

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083837.D
 Acq On : 12 Sep 2024 17:29
 Operator : JC\MD
 Sample : PB163310ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163310ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:21:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	92956	51.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.165	113	72998	44.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.940%			
50) Toluene-d8	10.565	98	269832	48.088	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.847	95	131618	56.853	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.700%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	13545	18.779	ug/l	91
18) Methyl Acetate	5.024	43	6108	2.294	ug/l	91
20) Methylene Chloride	5.271	84	4343	2.942	ug/l	92
43) Isopropyl Acetate	8.688	43	212669m	52.922	ug/l	

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

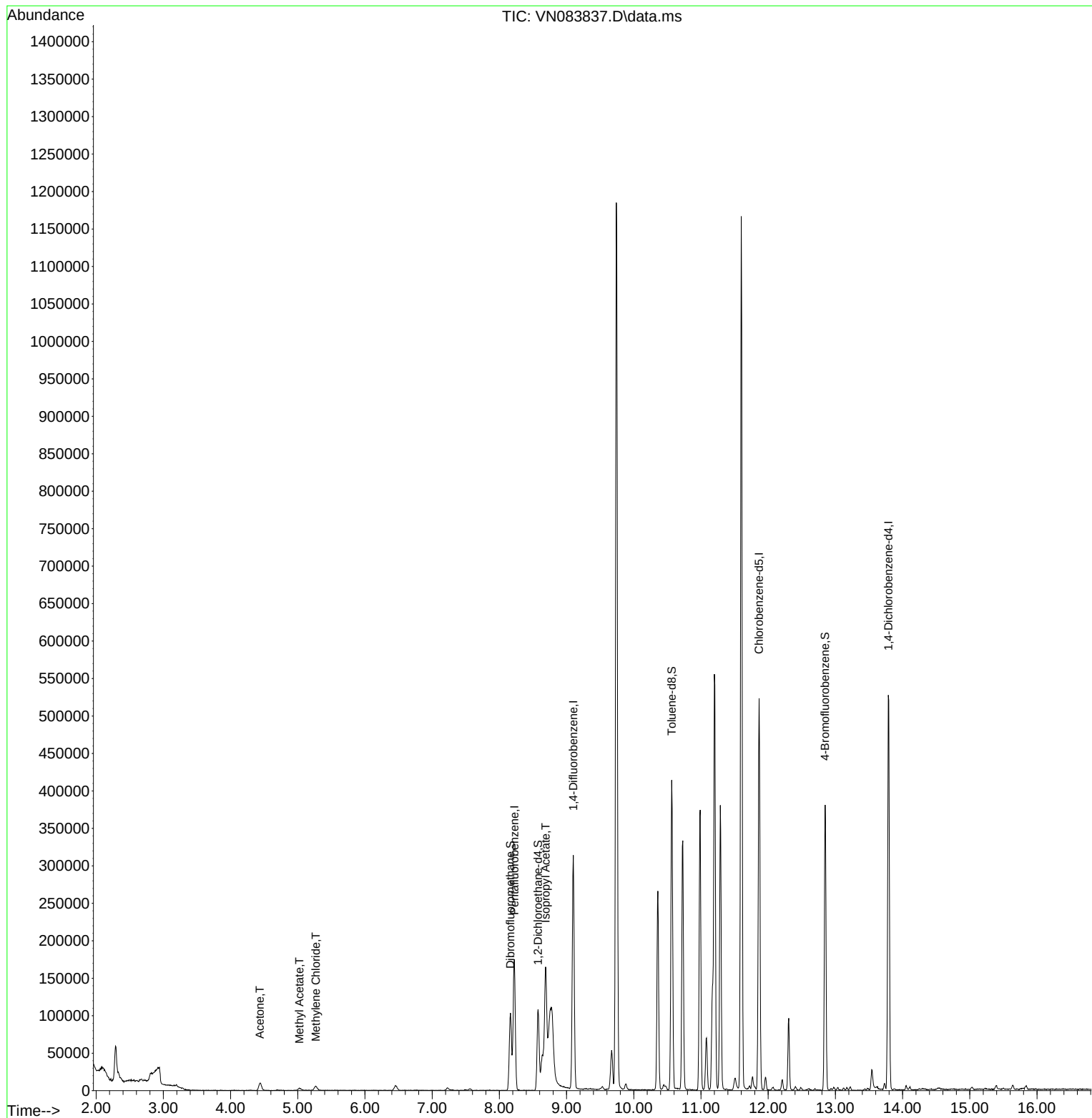
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083837.D
Acq On : 12 Sep 2024 17:29
Operator : JC\MD
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ALS Vial : 21 Sample Multiplier: 1

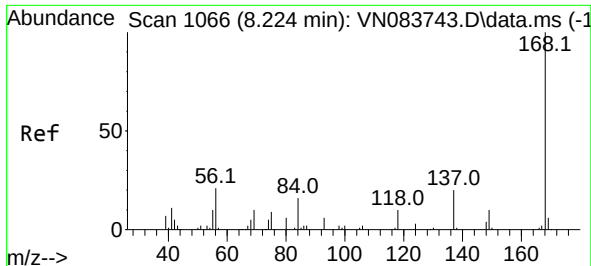
Instrument :
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ClientSampleId :
PB163310ZHE#01

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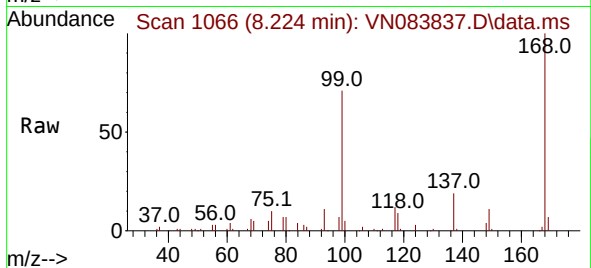
Quant Time: Sep 13 00:21:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

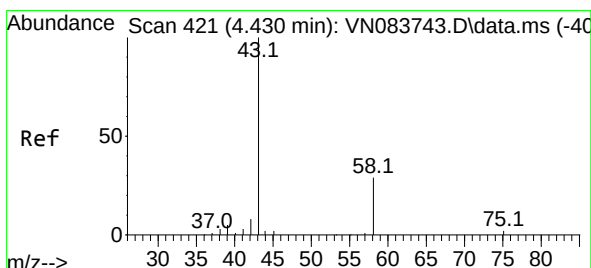
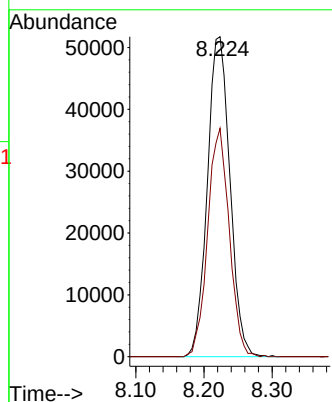
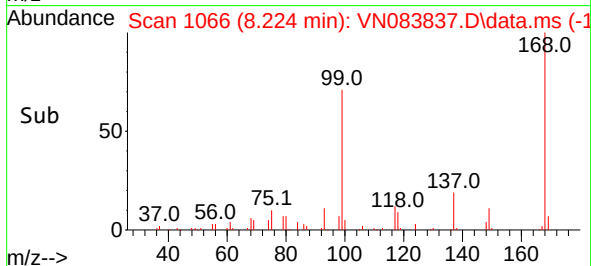
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#01



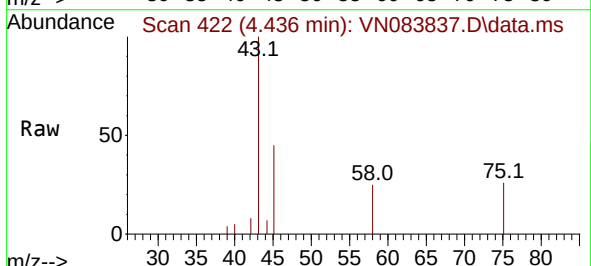
Tgt Ion:168 Resp: 119328
Ion Ratio Lower Upper
168 100
99 71.4 54.2 81.2

Manual Integrations
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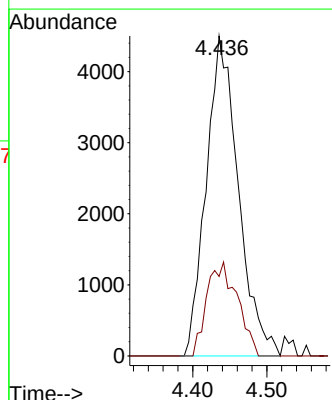
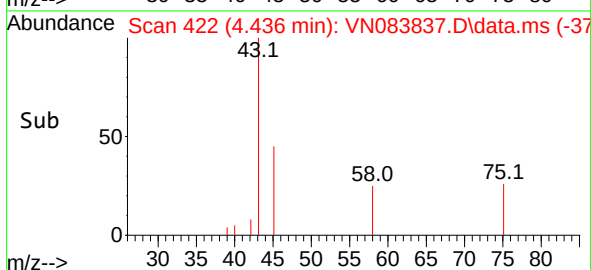
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

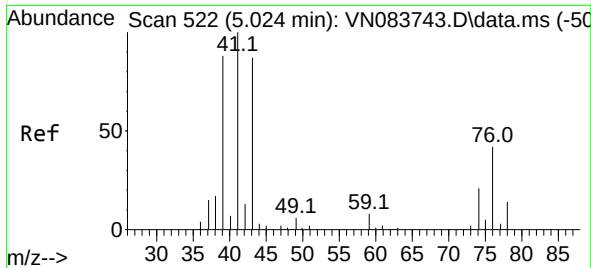


#16
Acetone
Concen: 18.779 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29



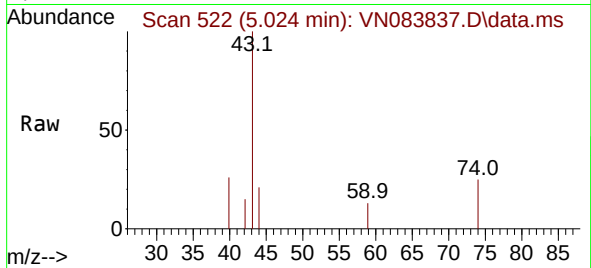
Tgt Ion: 43 Resp: 13545
Ion Ratio Lower Upper
43 100
58 24.9 23.7 35.5





#18
Methyl Acetate
Concen: 2.294 ug/l
RT: 5.024 min Scan# 518
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

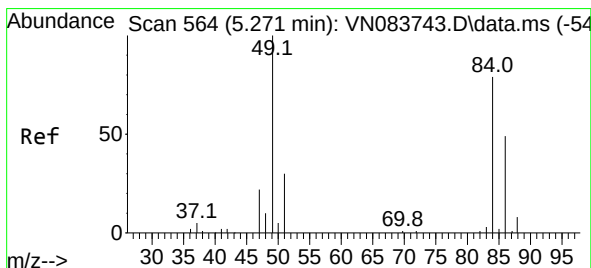
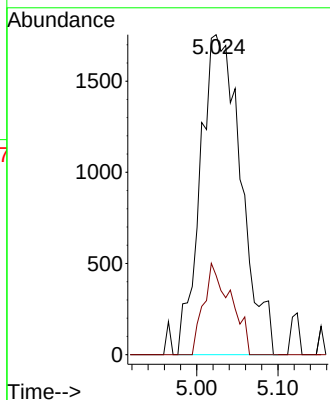
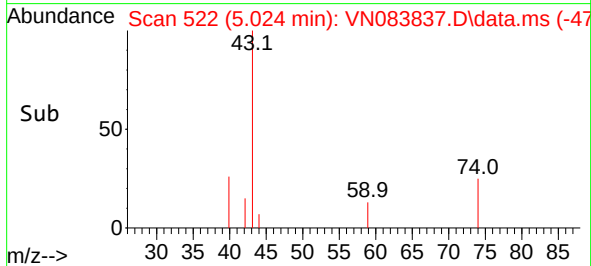
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#01



Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.4

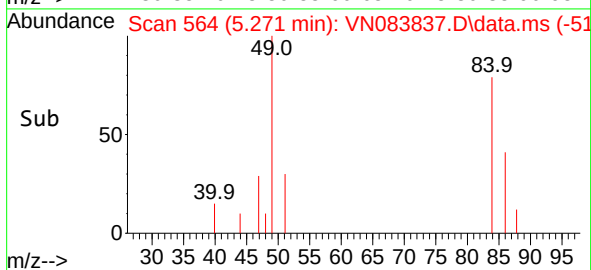
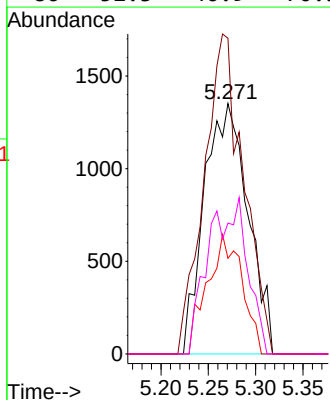
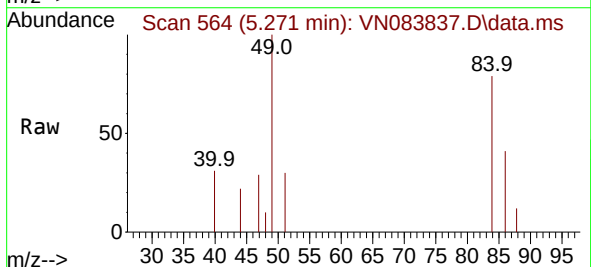
Manual Integrations
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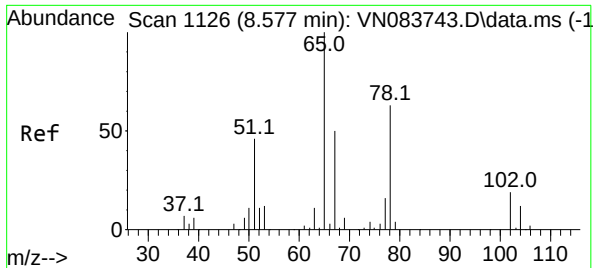
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 2.942 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

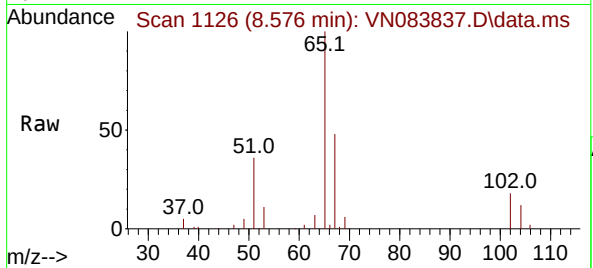
Tgt Ion: 84 Resp: 4343
Ion Ratio Lower Upper
84 100
49 126.1 93.4 140.0
51 38.2 29.2 43.8
86 52.3 46.9 70.3





#33
1,2-Dichloroethane-d4
Concen: 51.662 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

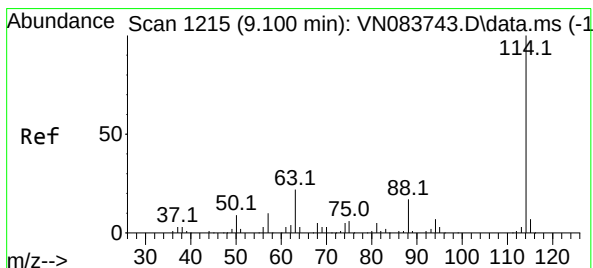
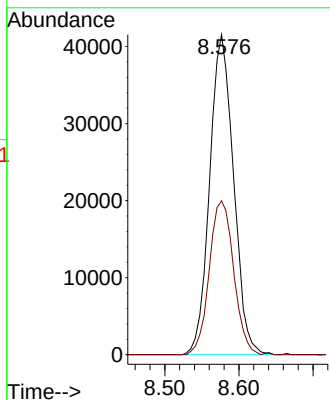
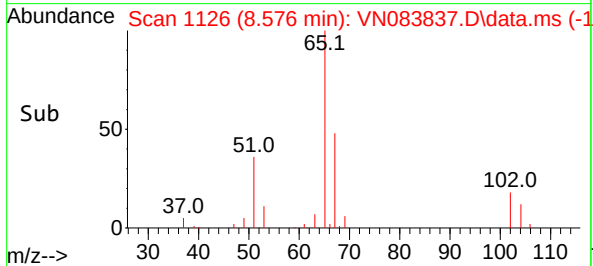
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#01



Tgt Ion: 65 Resp: 92950
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.8

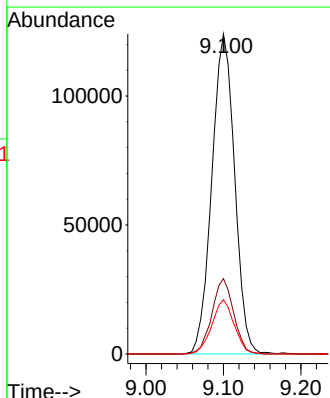
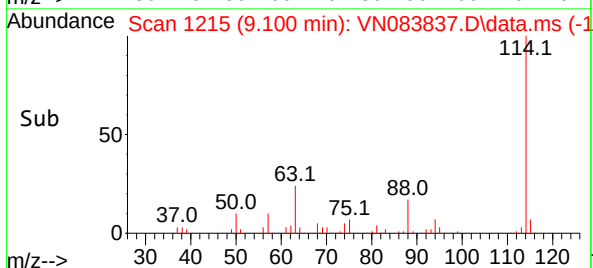
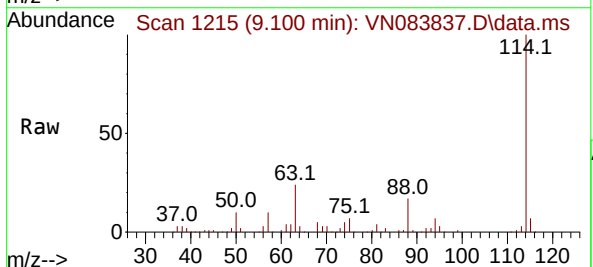
Manual Integrations
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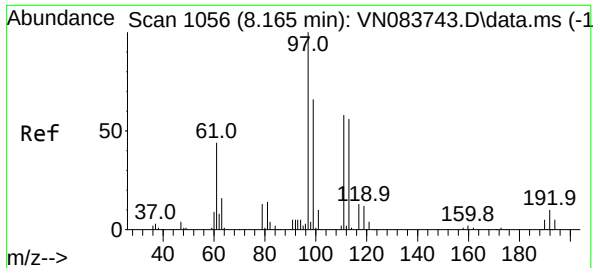
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

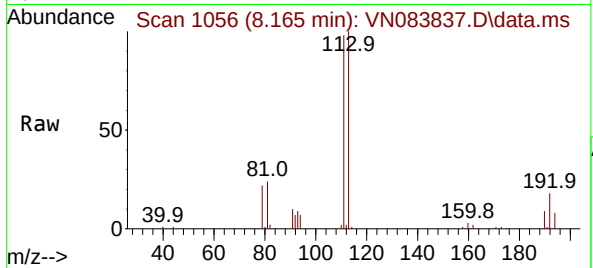
Tgt Ion:114 Resp: 253540
Ion Ratio Lower Upper
114 100
63 23.6 0.0 43.4
88 16.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 44.974 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

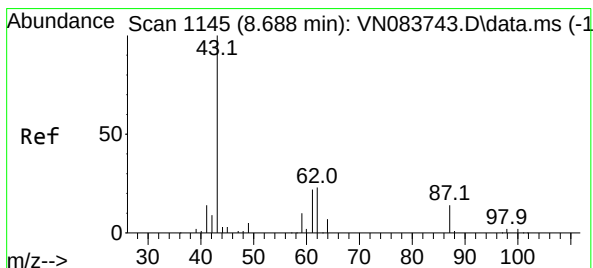
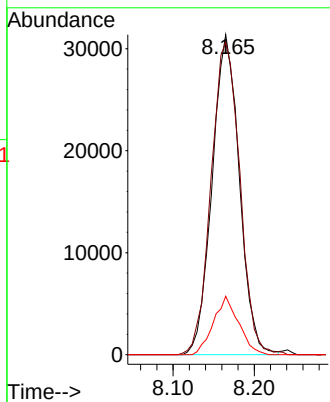
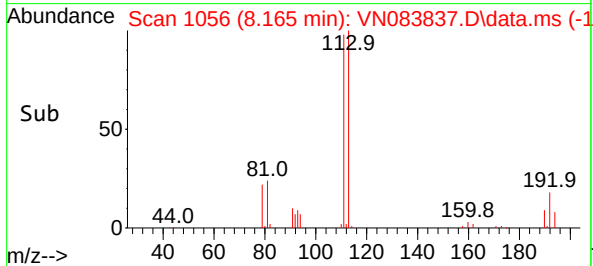
Instrument :
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ClientSampleId :
PB163310ZHE#01



Tgt Ion: 113 Resp: 72998
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 16.9 14.3 21.5

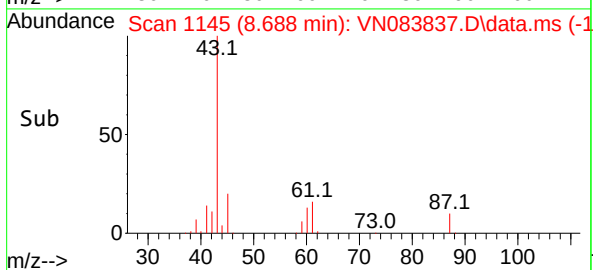
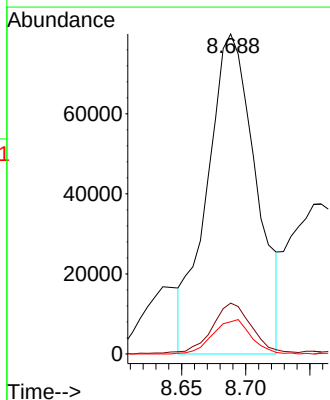
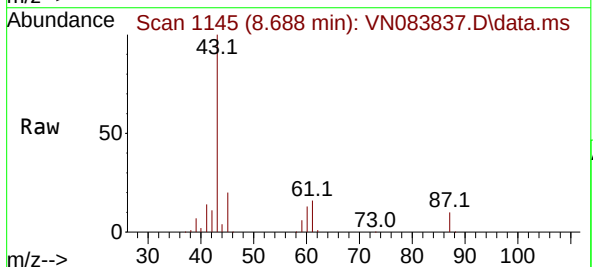
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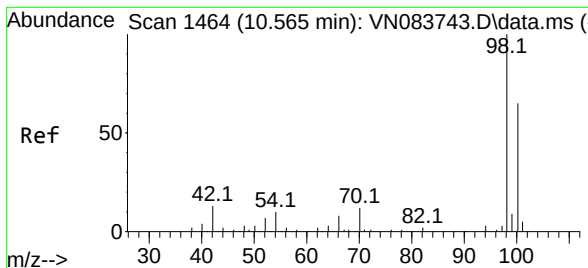
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#43
Isopropyl Acetate
Concen: 52.922 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

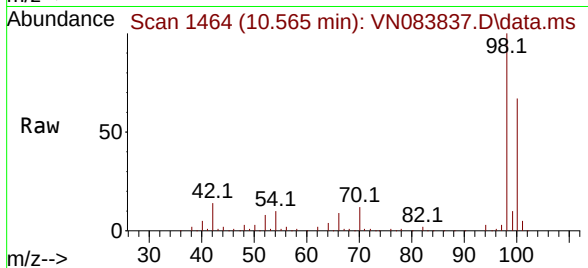
Tgt Ion: 43 Resp: 212669
Ion Ratio Lower Upper
43 100
61 13.1 19.4 29.0#
87 8.4 9.8 14.6#





#50
Toluene-d8
Concen: 48.088 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

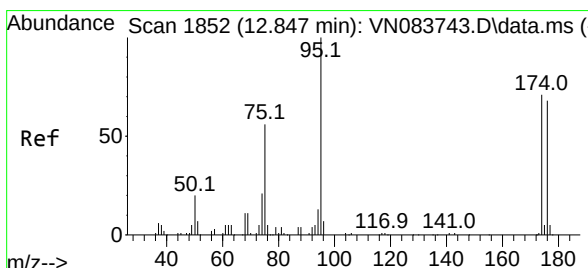
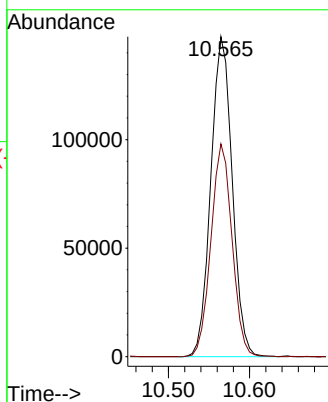
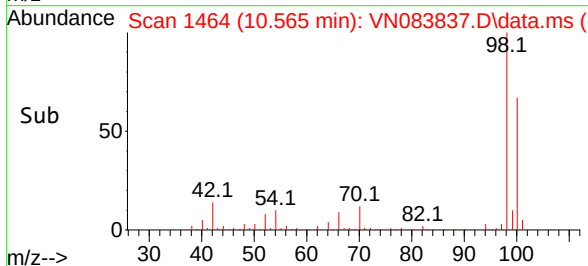
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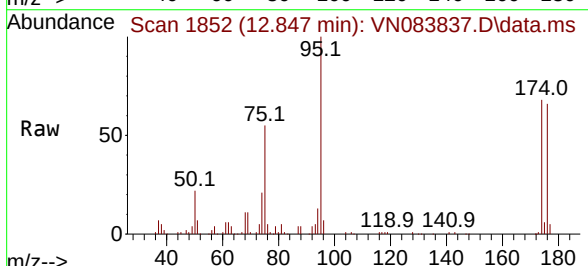
Tgt Ion: 98 Resp: 269832
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

Manual Integrations
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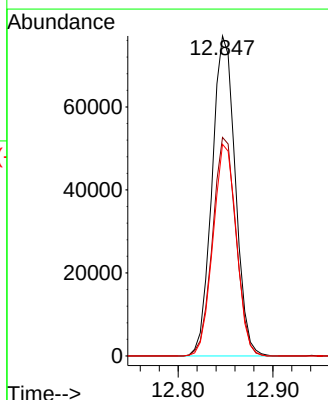
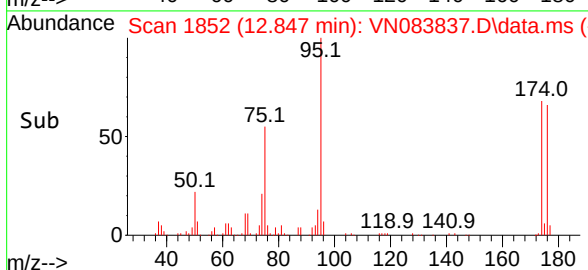
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

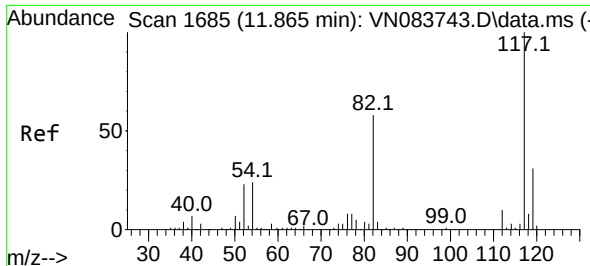


#62
4-Bromofluorobenzene
Concen: 56.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29



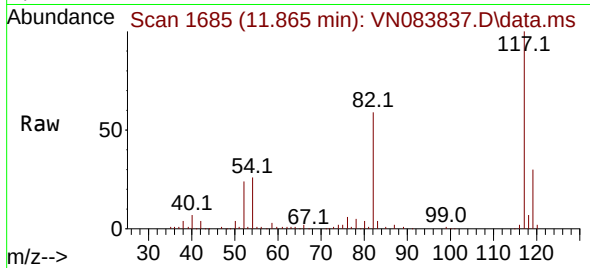
Tgt Ion: 95 Resp: 131618
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.8
176 66.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29

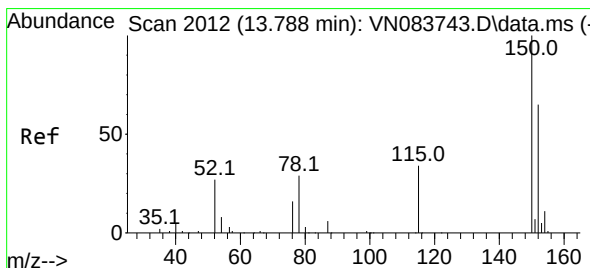
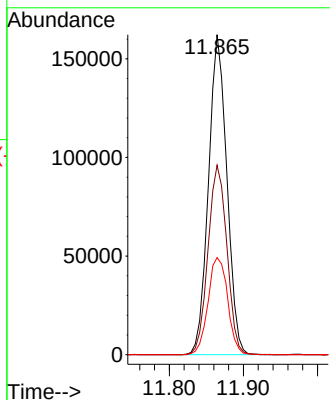
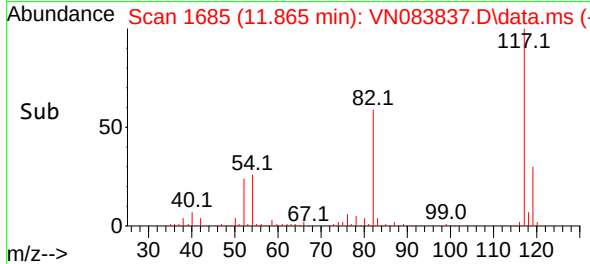
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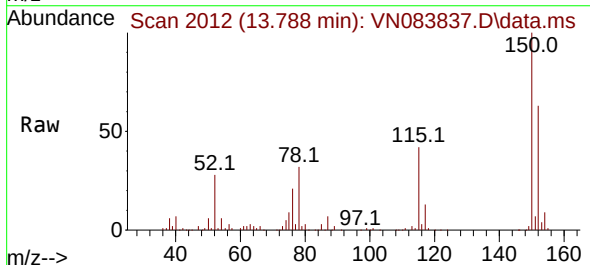
Tgt Ion:117 Resp: 279369
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 30.4 26.3 39.5

Manual Integrations
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Supervised By :Mahesh Dadoda 09/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083837.D
Acq: 12 Sep 2024 17:29



Tgt Ion:152 Resp: 135969
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 157.6 0.0 348.6

