

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081202.D
 Acq On : 26 Feb 2024 18:04
 Operator : JC\MD
 Sample : P1577-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01S-20240221

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	346586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	638618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	564998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229761	54.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.160%		
35) Dibromofluoromethane	8.171	113	182813	50.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.240%		
50) Toluene-d8	10.571	98	714585	55.714	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 111.420%		
62) 4-Bromofluorobenzene	12.853	95	234701	48.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 97.400%		
Target Compounds						Qvalue
16) Acetone	4.430	43	4038m	2.416	ug/l	
22) Diisopropyl ether	6.671	45	12633	0.958	ug/l #	83

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

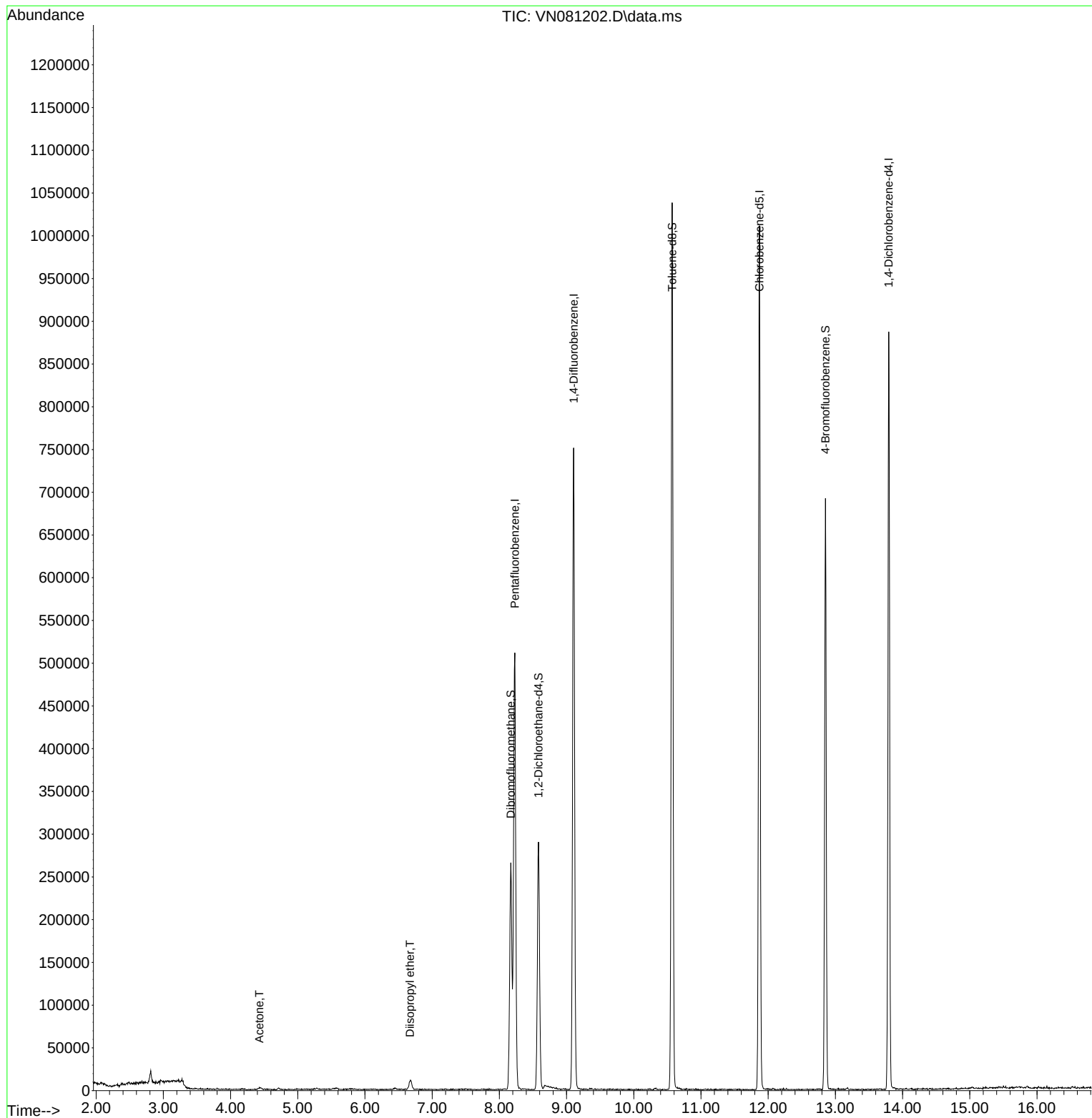
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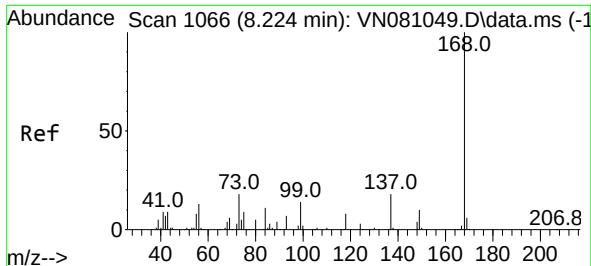
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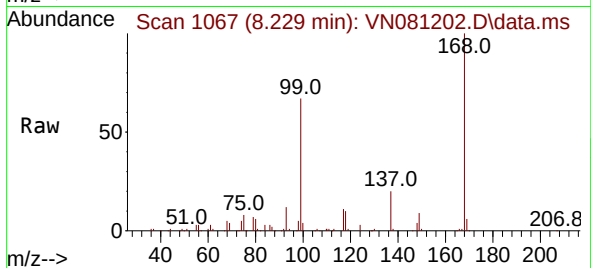
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04

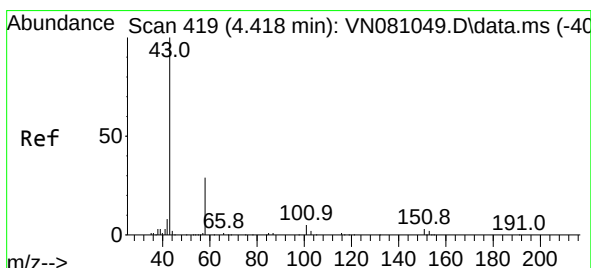
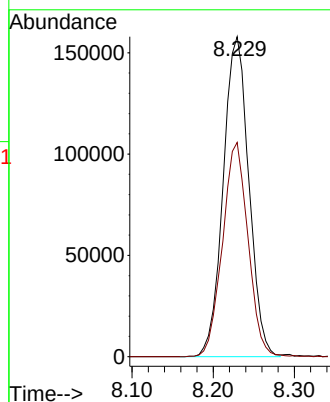
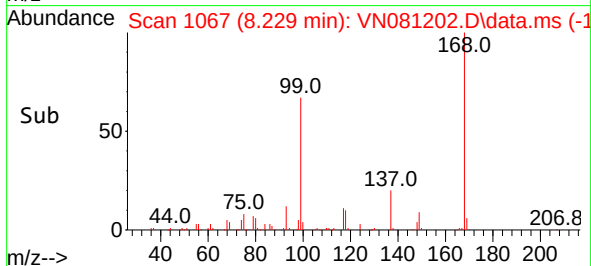
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20240221



Tgt Ion:168 Resp: 346580
Ion Ratio Lower Upper
168 100
99 66.9 59.9 89.9

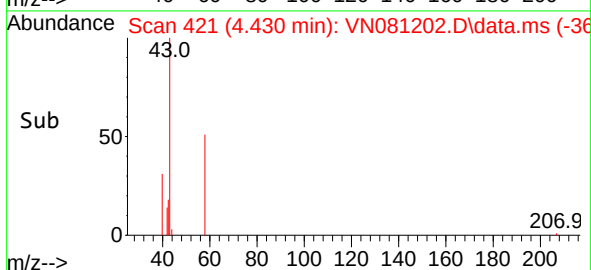
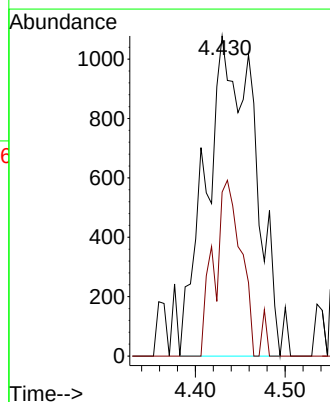
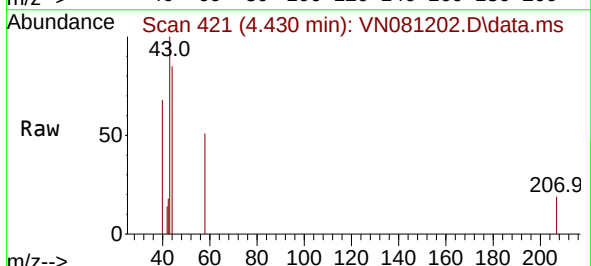
Manual Integrations
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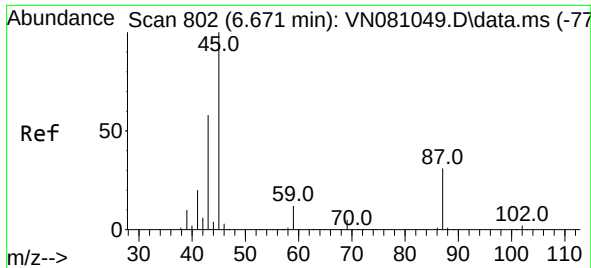
Reviewed By :John Carlone 02/27/2024
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#16
Acetone
Concen: 2.416 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04

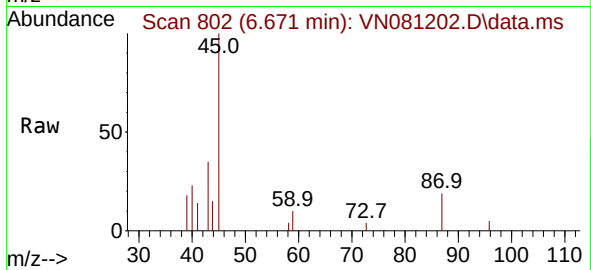
Tgt Ion: 43 Resp: 4038
Ion Ratio Lower Upper
43 100
58 51.2 24.8 37.2#





#22
Diisopropyl ether
Concen: 0.958 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04

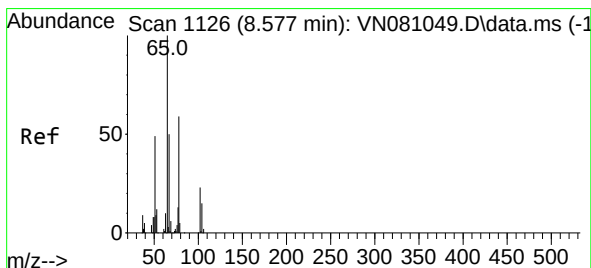
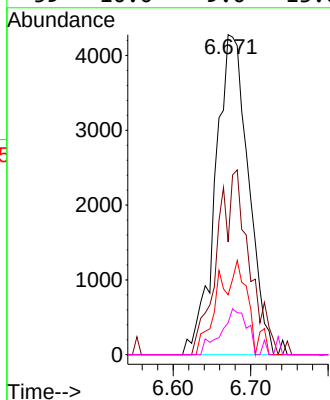
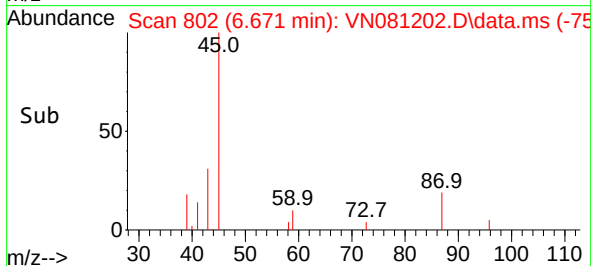
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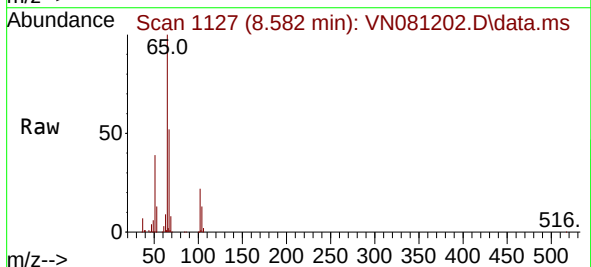
Tgt Ion: 45 Resp: 1263
Ion Ratio Lower Upper
45 100
43 35.2 41.8 62.8
87 18.7 18.1 27.1
59 10.0 9.0 13.6

Manual Integrations
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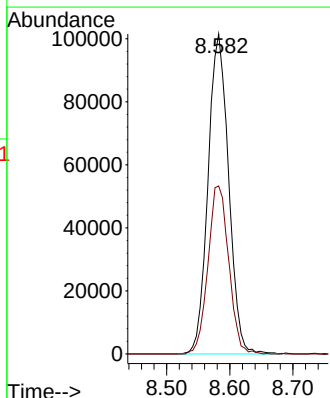
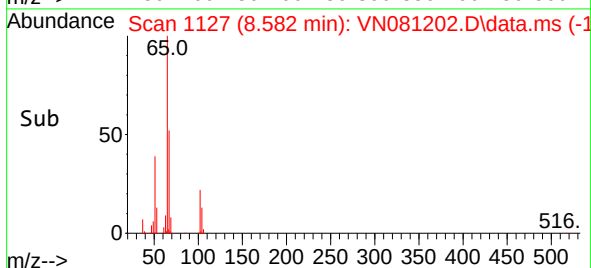
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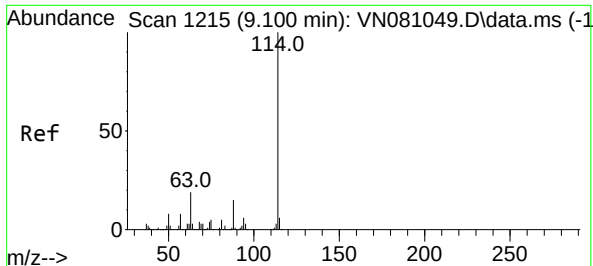


#33
1,2-Dichloroethane-d4
Concen: 54.085 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04



Tgt Ion: 65 Resp: 229761
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081202.D

Acq: 26 Feb 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01S-20240221

Tgt Ion:114 Resp: 638618

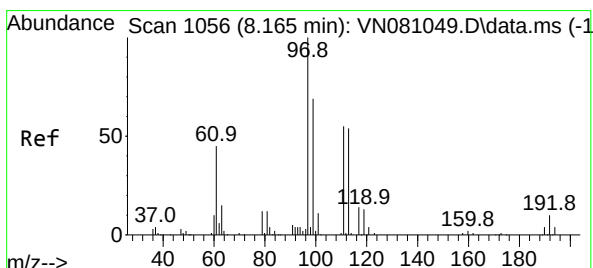
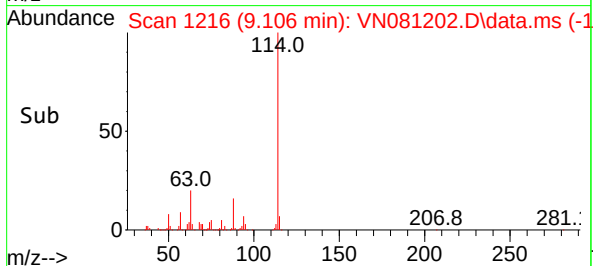
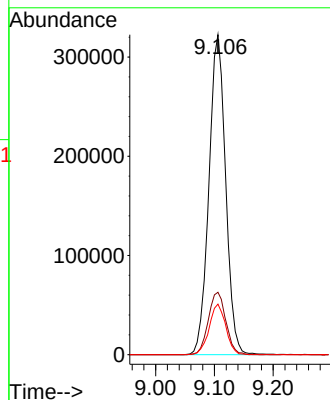
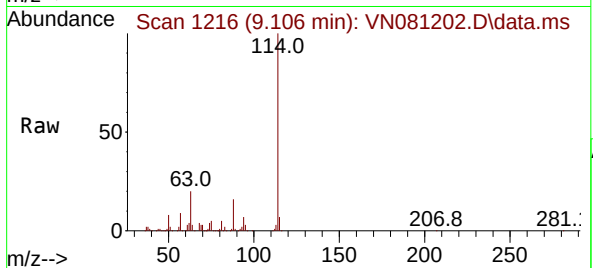
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	48.0
88	15.8	0.0	34.8

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#35

Dibromofluoromethane

Concen: 50.624 ug/l

RT: 8.171 min Scan# 1057

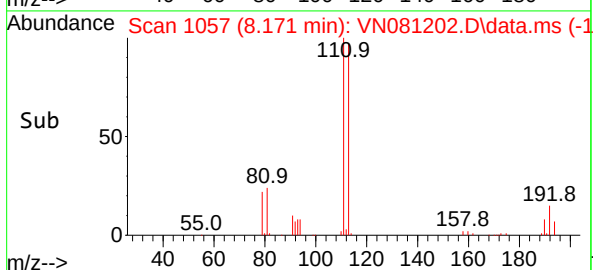
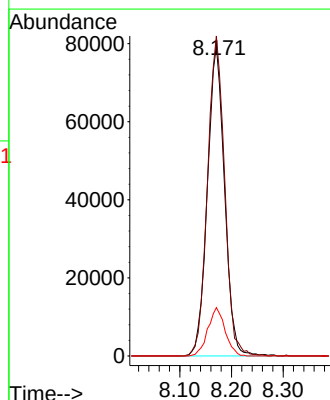
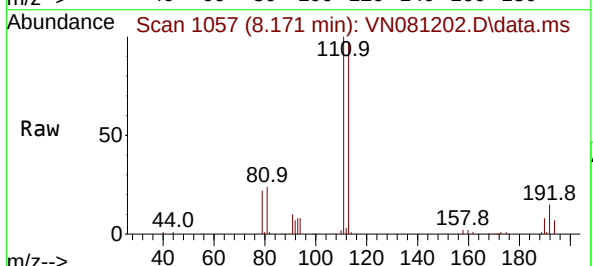
Delta R.T. 0.006 min

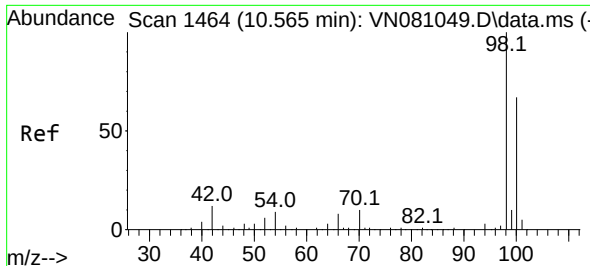
Lab File: VN081202.D

Acq: 26 Feb 2024 18:04

Tgt Ion:113 Resp: 182813

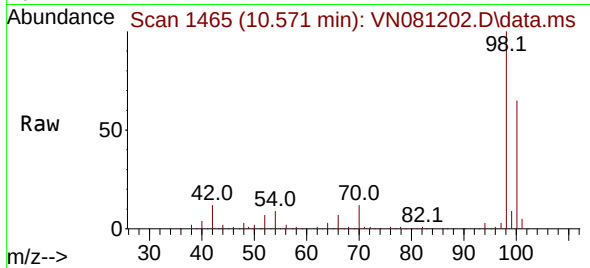
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	15.7	12.5	18.7





#50
Toluene-d8
Concen: 55.714 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04

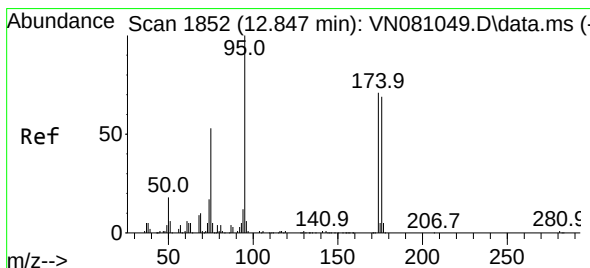
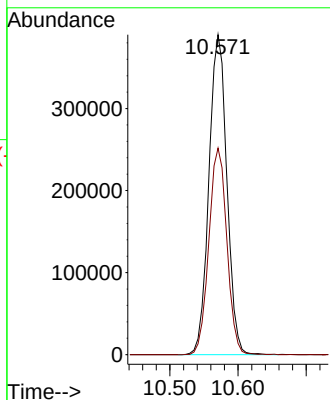
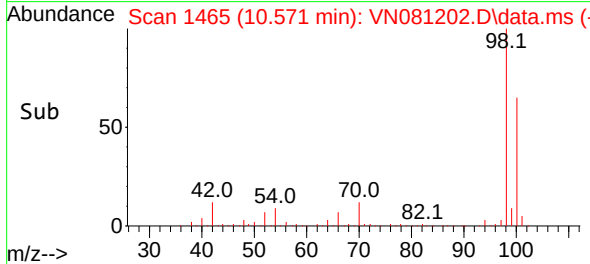
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Tgt Ion: 98 Resp: 71458
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

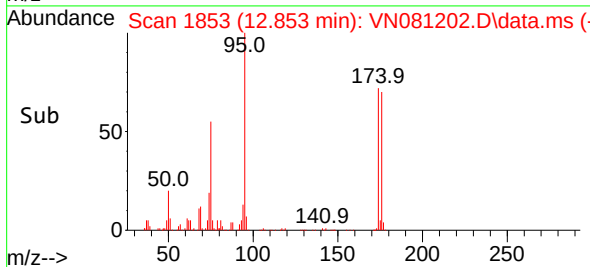
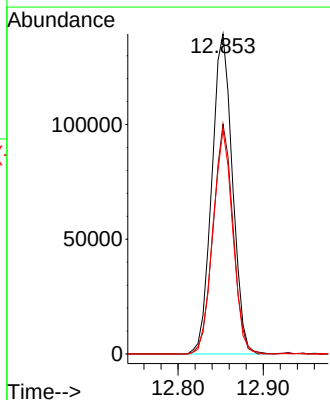
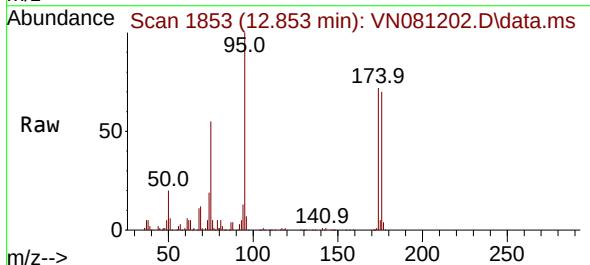
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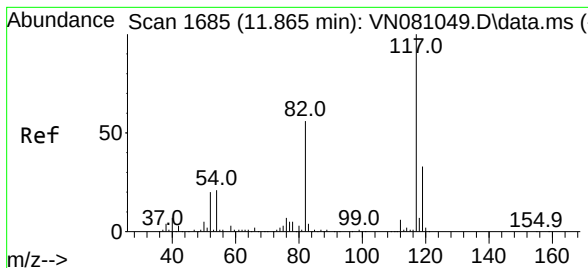
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#62
4-Bromofluorobenzene
Concen: 48.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081202.D
Acq: 26 Feb 2024 18:04

Tgt Ion: 95 Resp: 234701
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 67.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081202.D

Acq: 26 Feb 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

RW10A-MW01S-20240221

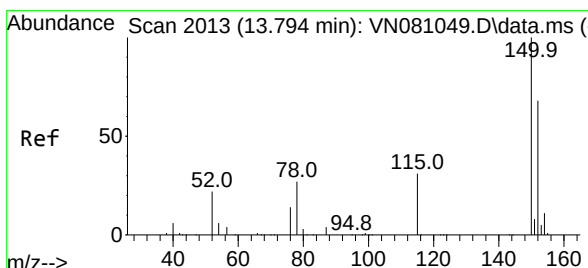
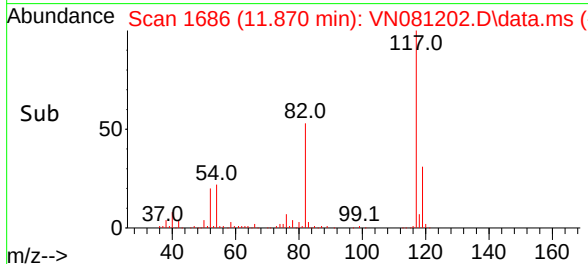
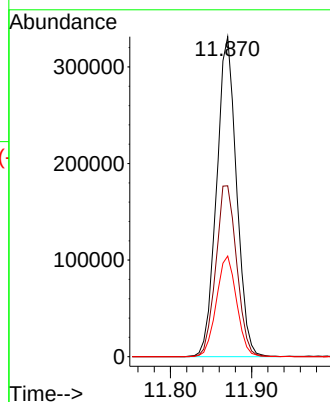
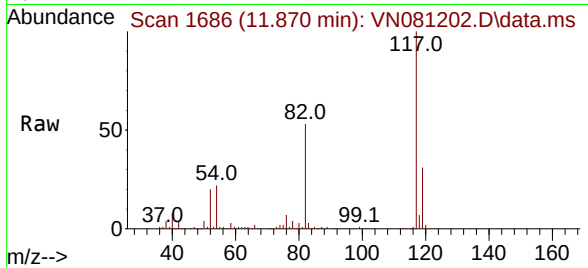
Tgt Ion:117	Resp: 564998
Ion Ratio	Lower Upper
117 100	
82 53.4	52.7 79.1
119 31.4	25.3 37.9

Manual Integrations

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Supervised By :Mahesh Dadoda 02/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081202.D

Acq: 26 Feb 2024 18:04

Tgt Ion:152	Resp: 231082
Ion Ratio	Lower Upper
152 100	
115 62.3	32.3 96.8
150 152.1	0.0 339.8

