

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081077.D
 Acq On : 19 Feb 2024 15:42
 Operator : JC\MD
 Sample : PB159057ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: Feb 20 00:23:24 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	400585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	767269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	675286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	272940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	292063	59.483	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.960%			
35) Dibromofluoromethane	8.171	113	234398	54.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	10.571	98	905356	58.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 117.500%#			
62) 4-Bromofluorobenzene	12.847	95	303846	52.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.960%			
Target Compounds						
16) Acetone	4.436	43	52017	26.924	ug/l	96
18) Methyl Acetate	5.030	43	5288	1.122	ug/l #	85
20) Methylene Chloride	5.277	84	72616	13.857	ug/l	89
37) Ethyl Acetate	7.559	43	7882m	1.175	ug/l	
43) Isopropyl Acetate	8.694	43	355181	30.273	ug/l #	88

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

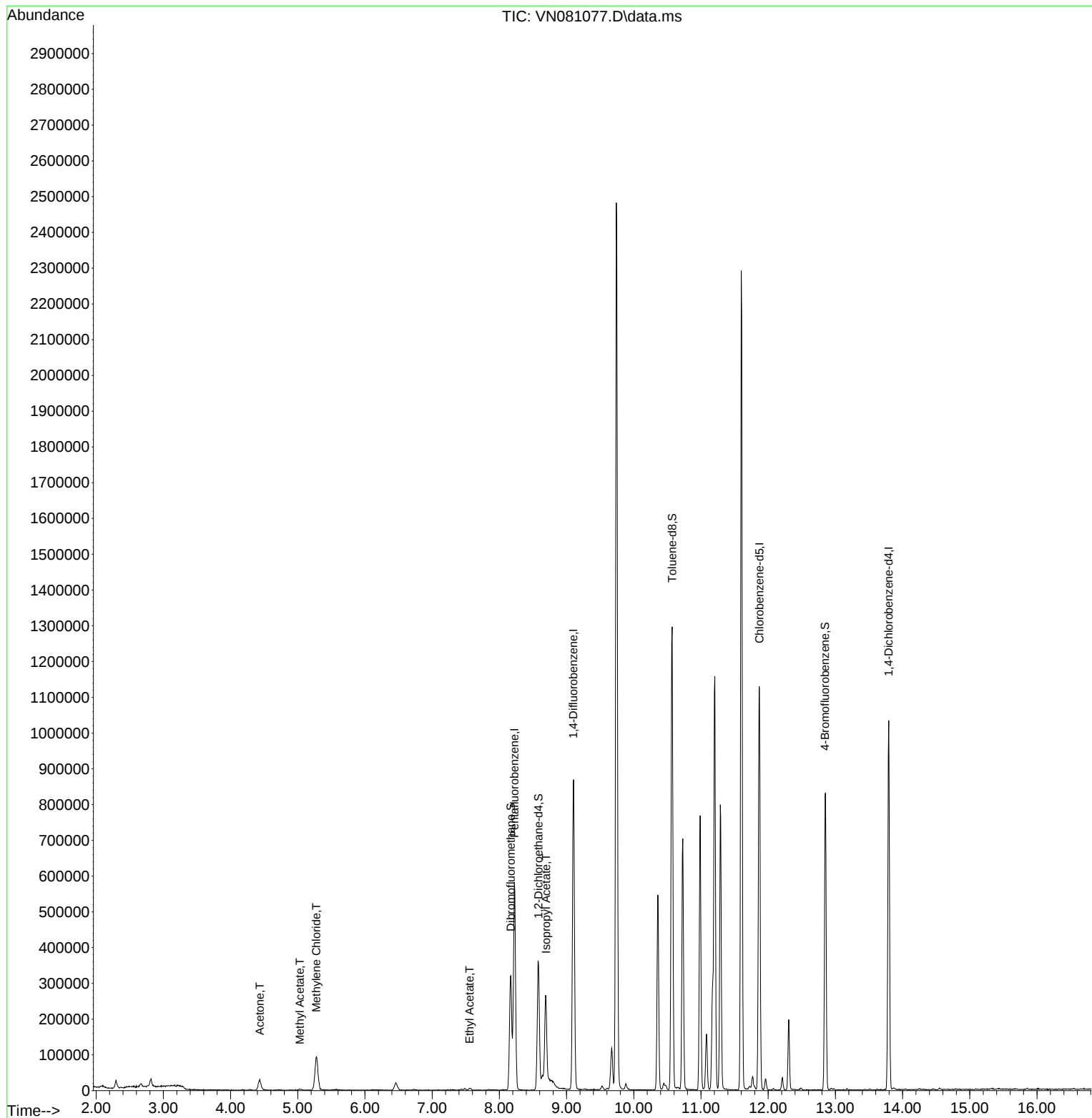
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
Data File : VN081077.D
Acq On : 19 Feb 2024 15:42
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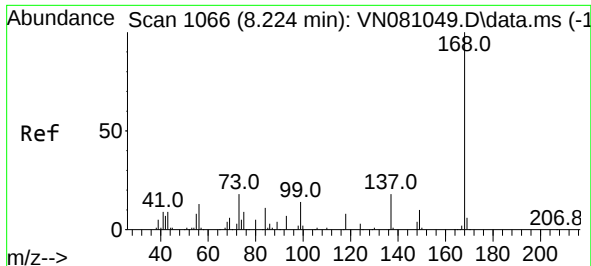
Instrument :
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PB159057ZHE#05

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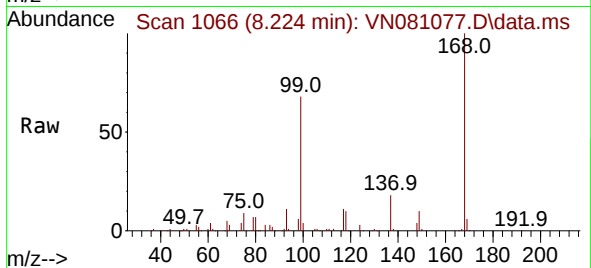
Quant Time: Feb 20 00:23:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

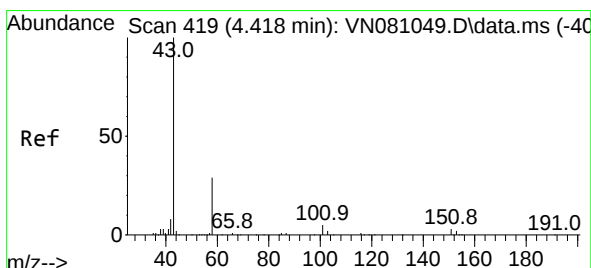
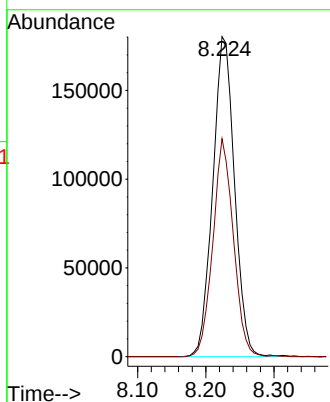
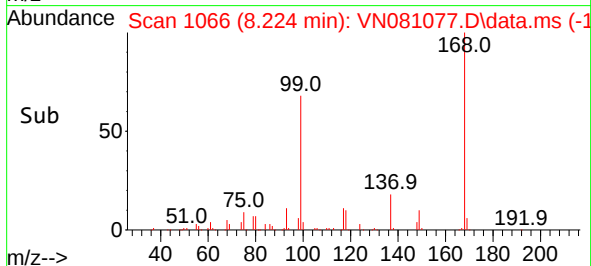
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#05



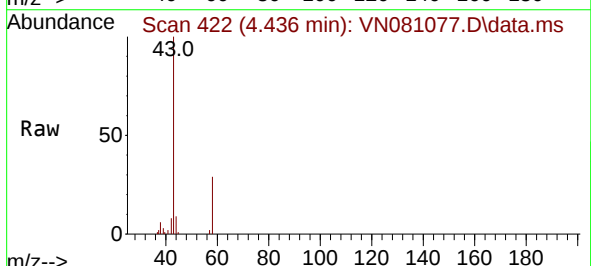
Tgt Ion:168 Resp: 400589
Ion Ratio Lower Upper
168 100
99 68.1 59.9 89.9

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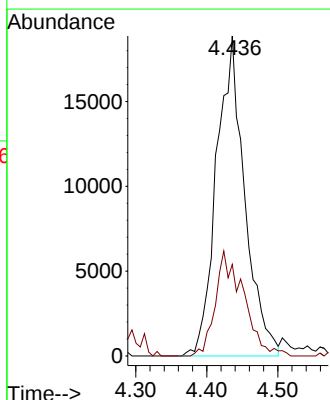
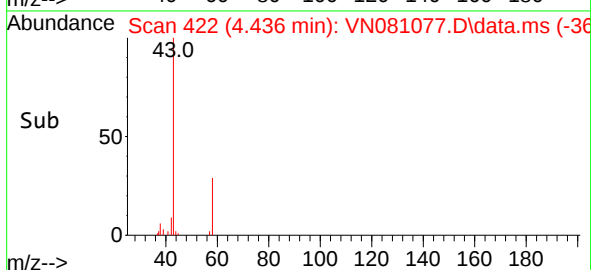
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

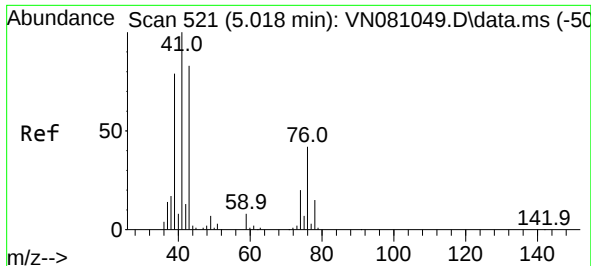


#16
Acetone
Concen: 26.924 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42



Tgt Ion: 43 Resp: 52017
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2





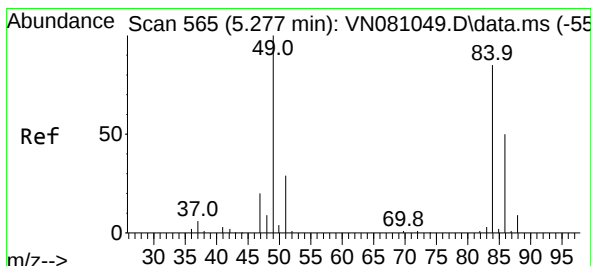
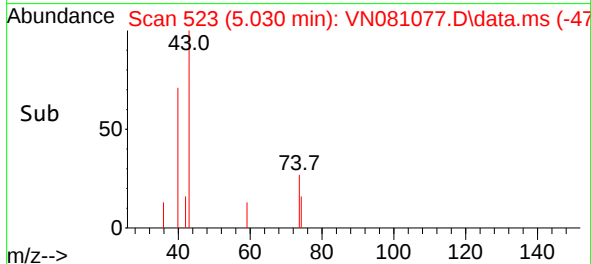
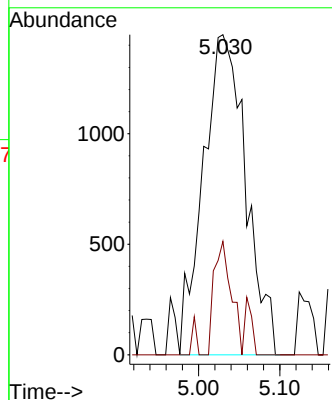
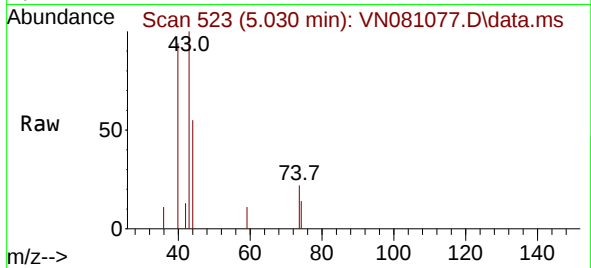
#18
Methyl Acetate
Concen: 1.122 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#05

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
74 14.3 17.3 25.9

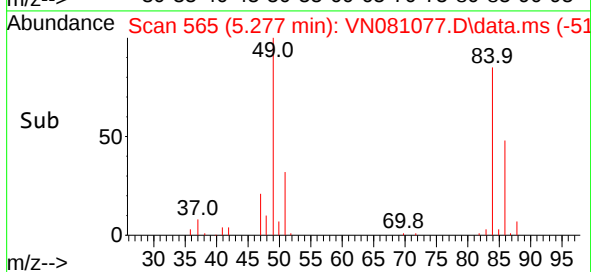
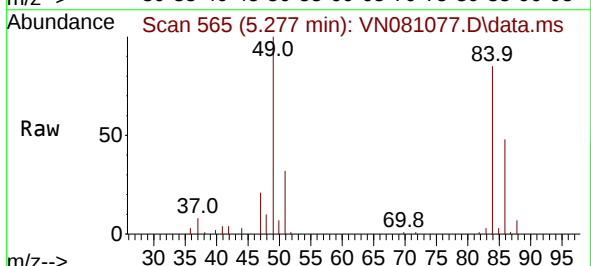
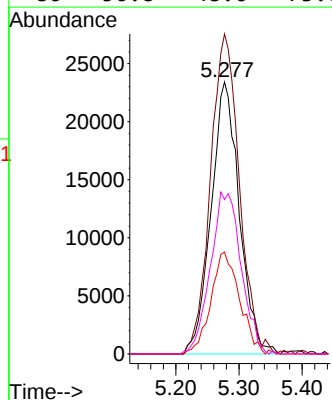
Manual Integrations
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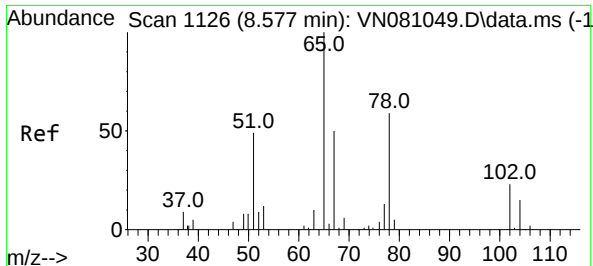
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 13.857 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

Tgt Ion: 84 Resp: 72616
Ion Ratio Lower Upper
84 100
49 117.7 108.1 162.1
51 37.5 32.9 49.3
86 56.8 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 59.483 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081077.D

Acq: 19 Feb 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB159057ZHE#05

Tgt Ion: 65 Resp: 292063

Ion Ratio Lower Upper

65 100

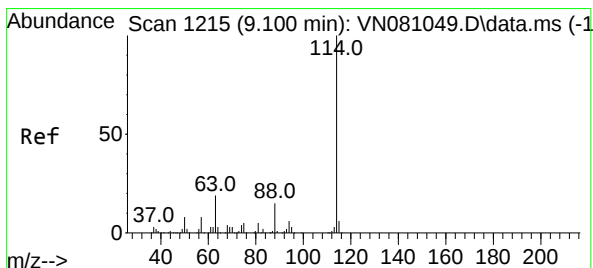
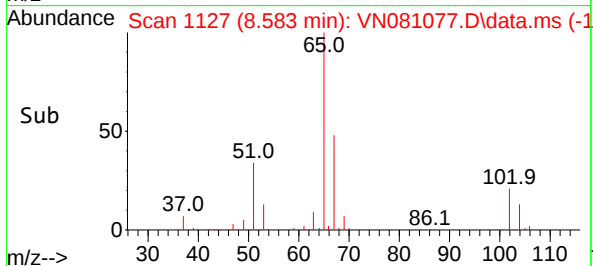
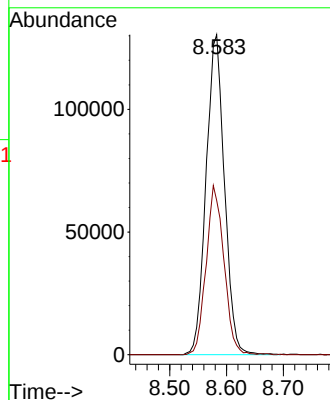
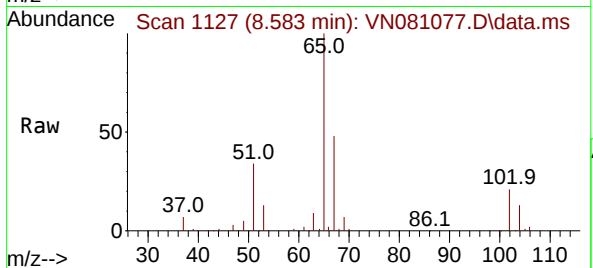
67 51.4 0.0 102.4

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: VN081077.D

Acq: 19 Feb 2024 15:42

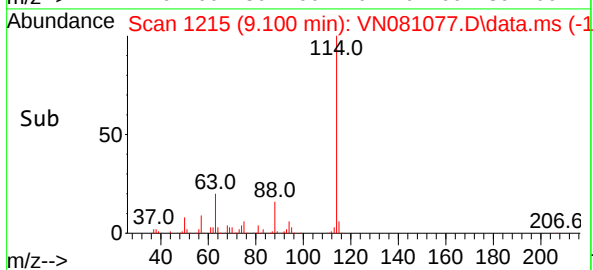
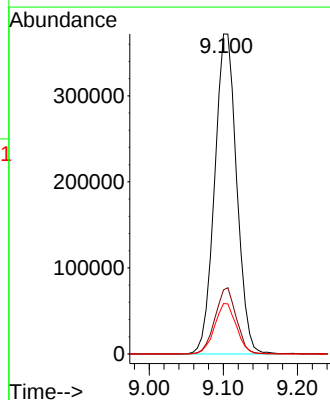
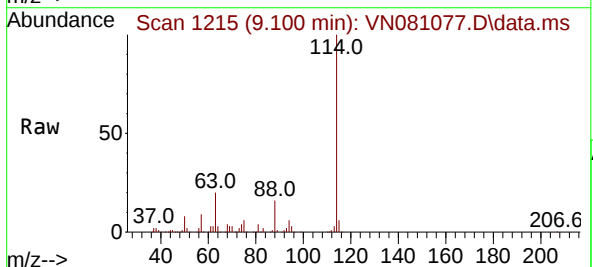
Tgt Ion:114 Resp: 767269

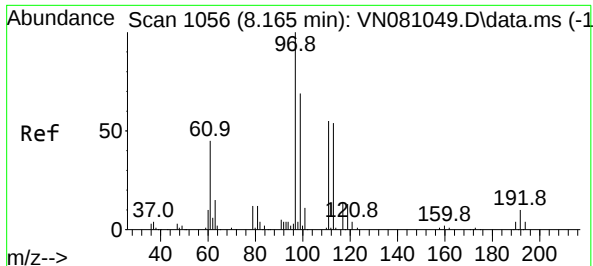
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

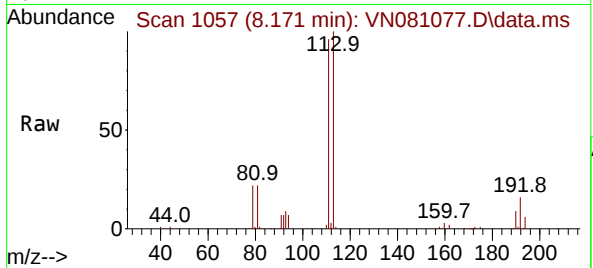
88 15.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 54.025 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

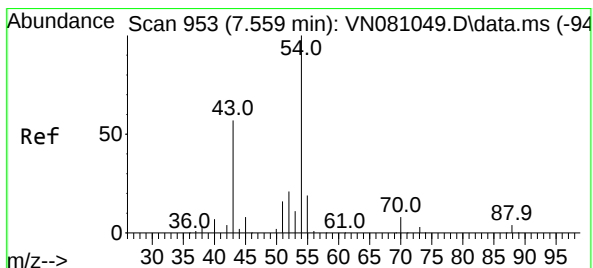
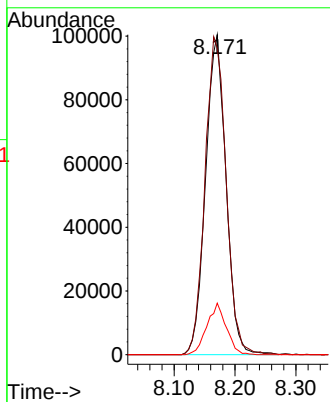
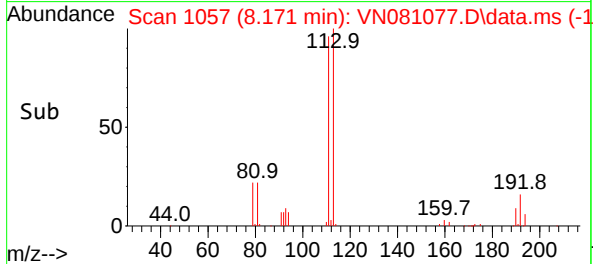
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#05



Tgt Ion: 113 Resp: 234398
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 15.2 12.5 18.7

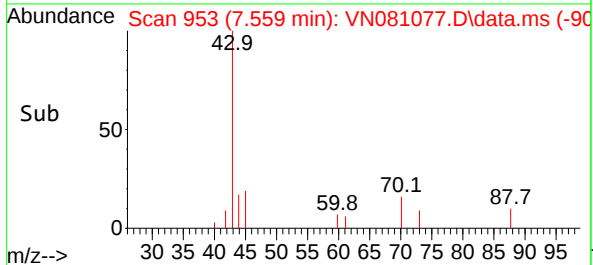
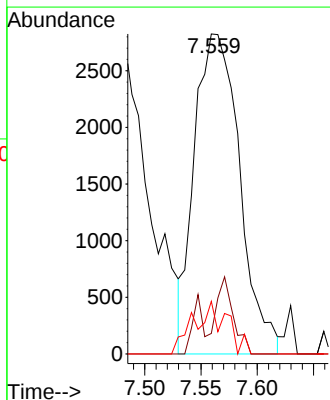
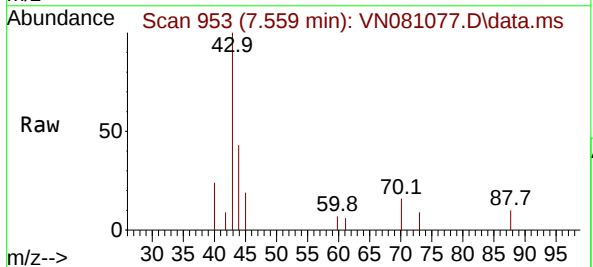
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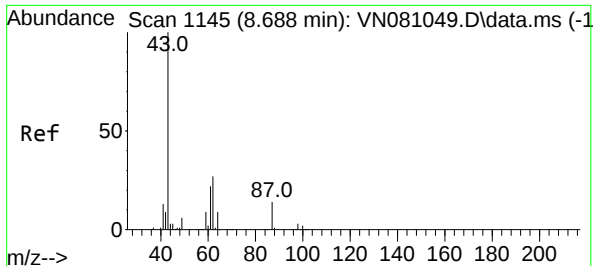
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#37
Ethyl Acetate
Concen: 1.175 ug/l m
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

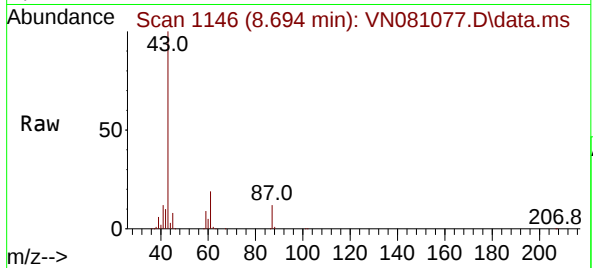
Tgt Ion: 43 Resp: 7882
Ion Ratio Lower Upper
43 100
61 9.4 10.6 15.8#
70 12.1 8.0 12.0#





#43
Isopropyl Acetate
Concen: 30.273 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42

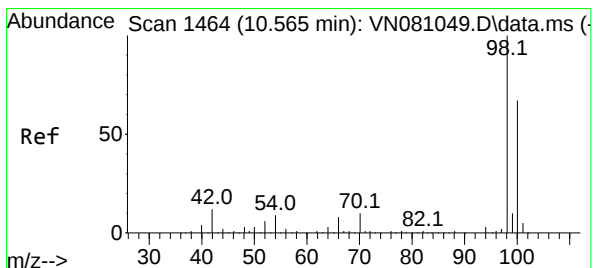
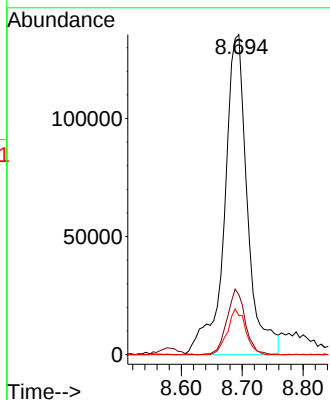
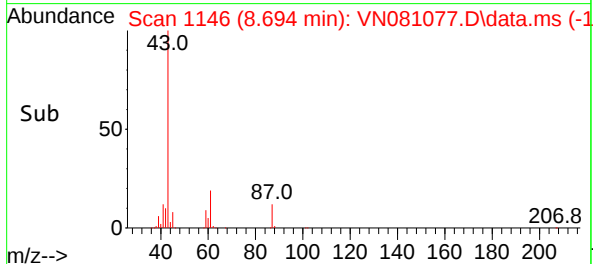
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#05



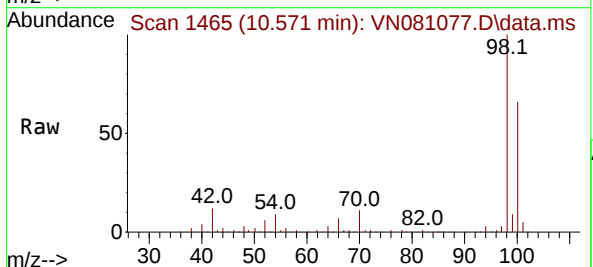
Tgt Ion: 43 Resp: 35518
Ion Ratio Lower Upper
43 100
61 16.3 19.9 29.9
87 11.3 9.0 13.6

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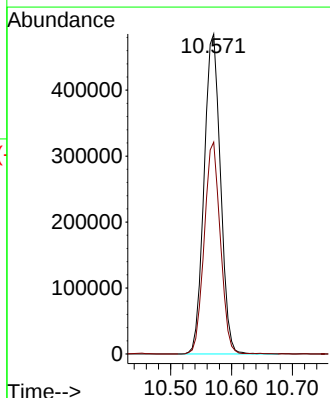
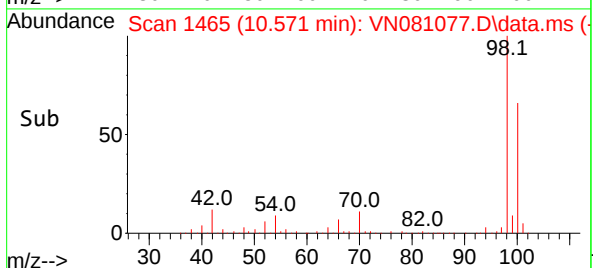
Reviewed By :John Carlone 02/20/2024
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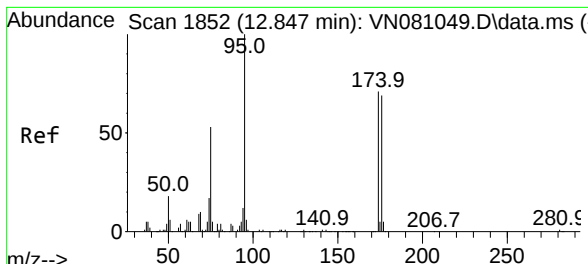


#50
Toluene-d8
Concen: 58.752 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081077.D
Acq: 19 Feb 2024 15:42



Tgt Ion: 98 Resp: 905356
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





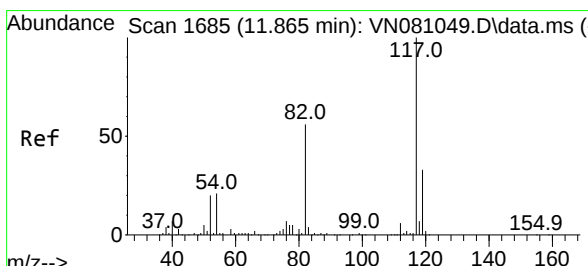
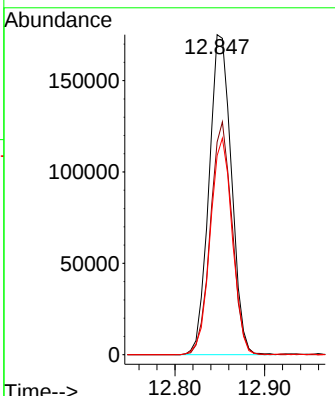
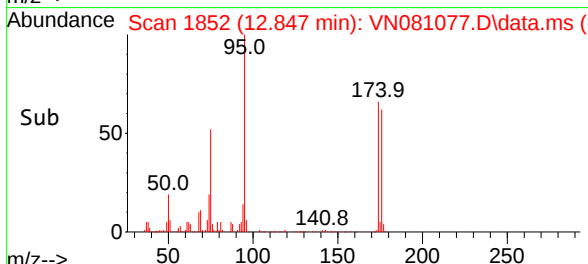
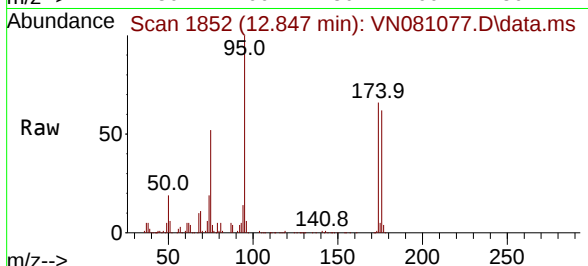
#62
 4-Bromofluorobenzene
 Concen: 52.475 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081077.D
 Acq: 19 Feb 2024 15:42

Instrument : MSVOA_N
 ClientSampleId : PB159057ZHE#05

Tgt Ion:	95	Resp:	303840
Ion Ratio	Lower	Upper	
95	100		
174	70.1	0.0	120.4
176	66.5	0.0	121.0

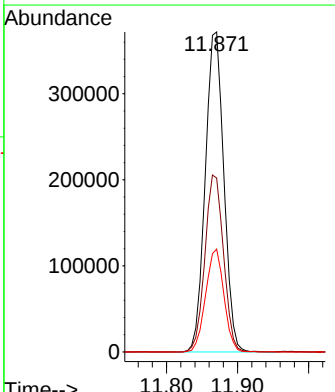
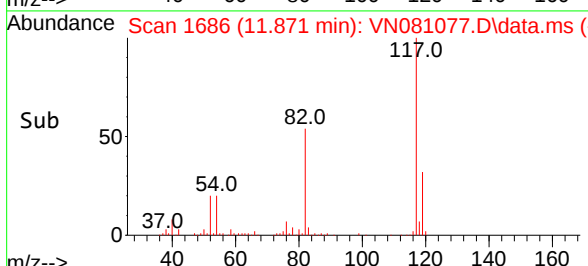
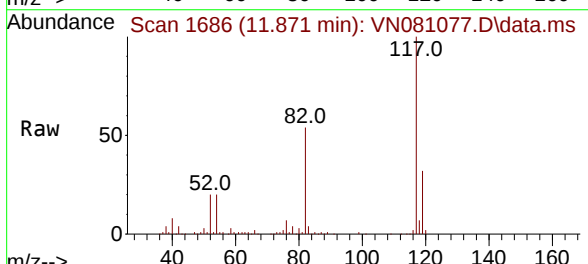
Manual Integrations
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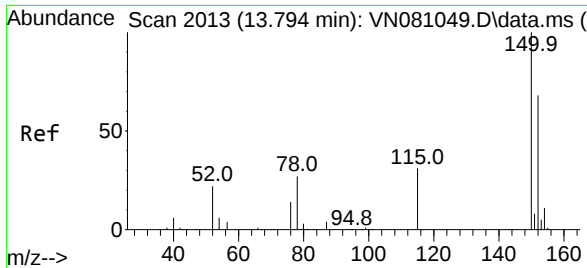
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081077.D
 Acq: 19 Feb 2024 15:42

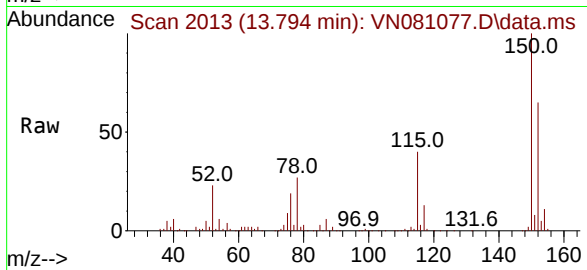
Tgt Ion:	117	Resp:	675286
Ion Ratio	Lower	Upper	
117	100		
82	54.4	52.7	79.1
119	32.1	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081077.D
 Acq: 19 Feb 2024 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#05



Tgt Ion:152 Resp: 272940
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 157.1 0.0 339.8

Manual Integrations
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