

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083997.D
 Acq On : 18 Sep 2024 21:03
 Operator : JC\MD
 Sample : PB163447ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:42:11 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	160769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126140	52.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	8.165	113	87254	49.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	10.565	98	335752	54.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.847	95	111679	43.972	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.940%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	46633	47.987	ug/l	96
20) Methylene Chloride	5.277	84	3406	1.713	ug/l #	89
25) 2-Butanone	7.494	43	6751	5.286	ug/l	91
43) Isopropyl Acetate	8.688	43	221742m	50.298	ug/l	

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

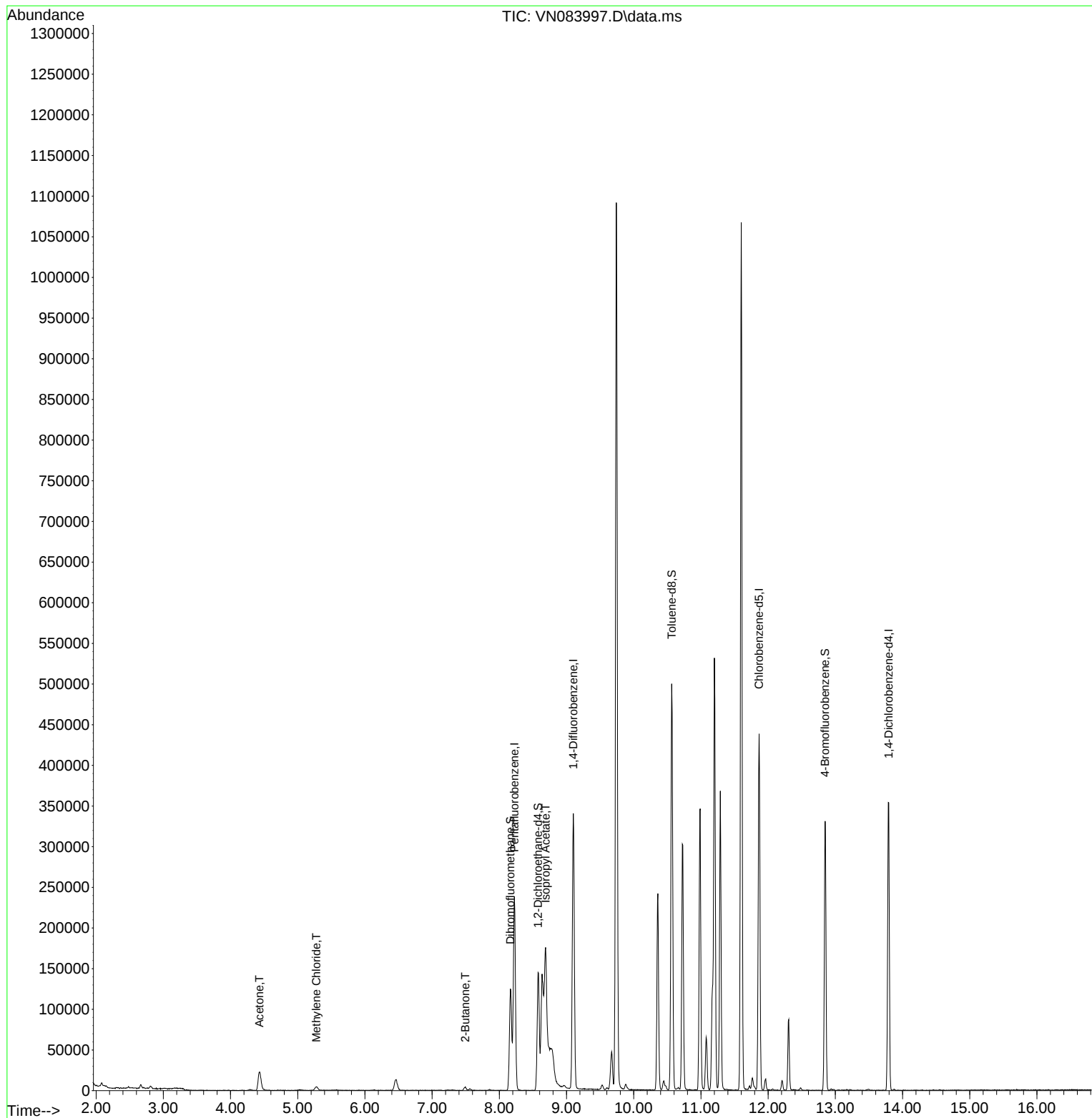
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083997.D
Acq On : 18 Sep 2024 21:03
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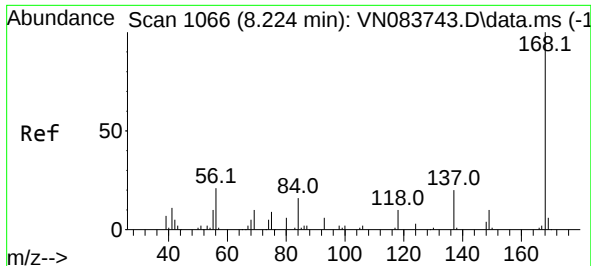
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#14

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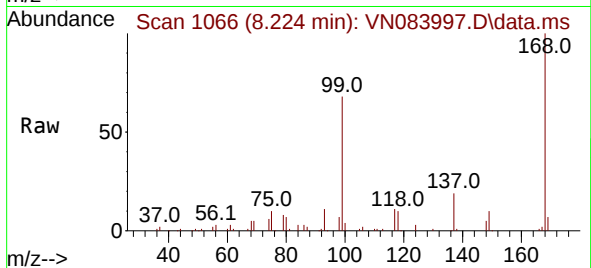
Quant Time: Sep 19 01:42:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

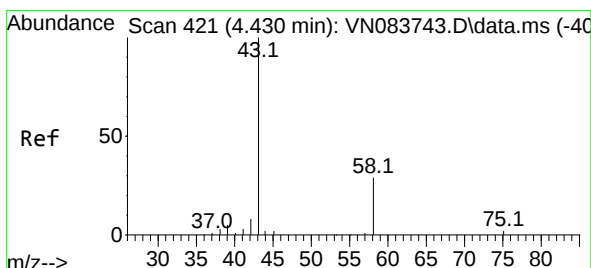
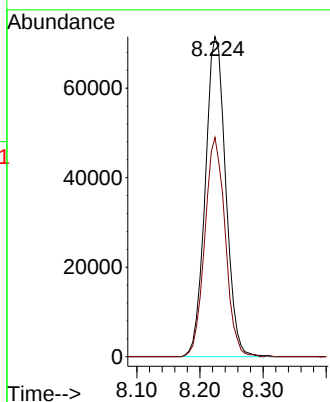
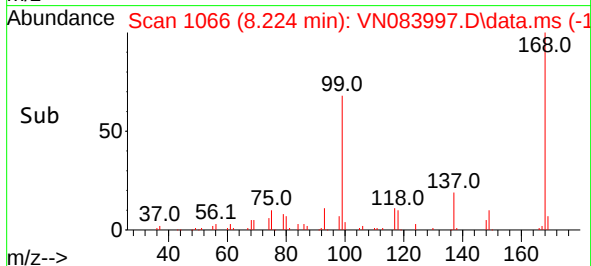
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#14



Tgt Ion:168 Resp: 160769
Ion Ratio Lower Upper
168 100
99 68.5 54.2 81.2

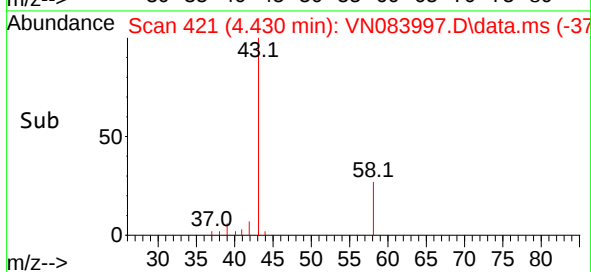
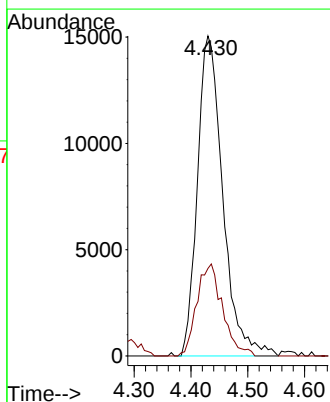
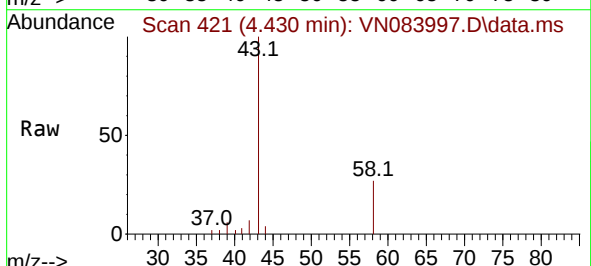
Manual Integrations
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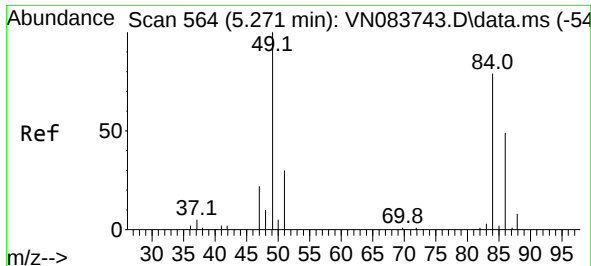
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#16
Acetone
Concen: 47.987 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

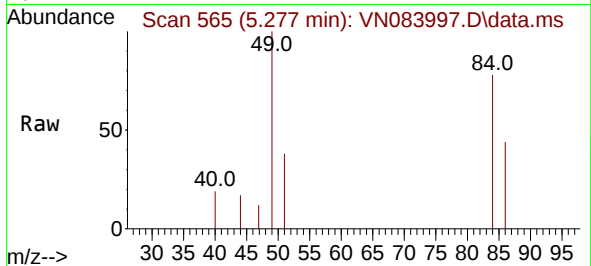
Tgt Ion: 43 Resp: 46633
Ion Ratio Lower Upper
43 100
58 27.4 23.7 35.5





#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

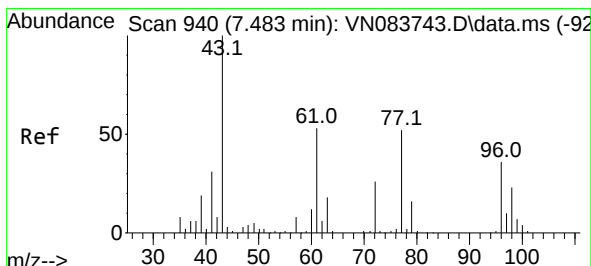
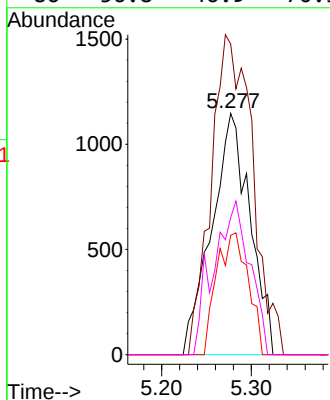
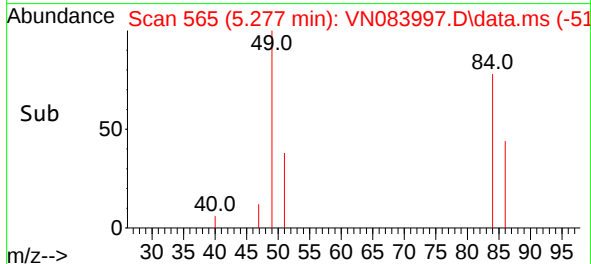
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#14



Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.8	93.4	140.0
51	49.4	29.2	43.8
86	56.8	46.9	70.3

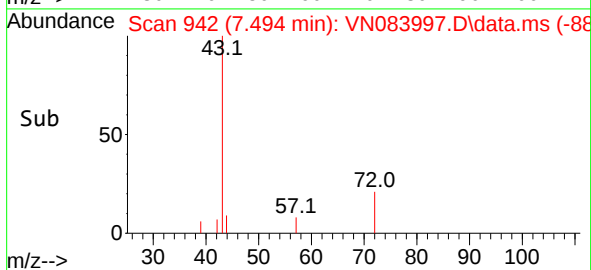
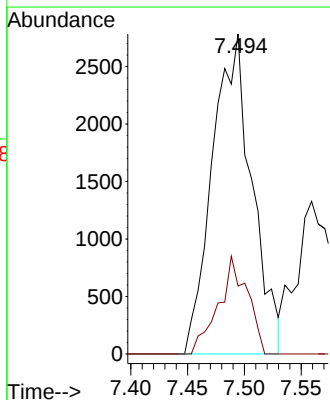
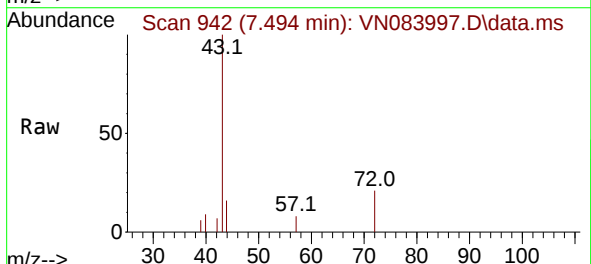
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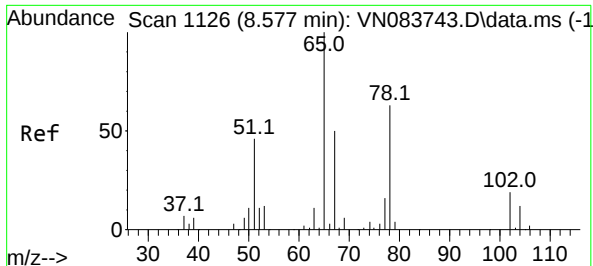
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 5.286 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.8	31.2





#33

1,2-Dichloroethane-d4

Concen: 52.034 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083997.D

Acq: 18 Sep 2024 21:03

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#14

Tgt Ion: 65 Resp: 126140

Ion Ratio Lower Upper

65 100

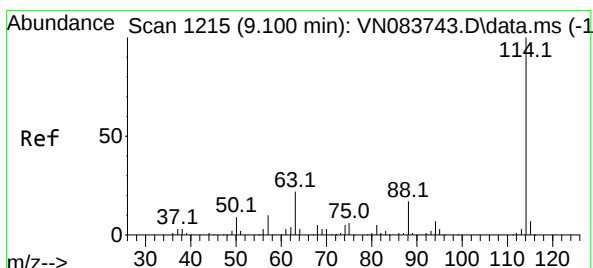
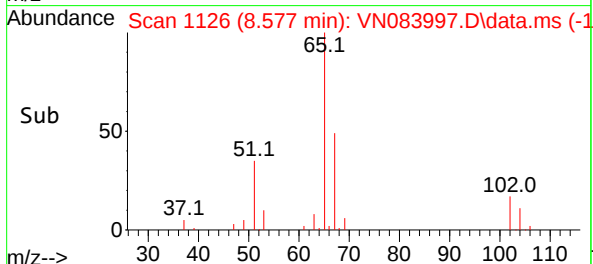
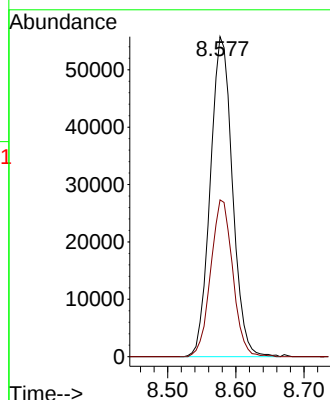
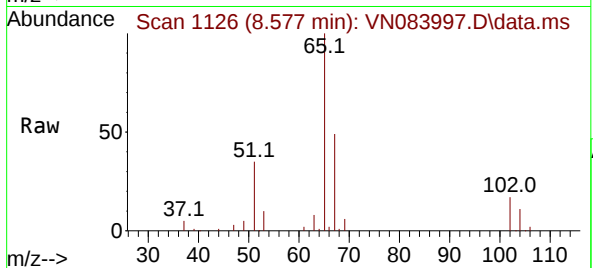
67 48.7 0.0 100.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083997.D

Acq: 18 Sep 2024 21:03

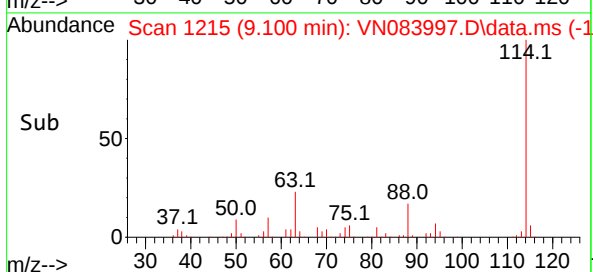
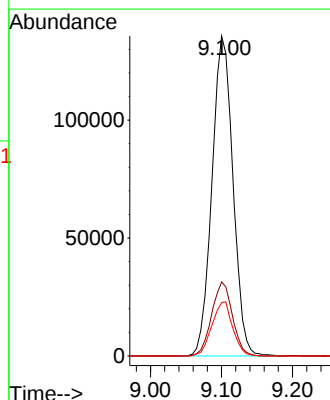
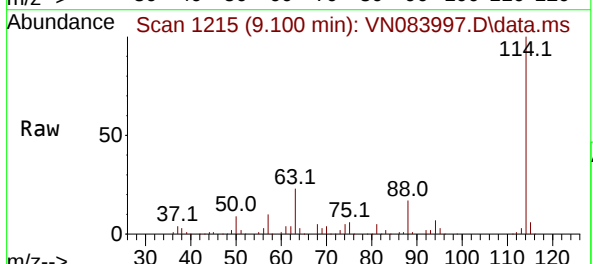
Tgt Ion:114 Resp: 278151

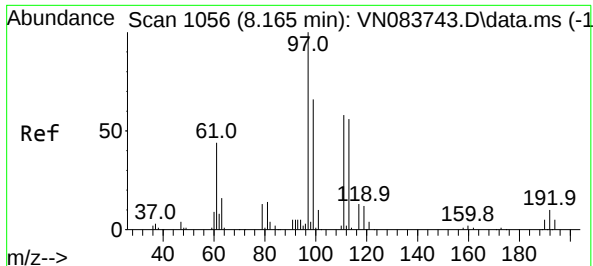
Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.000 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN083997.D

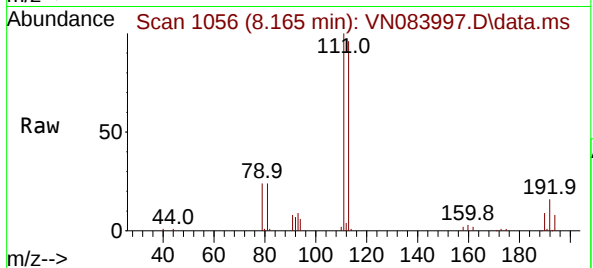
Acq: 18 Sep 2024 21:03

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#14



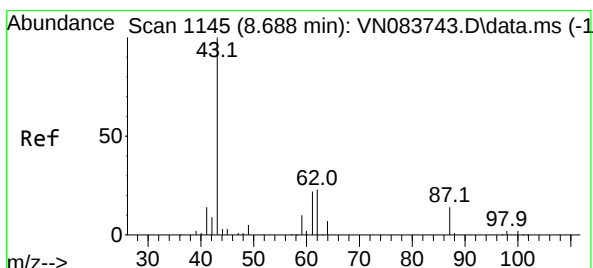
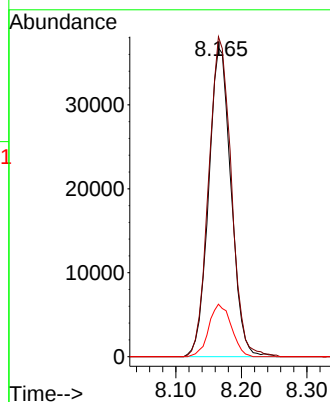
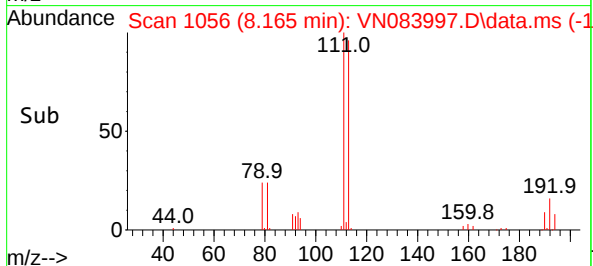
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	124.0
192	17.1	14.3	21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2024



#43

Isopropyl Acetate

Concen: 50.298 ug/l m

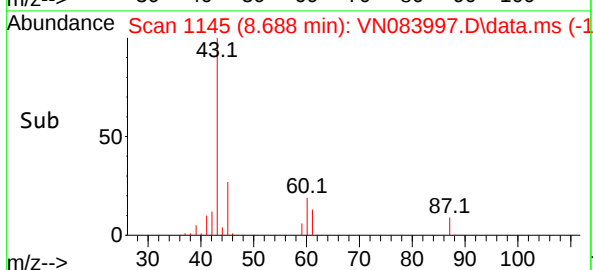
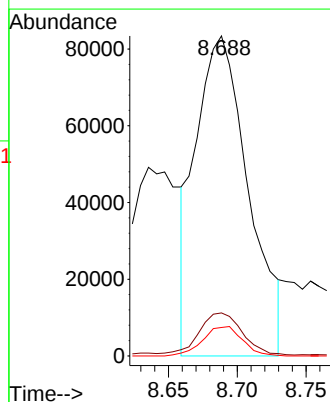
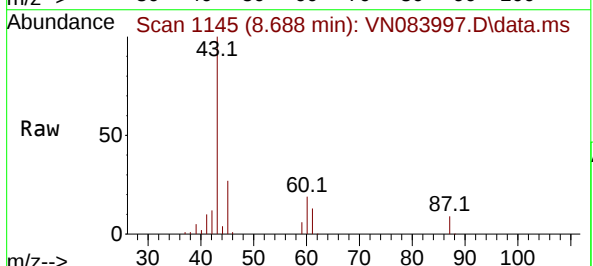
RT: 8.688 min Scan# 1145

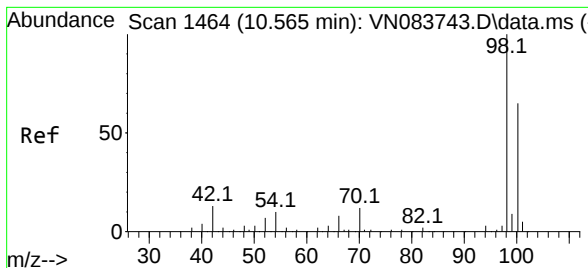
Delta R.T. 0.000 min

Lab File: VN083997.D

Acq: 18 Sep 2024 21:03

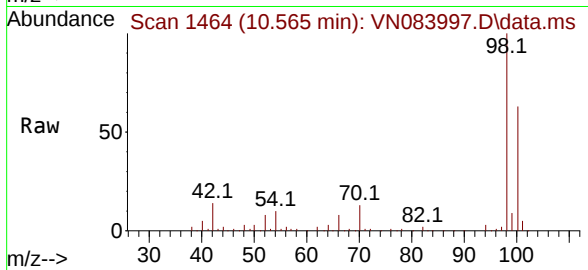
Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.3	19.4	29.0#
87	6.9	9.8	14.6#





#50
Toluene-d8
Concen: 54.541 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

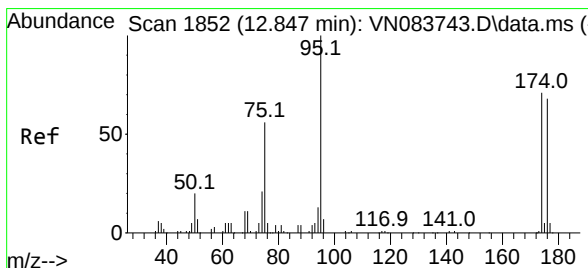
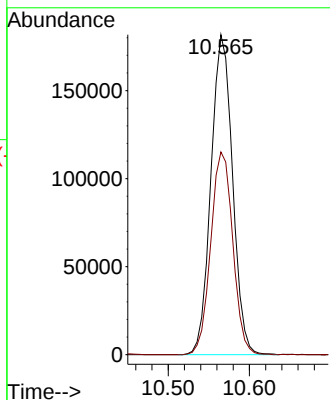
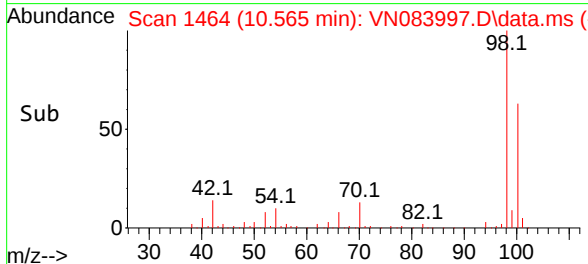
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#14



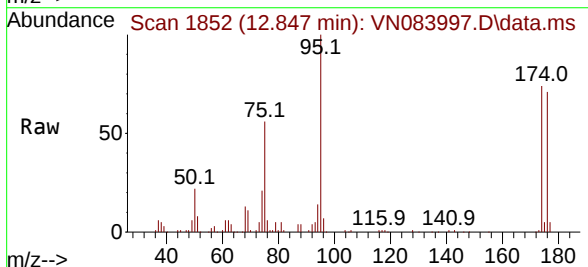
Tgt Ion: 98 Resp: 335752
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

Manual Integrations
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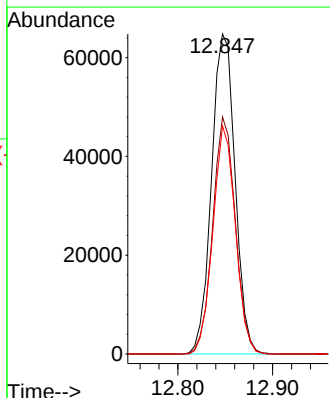
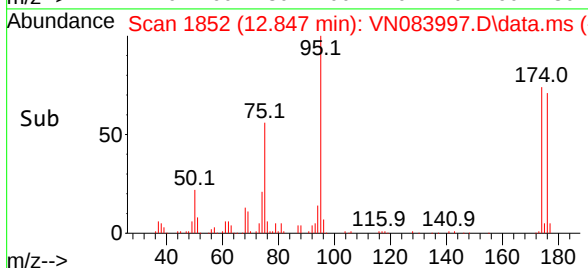
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

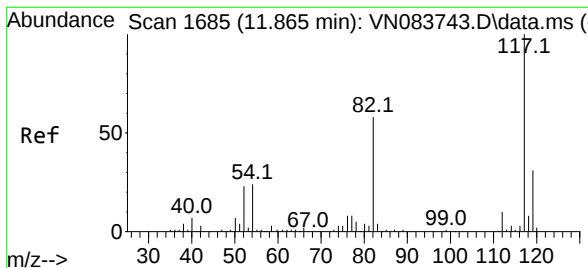


#62
4-Bromofluorobenzene
Concen: 43.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03



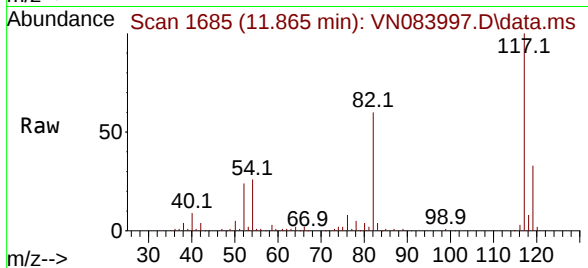
Tgt Ion: 95 Resp: 111679
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 68.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03

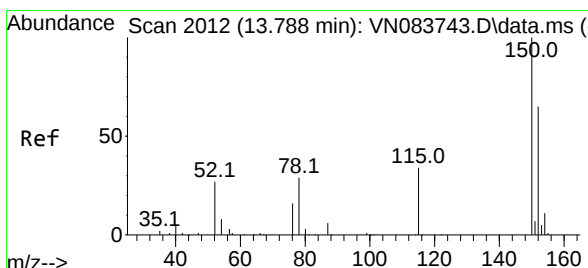
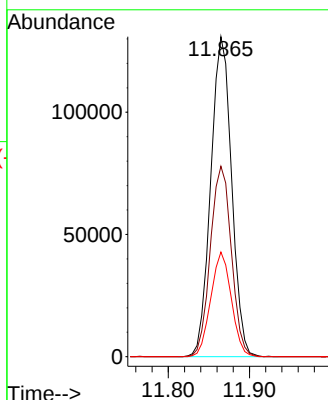
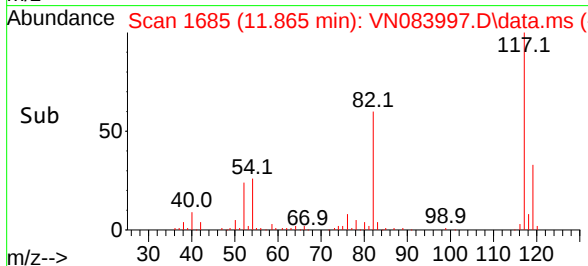
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#14



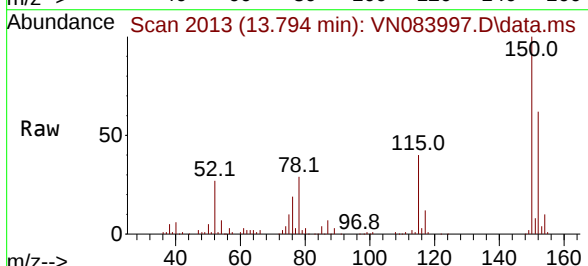
Tgt Ion:117 Resp: 233824
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.7 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083997.D
Acq: 18 Sep 2024 21:03



Tgt Ion:152 Resp: 92466
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 158.1 0.0 348.6

