

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080828.D
 Acq On : 30 Jan 2024 20:45
 Operator : JC\MD
 Sample : P1270-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SOIL-20240126

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 02:14:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	82834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	202497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	223975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76555	53.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	8.165	113	58457	47.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.380%			
50) Toluene-d8	10.571	98	245472	50.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.853	95	95030	56.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.480%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	23101	44.450	ug/l	93
20) Methylene Chloride	5.265	84	4780m	3.504	ug/l	
37) Ethyl Acetate	7.571	43	3372	1.423	ug/l #	78
40) Benzene	8.612	78	51071	7.546	ug/l	93
43) Isopropyl Acetate	8.694	43	107024	24.799	ug/l #	90

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

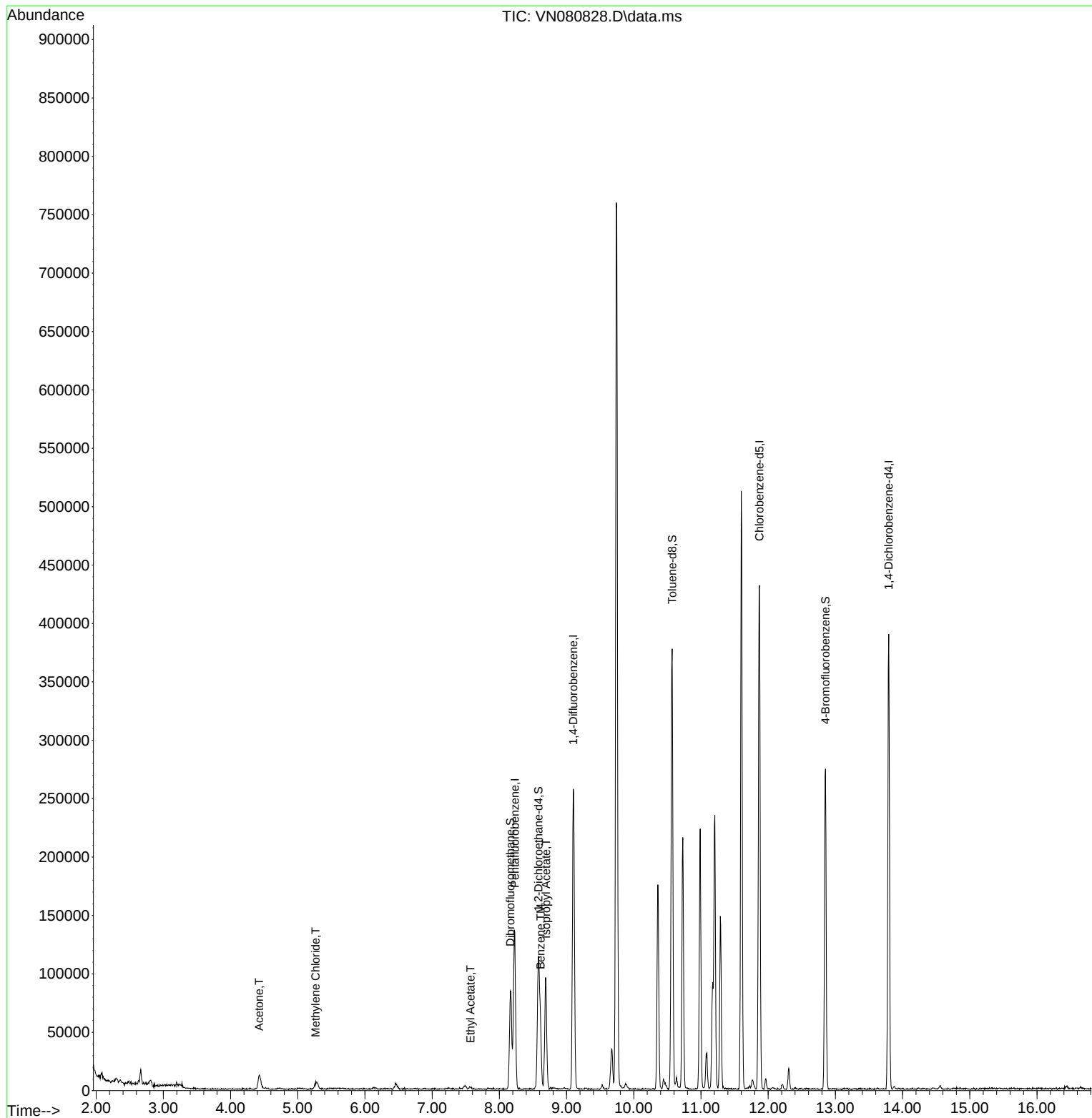
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080828.D
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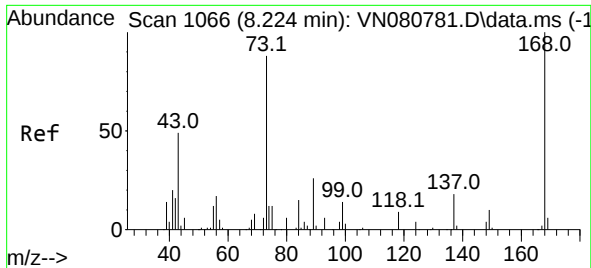
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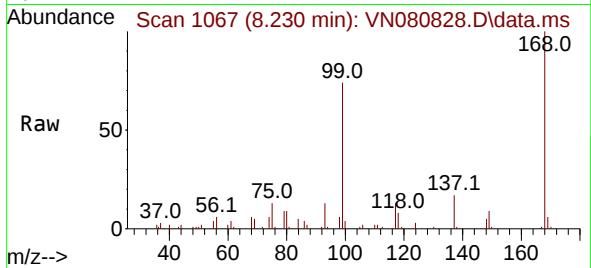
Quant Time: Jan 31 02:14:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

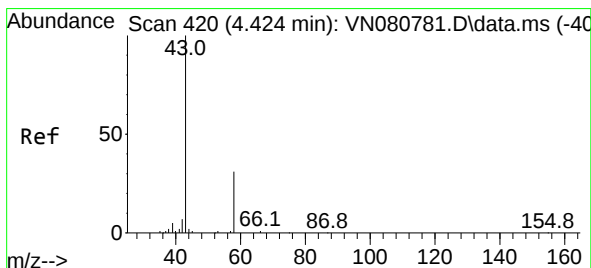
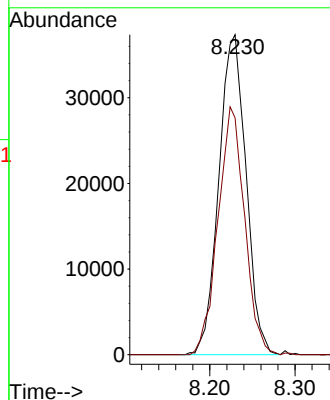
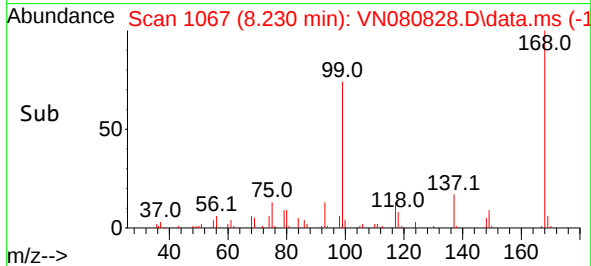
Instrument :
MSVOA_N
ClientSampleId :
WC-SOIL-20240126



Tgt Ion:168 Resp: 82834
Ion Ratio Lower Upper
168 100
99 74.0 59.9 89.9

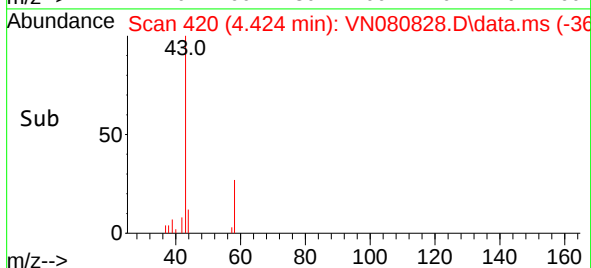
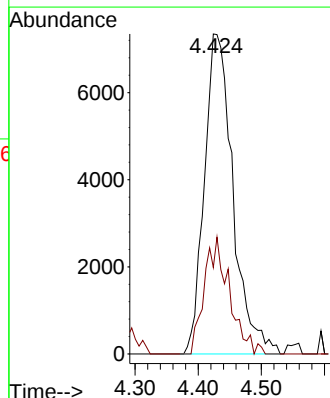
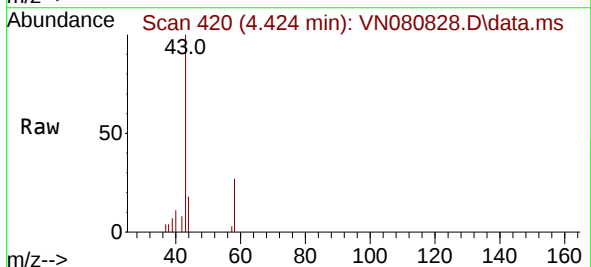
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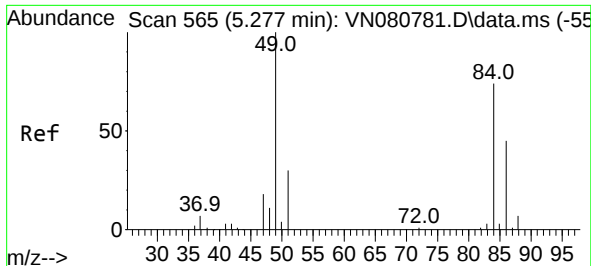
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 44.450 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

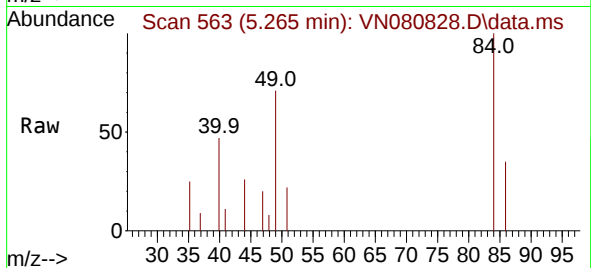
Tgt Ion: 43 Resp: 23101
Ion Ratio Lower Upper
43 100
58 27.0 24.8 37.2





#20
Methylene Chloride
Concen: 3.504 ug/l m
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

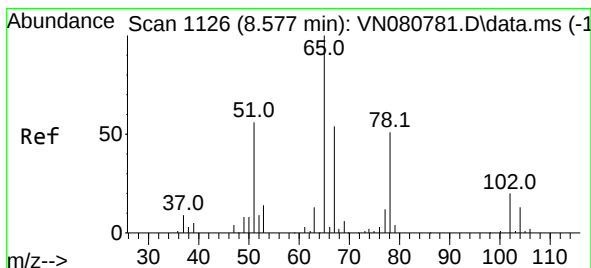
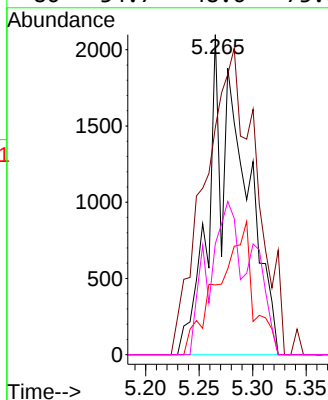
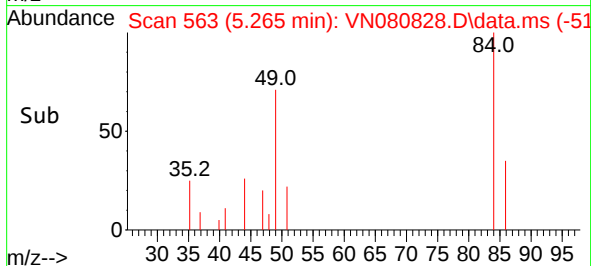
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Tgt Ion: 84 Resp: 4780
Ion Ratio Lower Upper
84 100
49 71.0 108.1 162.1
51 21.8 32.9 49.3
86 34.7 48.6 73.0

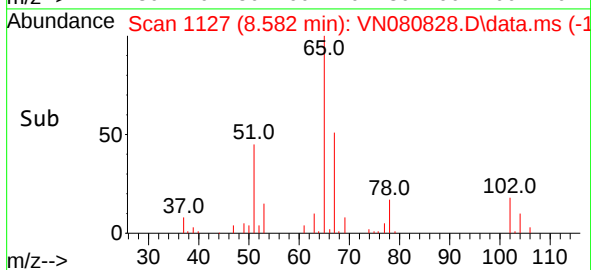
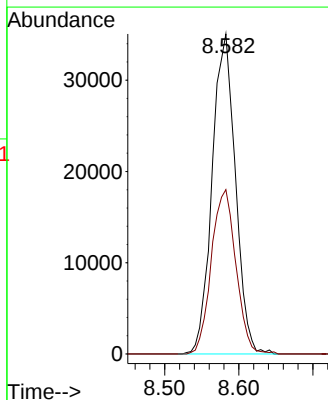
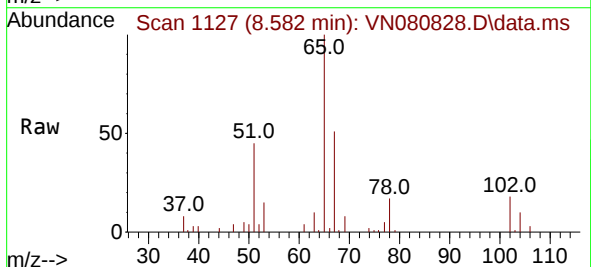
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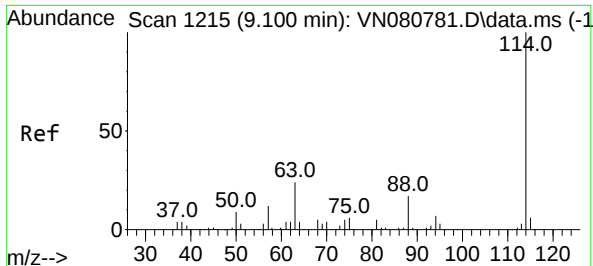
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#33
1,2-Dichloroethane-d4
Concen: 53.423 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

Tgt Ion: 65 Resp: 76555
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN080828.D

Acq: 30 Jan 2024 20:45

Instrument :

MSVOA_N

ClientSampleId :

WC-SOIL-20240126

Tgt Ion:114 Resp: 20249

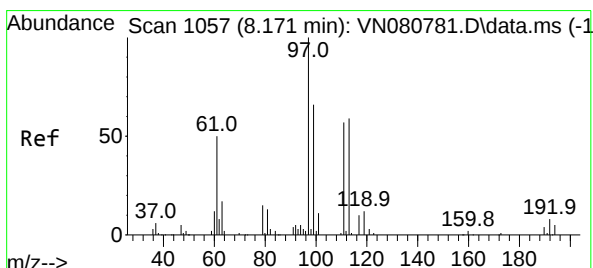
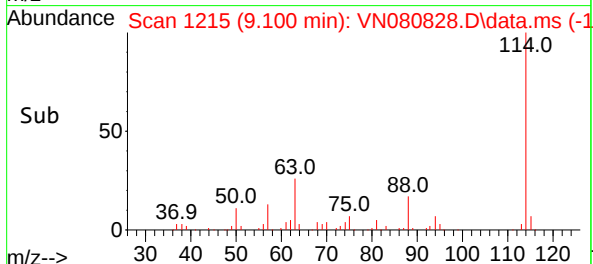
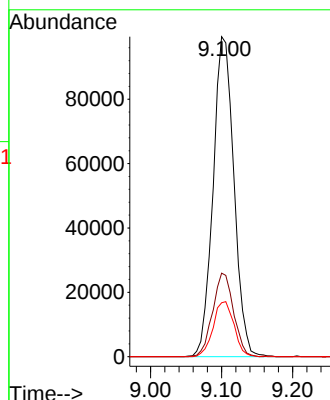
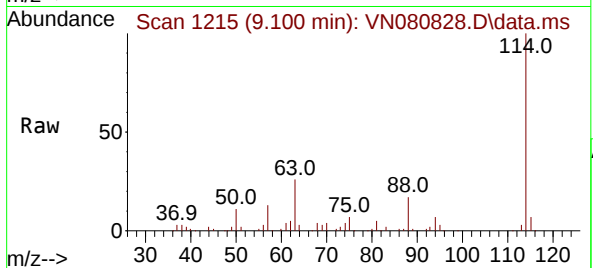
Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	48.0
88	16.9	0.0	34.8

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#35

Dibromofluoromethane

Concen: 47.185 ug/l

RT: 8.165 min Scan# 1056

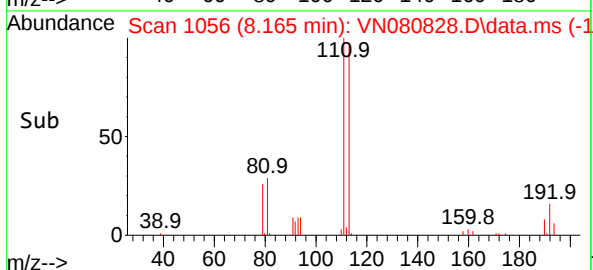
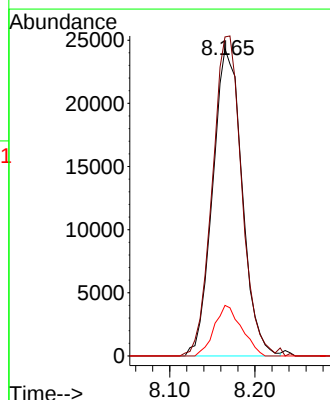
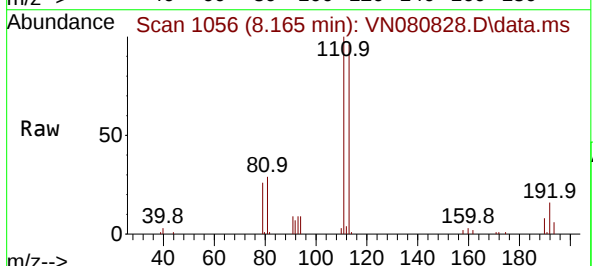
Delta R.T. -0.006 min

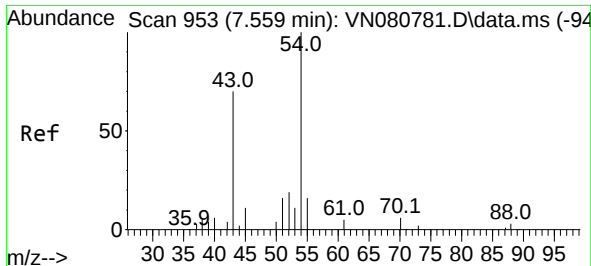
Lab File: VN080828.D

Acq: 30 Jan 2024 20:45

Tgt Ion:113 Resp: 58457

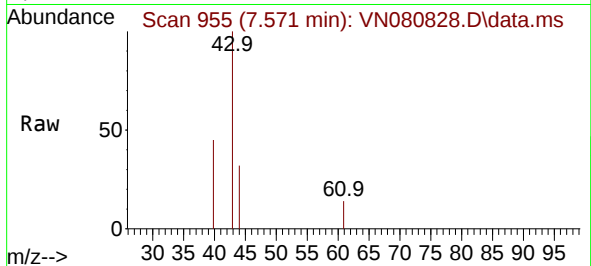
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	15.3	12.5	18.7





#37
Ethyl Acetate
Concen: 1.423 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

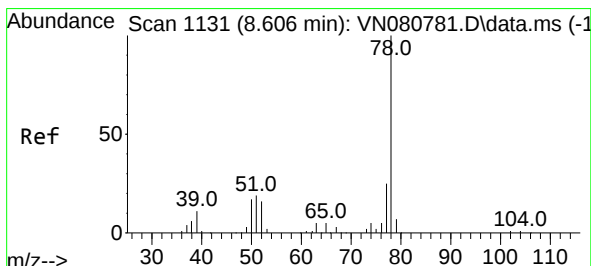
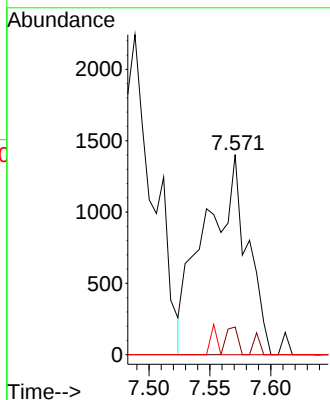
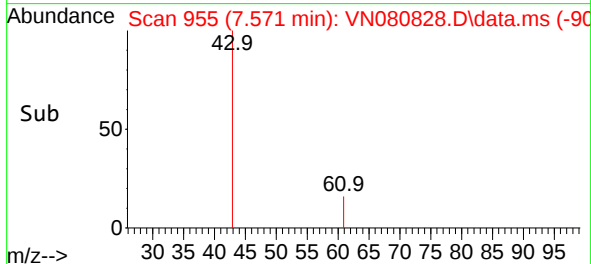
Instrument :
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ClientSampleId :
WC-SOIL-20240126



Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
61 3.9 10.6 15.8
70 2.2 8.0 12.0

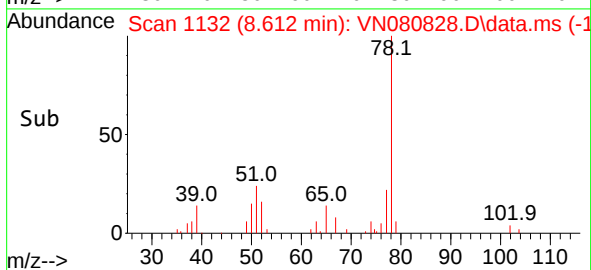
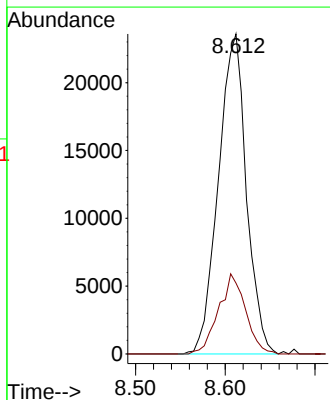
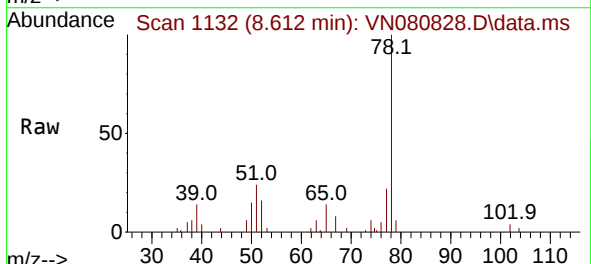
Manual Integrations
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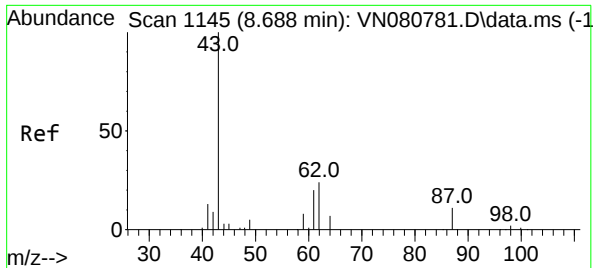
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#40
Benzene
Concen: 7.546 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

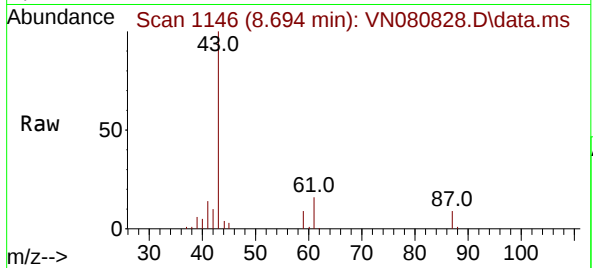
Tgt Ion: 78 Resp: 51071
Ion Ratio Lower Upper
78 100
77 22.1 20.4 30.6





#43
Isopropyl Acetate
Concen: 24.799 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

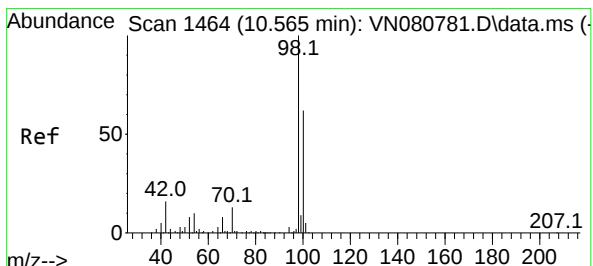
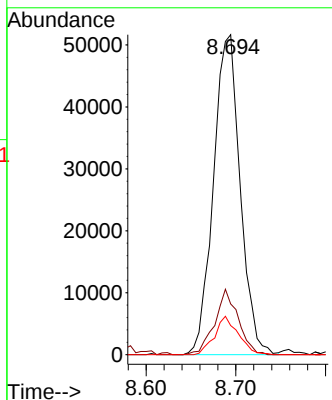
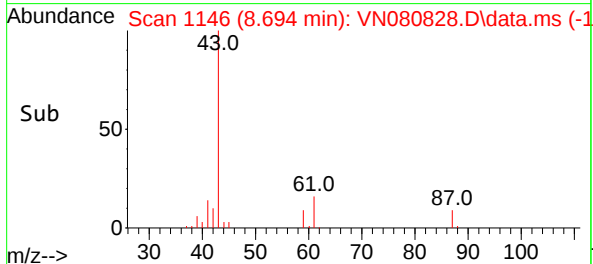
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MSVOA_N
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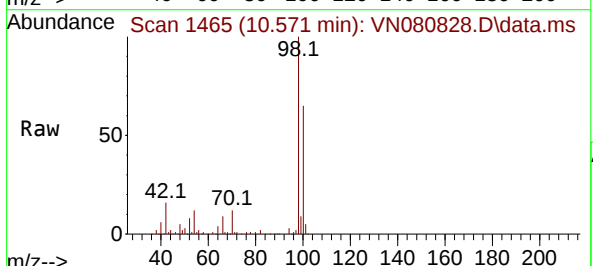
Tgt Ion: 43 Resp: 107024
Ion Ratio Lower Upper
43 100
61 17.9 19.9 29.9
87 10.6 9.0 13.6

Manual Integrations
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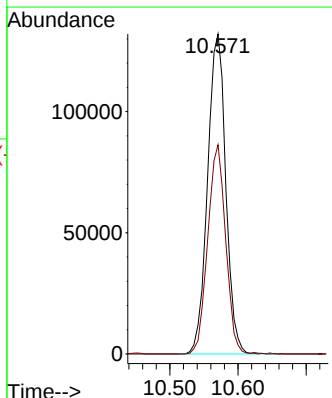
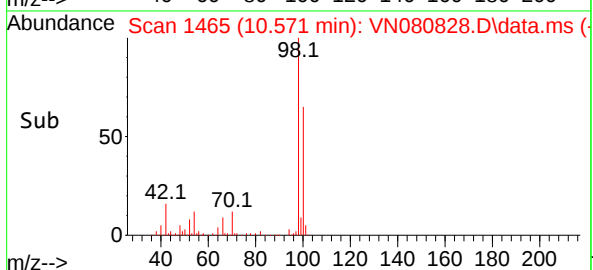
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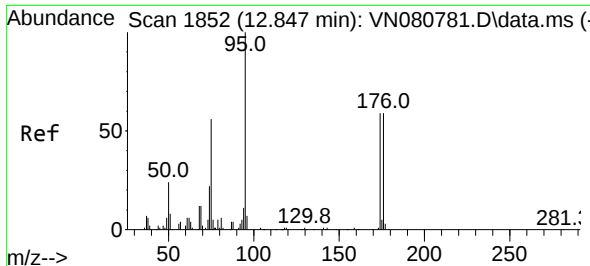


#50
Toluene-d8
Concen: 50.624 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45



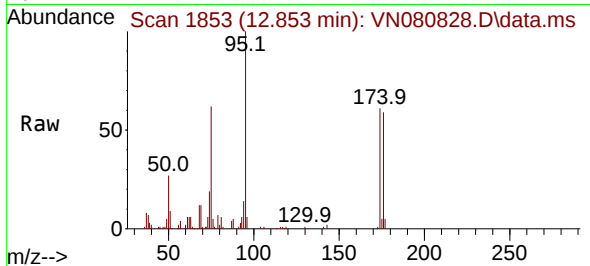
Tgt Ion: 98 Resp: 245472
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 56.240 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45

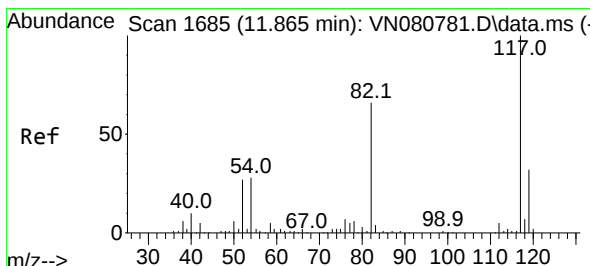
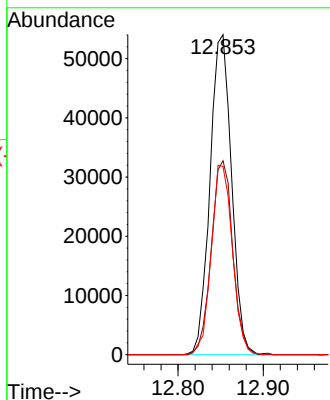
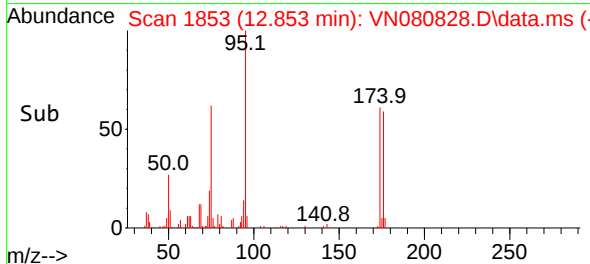
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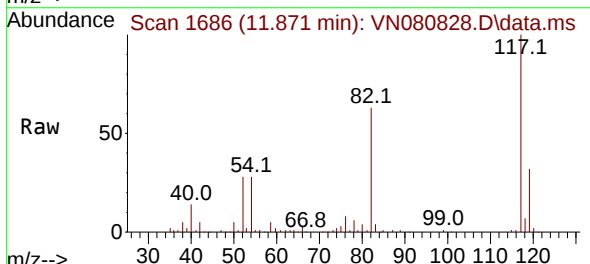
Tgt Ion: 95 Resp: 95030
Ion Ratio Lower Upper
95 100
174 60.1 0.0 120.4
176 58.1 0.0 121.0

Manual Integrations
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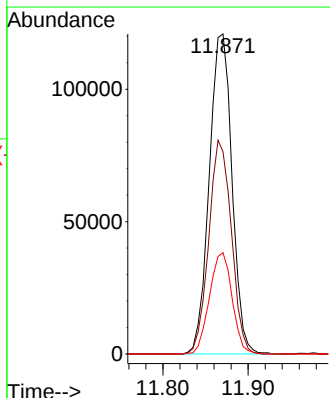
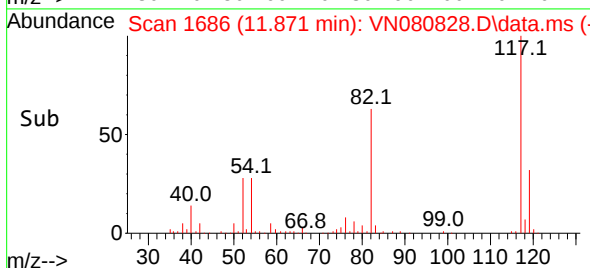
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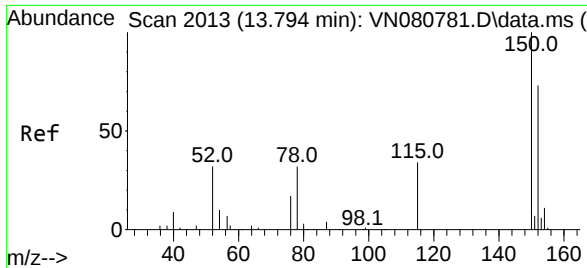


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080828.D
Acq: 30 Jan 2024 20:45



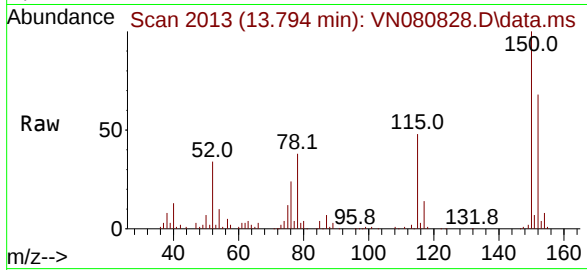
Tgt Ion:117 Resp: 223975
Ion Ratio Lower Upper
117 100
82 63.2 52.7 79.1
119 31.7 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080828.D
 Acq: 30 Jan 2024 20:45

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SOIL-20240126



Tgt Ion:152 Resp: 88744
 Ion Ratio Lower Upper
 152 100
 115 70.4 32.3 96.8
 150 156.5 0.0 339.8

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