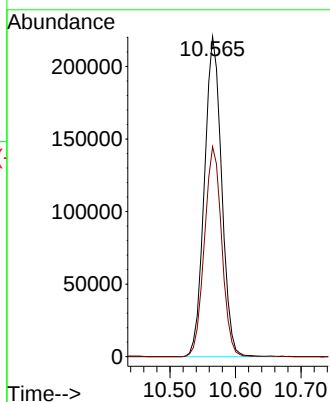
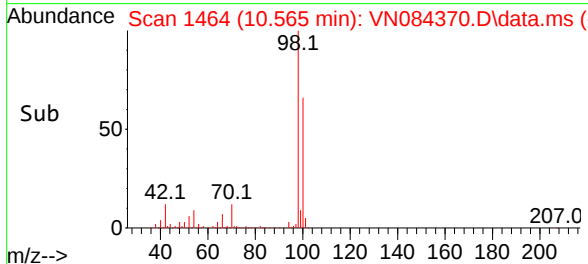
Instrument :
MSVOA_N
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EXCAVATION-SOIL



Tgt Ion: 98 Resp: 40296
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

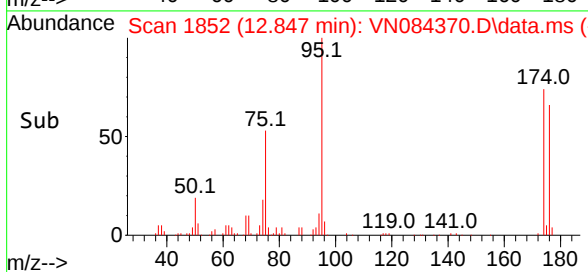
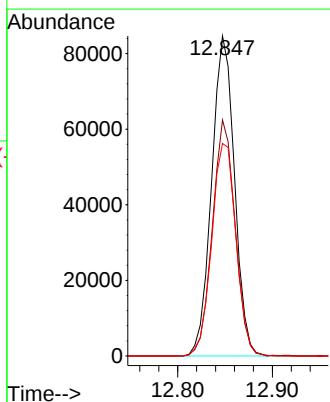
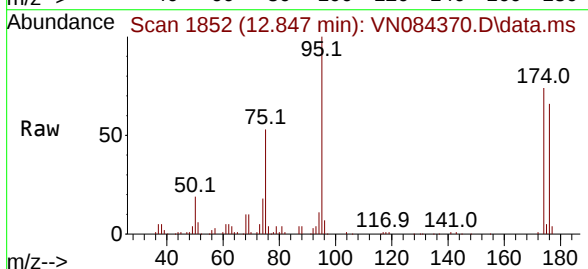
Manual Integrations
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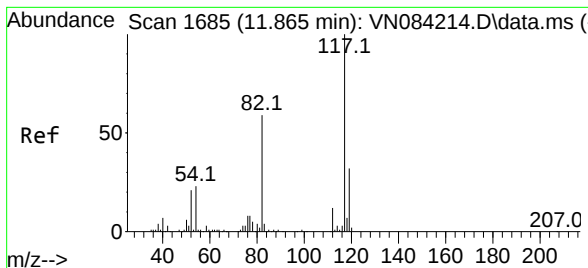
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#62
4-Bromofluorobenzene
Concen: 47.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

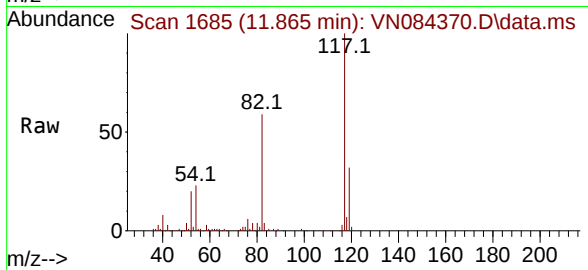
Tgt Ion: 95 Resp: 141751
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.2
176 70.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

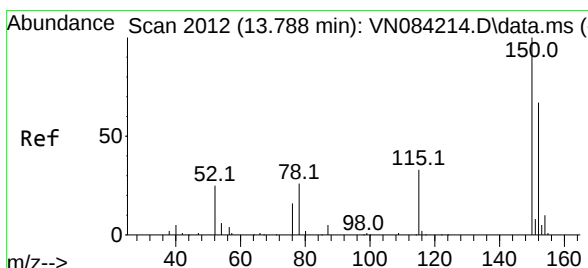
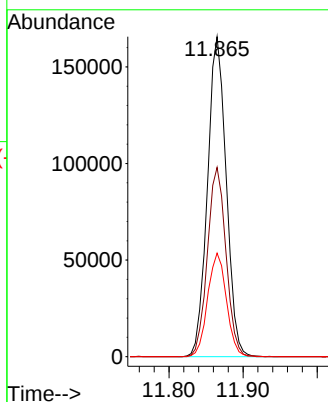
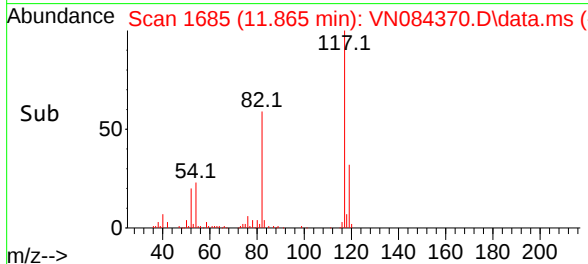
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EXCAVATION-SOIL



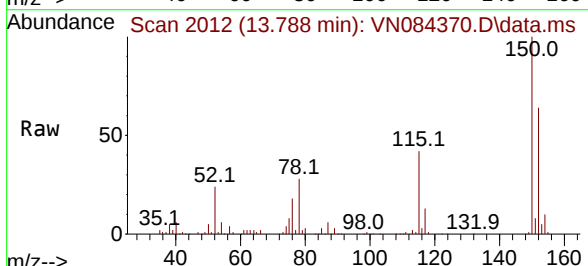
Tgt Ion:117 Resp: 290834
Ion Ratio Lower Upper
117 100
82 59.2 47.2 70.8
119 32.4 25.4 38.0

Manual Integrations
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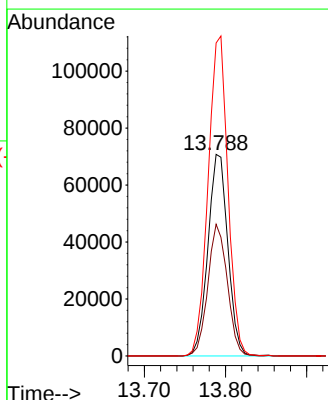
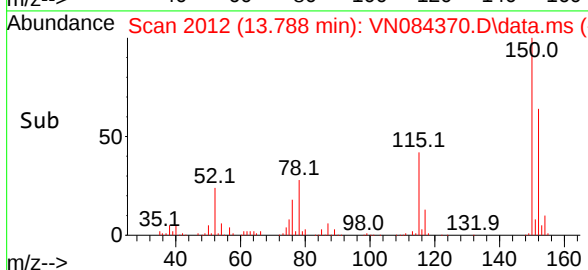
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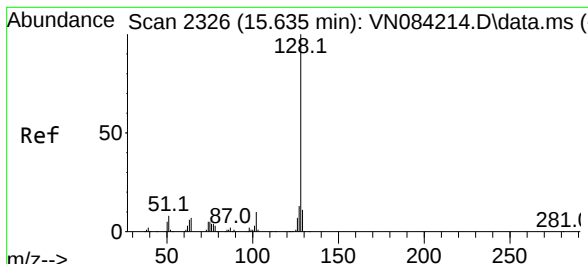


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20



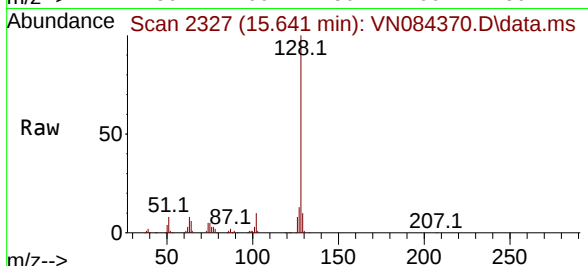
Tgt Ion:152 Resp: 120640
Ion Ratio Lower Upper
152 100
115 63.7 31.3 93.9
150 157.6 0.0 349.8





#95
Naphthalene
Concen: 26.633 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084370.D
Acq: 09 Oct 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-SOIL



Tgt Ion:128 Resp: 177649
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1

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