

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081074.D
 Acq On : 19 Feb 2024 14:31
 Operator : JC\MD
 Sample : PB159057ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:22:11 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	8.224	168	414366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	777285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	688385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	293996	57.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.780%			
35) Dibromofluoromethane	8.165	113	232678	52.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	10.571	98	899320	57.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.220%#			
62) 4-Bromofluorobenzene	12.847	95	300889	51.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	51989	26.015	ug/l	99
18) Methyl Acetate	5.036	43	5279m	1.083	ug/l	
20) Methylene Chloride	5.271	84	25806	4.139	ug/l #	84
37) Ethyl Acetate	7.565	43	8225	1.210	ug/l	98
43) Isopropyl Acetate	8.688	43	397174	33.416	ug/l #	85

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

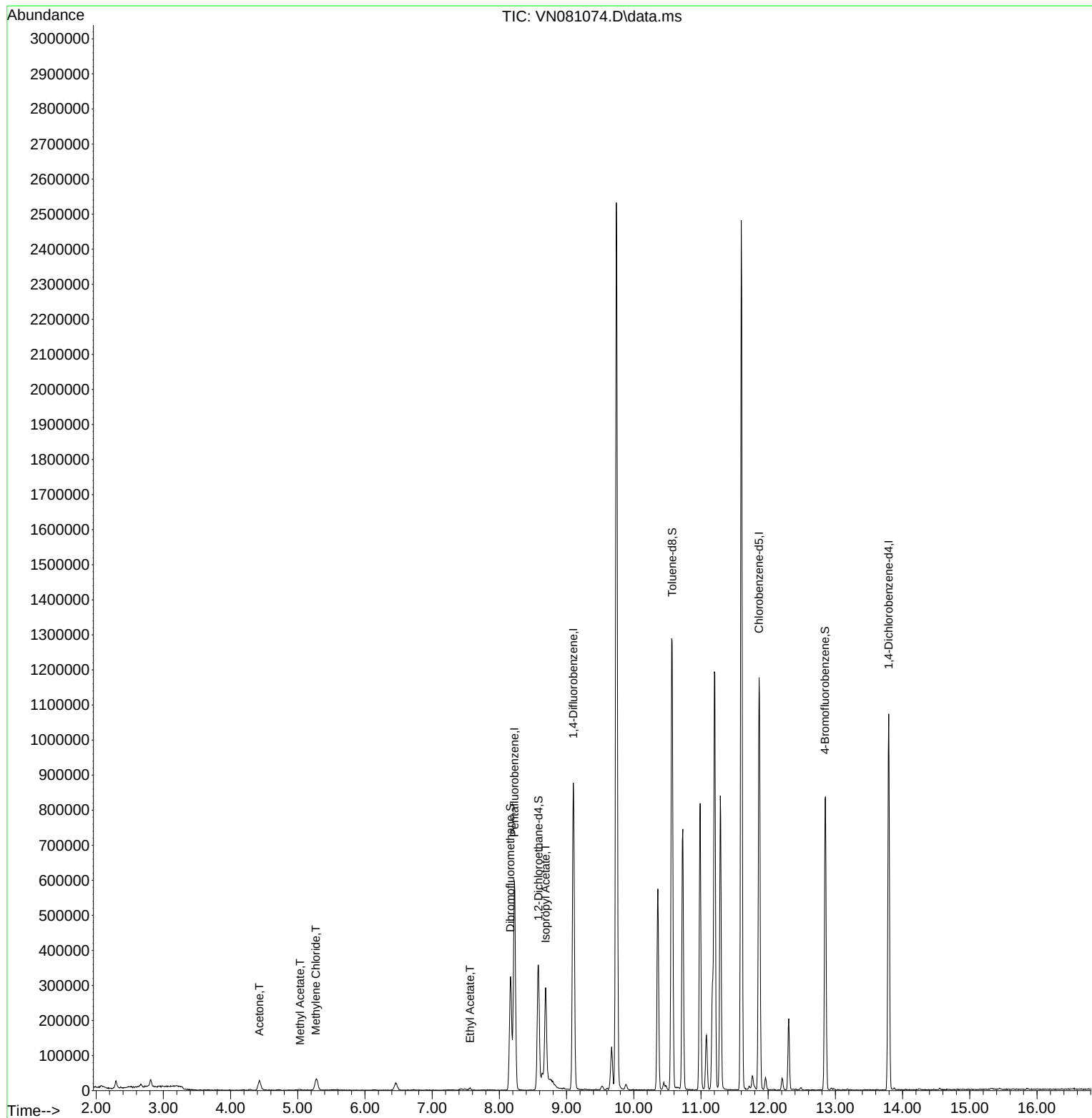
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
Data File : VN081074.D
Acq On : 19 Feb 2024 14:31
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ALS Vial : 1 Sample Multiplier: 1

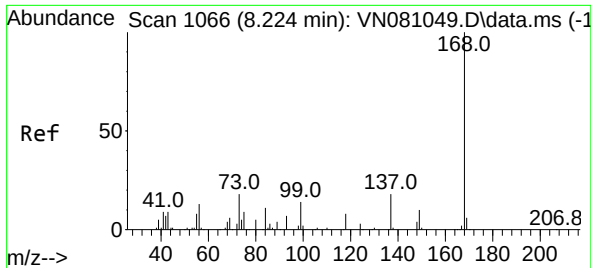
Instrument :
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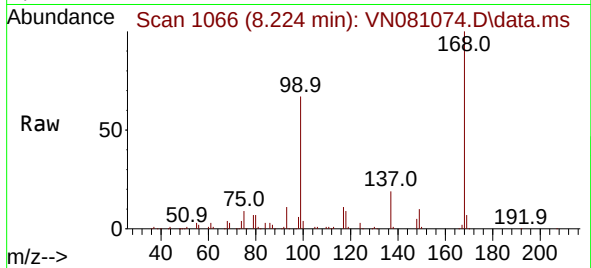
Quant Time: Feb 20 00:22:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

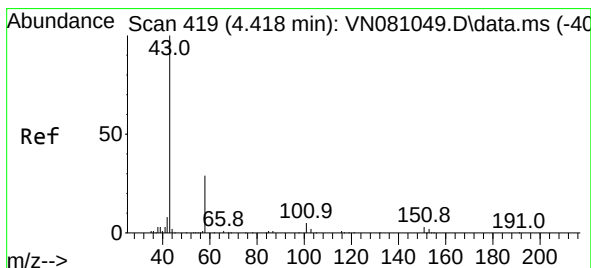
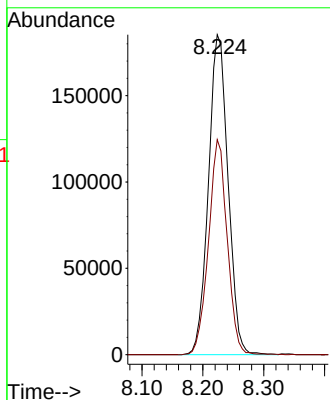
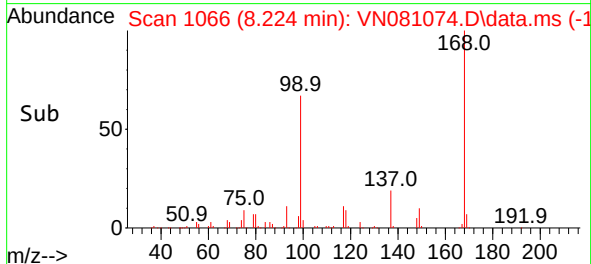
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#02



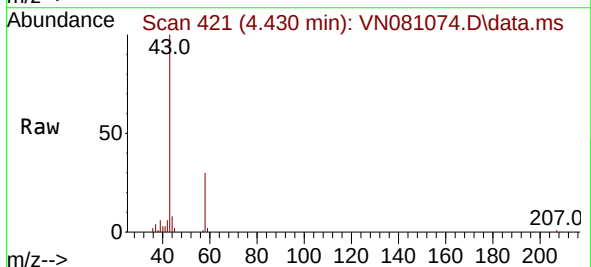
Tgt Ion:168 Resp: 414360
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9

Manual Integrations
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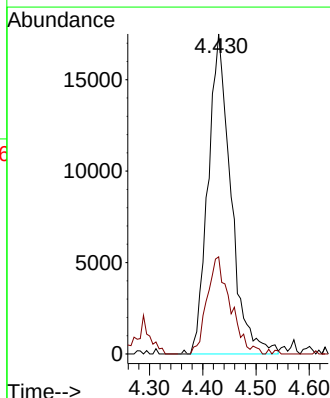
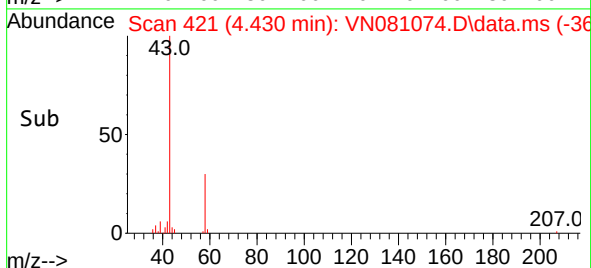
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

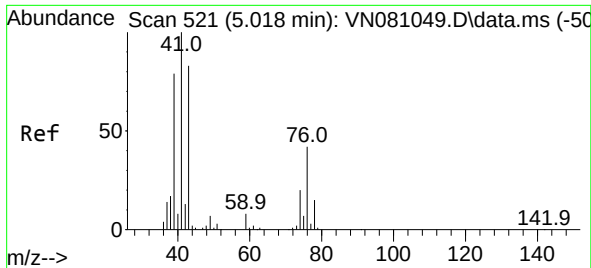


#16
Acetone
Concen: 26.015 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31



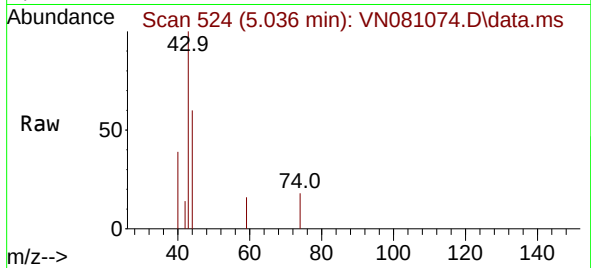
Tgt Ion: 43 Resp: 51989
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2





#18
Methyl Acetate
Concen: 1.083 ug/l m
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

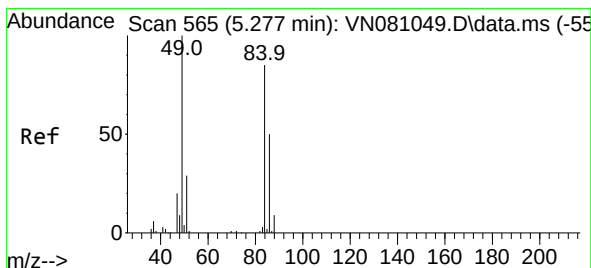
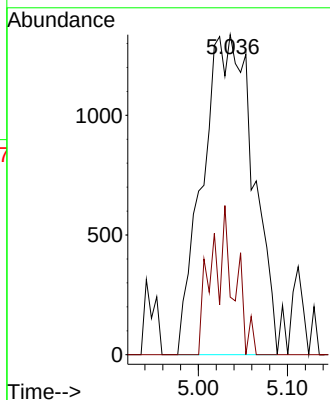
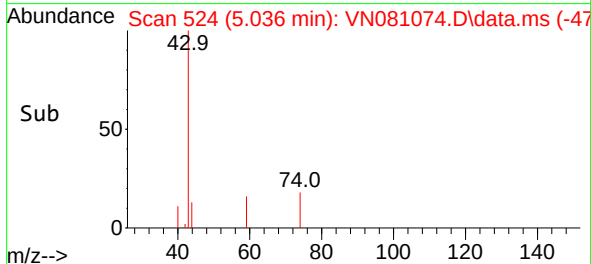
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#02



Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
74 9.2 17.3 25.9

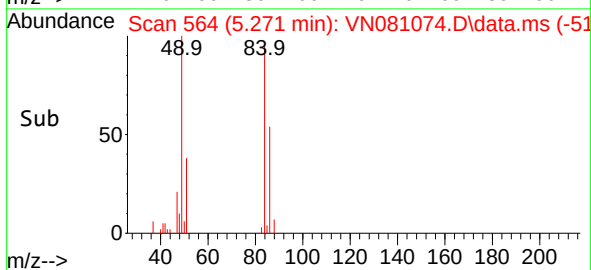
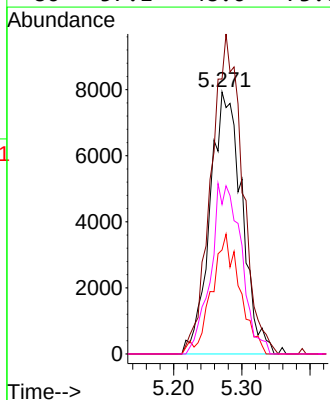
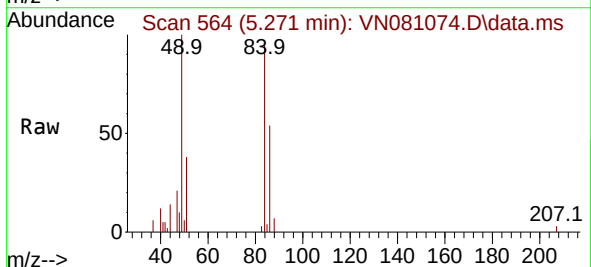
Manual Integrations
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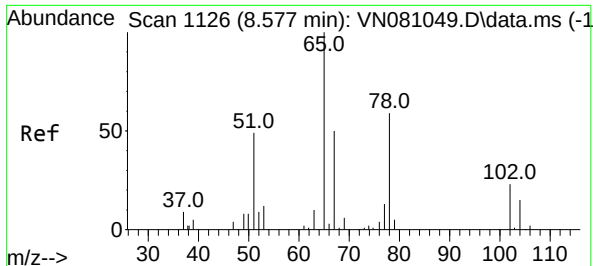
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 4.139 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

Tgt Ion: 84 Resp: 25806
Ion Ratio Lower Upper
84 100
49 105.0 108.1 162.1#
51 39.7 32.9 49.3
86 57.1 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 57.885 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081074.D

Acq: 19 Feb 2024 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB159057ZHE#02

Tgt Ion: 65 Resp: 293990

Ion Ratio Lower Upper

65 100

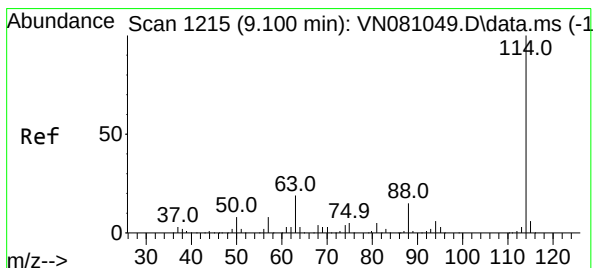
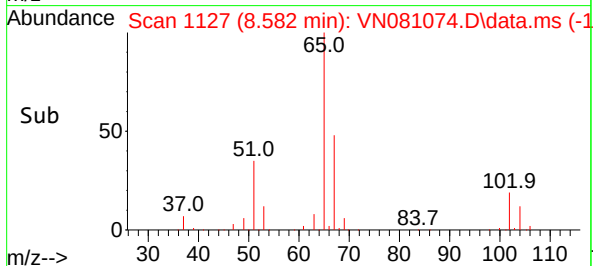
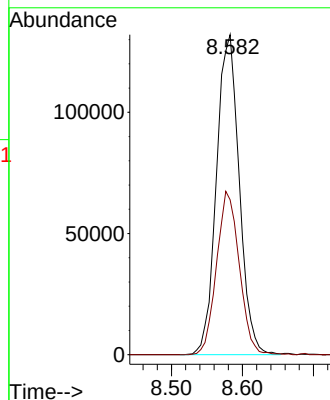
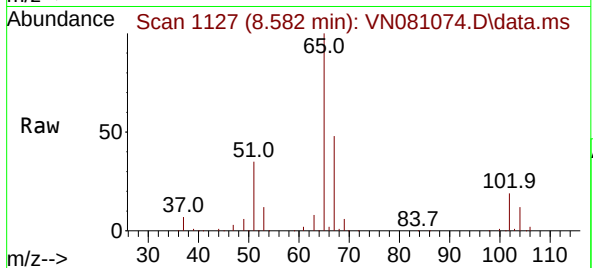
67 50.9 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081074.D

Acq: 19 Feb 2024 14:31

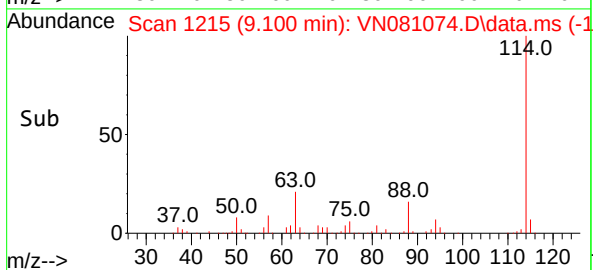
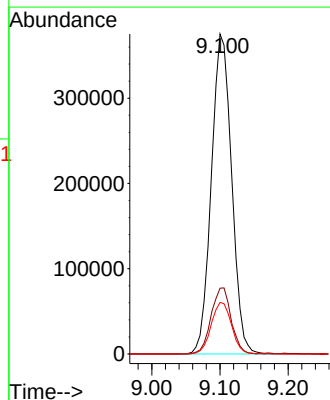
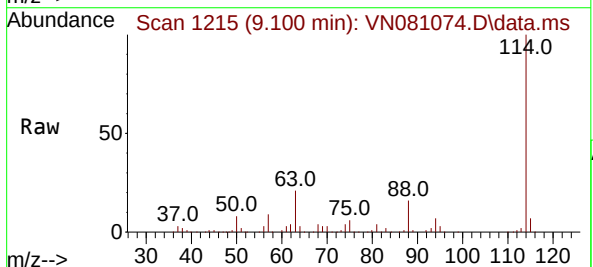
Tgt Ion:114 Resp: 777285

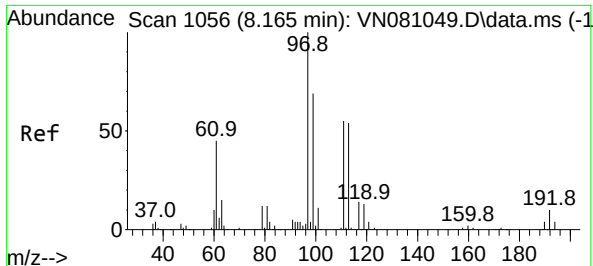
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

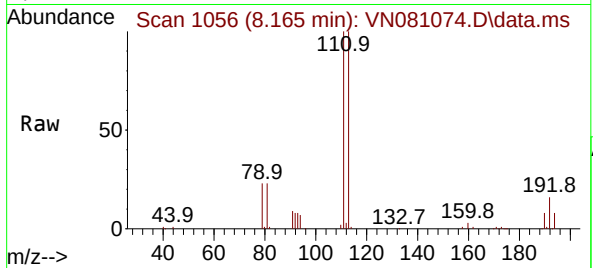
88 16.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.938 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

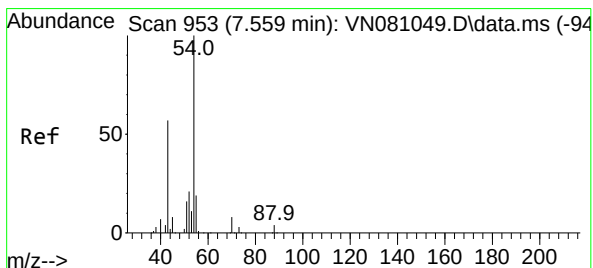
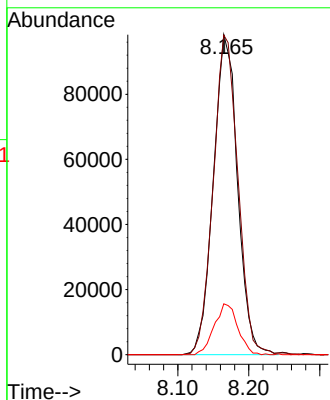
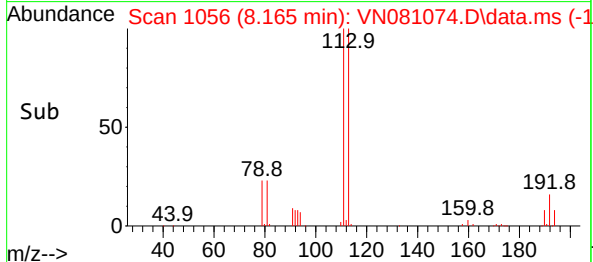
Instrument :
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PB159057ZHE#02



Tgt Ion:113 Resp: 232678
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 15.4 12.5 18.7

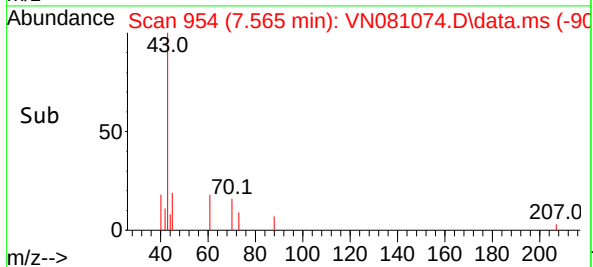
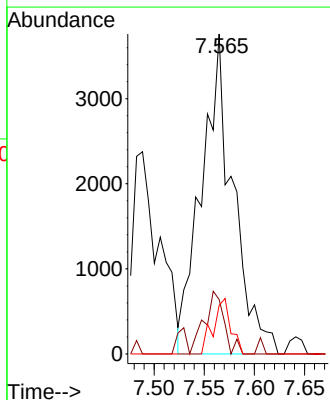
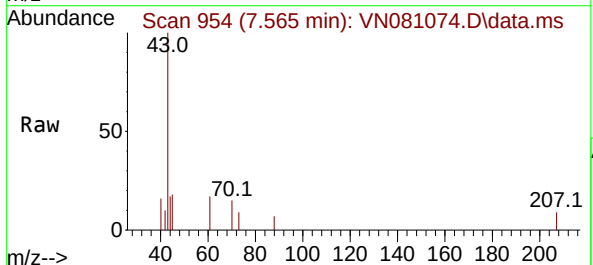
Manual Integrations
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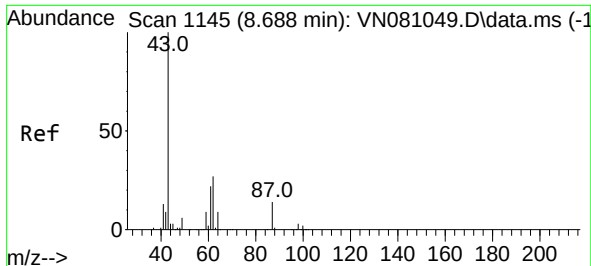
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#37
Ethyl Acetate
Concen: 1.210 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

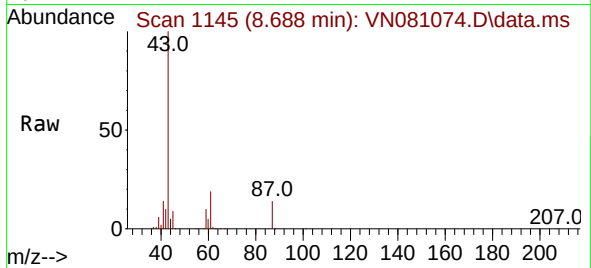
Tgt Ion: 43 Resp: 8225
Ion Ratio Lower Upper
43 100
61 12.2 10.6 15.8
70 9.6 8.0 12.0





#43
Isopropyl Acetate
Concen: 33.416 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

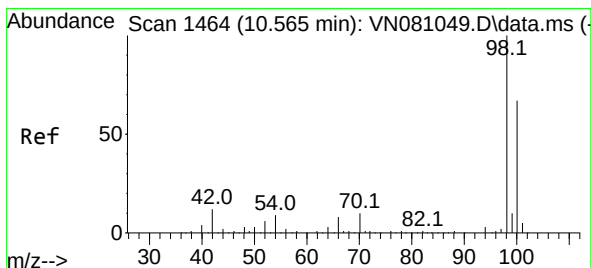
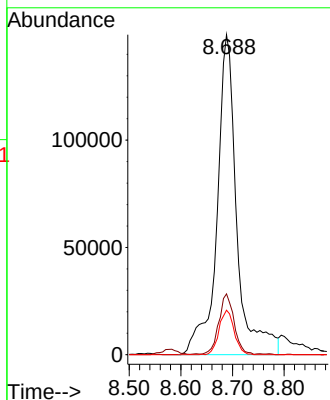
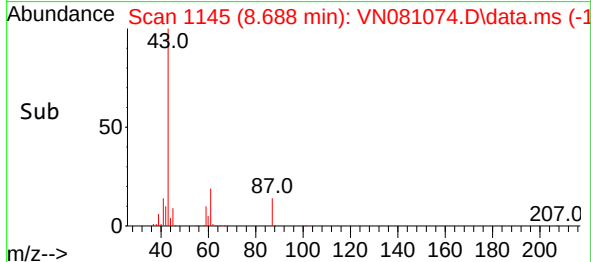
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MSVOA_N
ClientSampleId :
PB159057ZHE#02



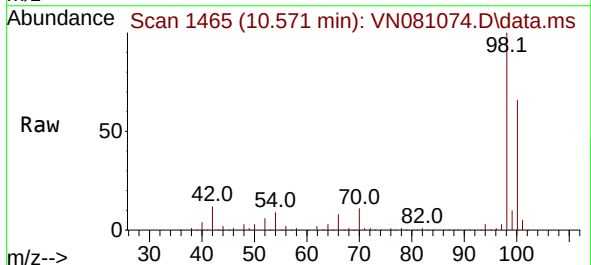
Tgt Ion: 43 Resp: 397174
Ion Ratio Lower Upper
43 100
61 14.5 19.9 29.9
87 10.6 9.0 13.6

Manual Integrations
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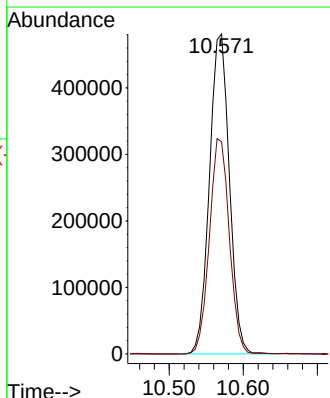
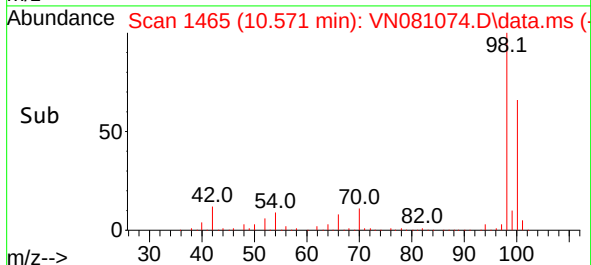
Reviewed By :John Carlone 02/20/2024
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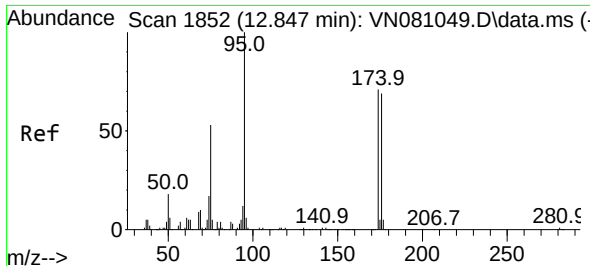


#50
Toluene-d8
Concen: 57.608 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31



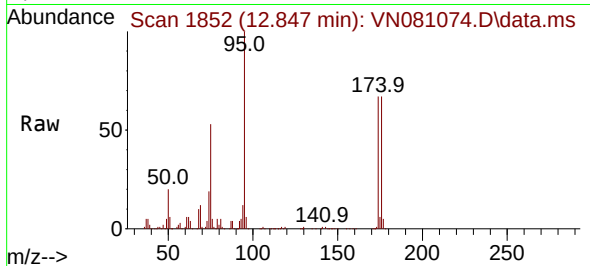
Tgt Ion: 98 Resp: 899320
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 51.295 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

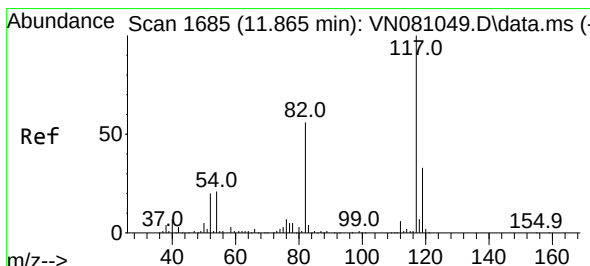
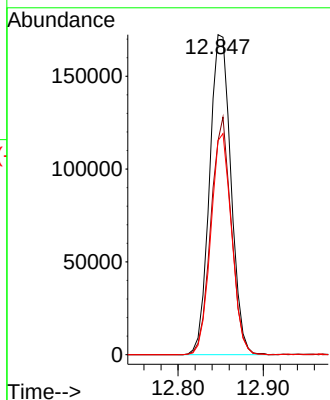
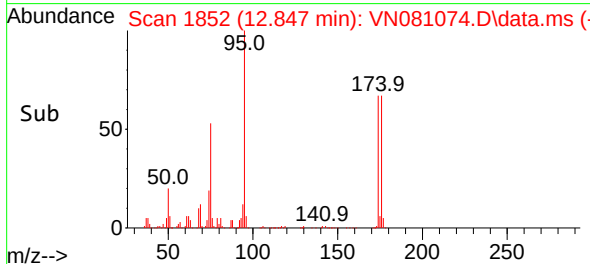
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PB159057ZHE#02



Tgt Ion: 95 Resp: 300889
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 67.3 0.0 121.0

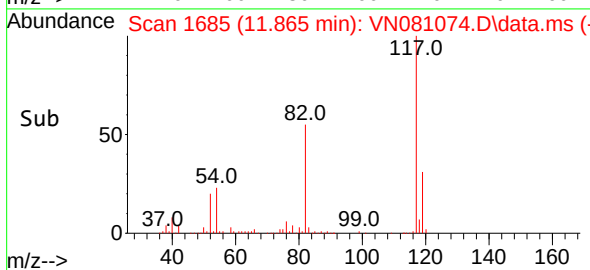
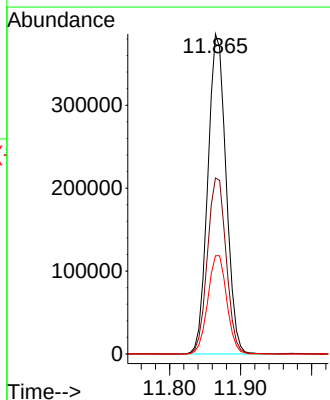
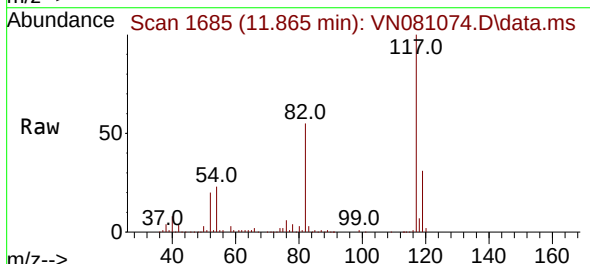
Manual Integrations
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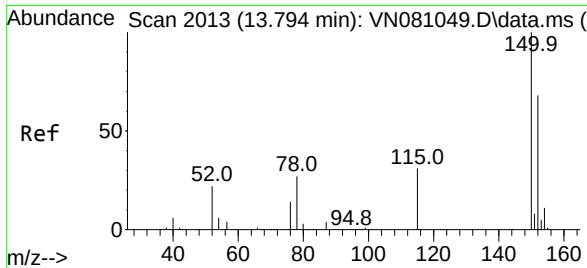
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081074.D
Acq: 19 Feb 2024 14:31

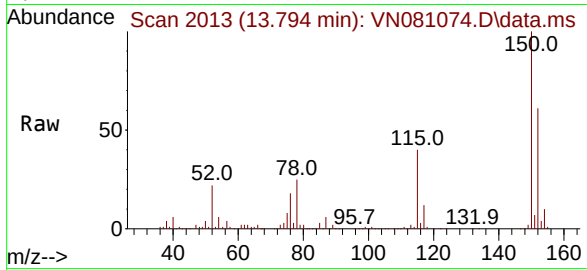
Tgt Ion:117 Resp: 688385
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 30.7 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081074.D
 Acq: 19 Feb 2024 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#02



Tgt Ion:152 Resp: 27570
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 160.8 0.0 339.8

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