

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083627.D
 Acq On : 03 Sep 2024 16:21
 Operator : JC\MD
 Sample : PB163072ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/04/2024
 Supervised By : Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 02:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	122177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113025	66.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.380%#			
35) Dibromofluoromethane	8.165	113	92086	59.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.020%			
50) Toluene-d8	10.565	98	346506	57.270	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.540%#			
62) 4-Bromofluorobenzene	12.847	95	168972	75.698	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 151.400%#			
Target Compounds						
16) Acetone	4.436	43	25997	38.178	ug/l	94
18) Methyl Acetate	5.030	43	9690	5.351	ug/l	98
20) Methylene Chloride	5.265	84	5365	3.568	ug/l #	77
43) Isopropyl Acetate	8.688	43	328475m	70.162	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	10930	5.005	ug/l #	70
95) Naphthalene	15.641	128	42516	4.322	ug/l	97

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

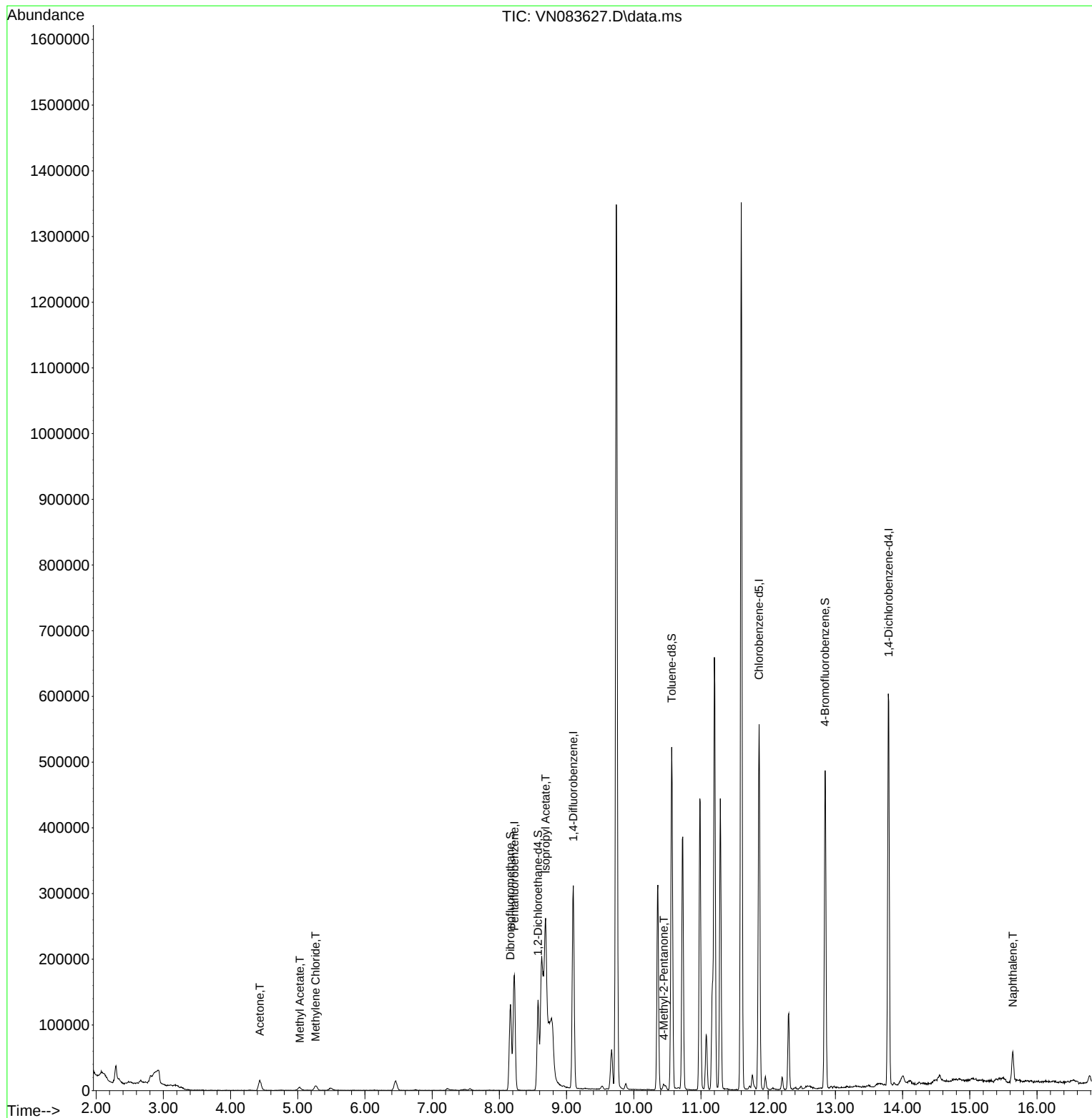
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
Data File : VN083627.D
Acq On : 03 Sep 2024 16:21
Operator : JC\MD
Sample : PB163072ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

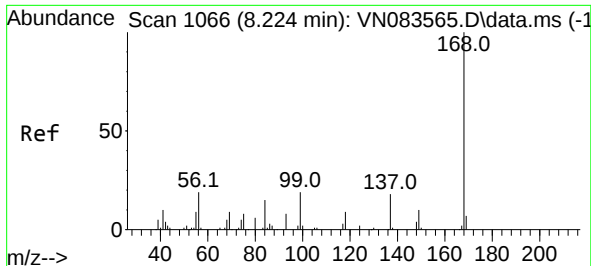
Instrument :
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ClientSampleId :
PB163072ZHE#02

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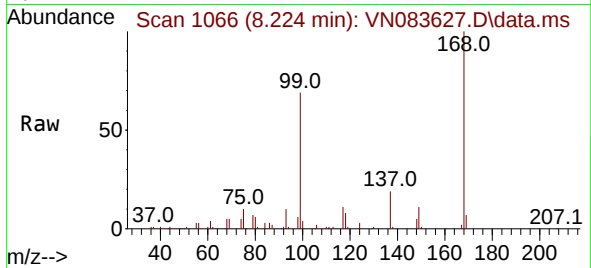
Quant Time: Sep 04 02:58:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

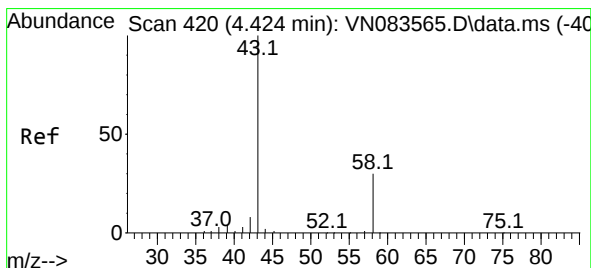
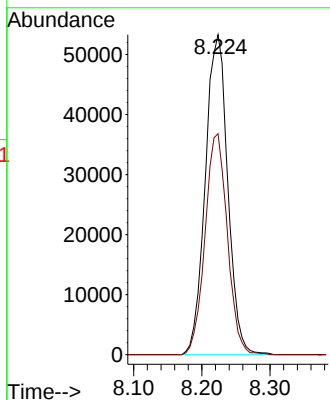
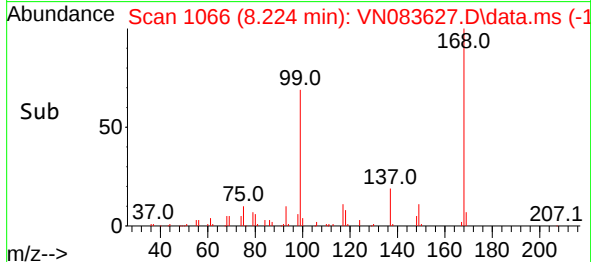
Instrument :
MSVOA_N
ClientSampleId :
PB163072ZHE#02



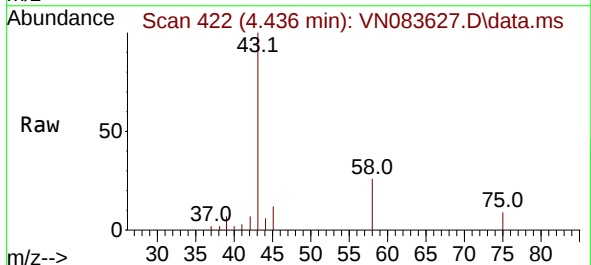
Tgt Ion:168 Resp: 12217
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2

Manual Integrations
APPROVED

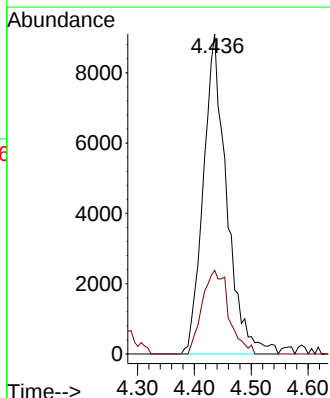
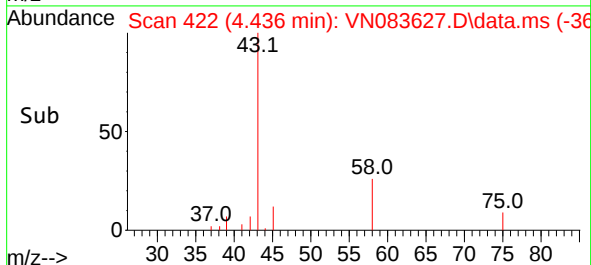
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

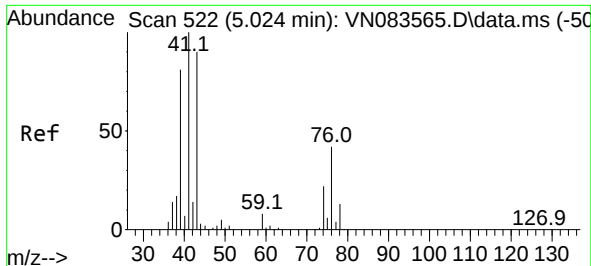


#16
Acetone
Concen: 38.178 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21



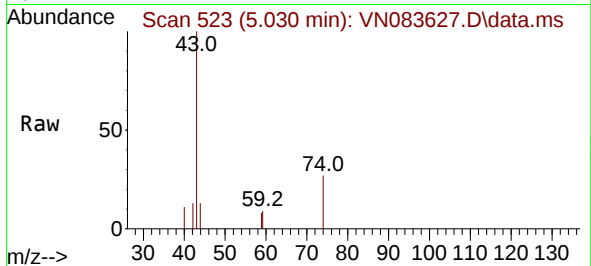
Tgt Ion: 43 Resp: 25997
Ion Ratio Lower Upper
43 100
58 26.2 23.7 35.5





#18
Methyl Acetate
Concen: 5.351 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

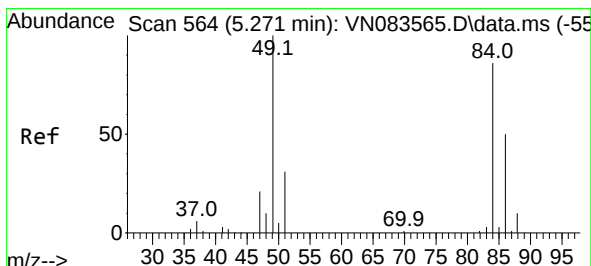
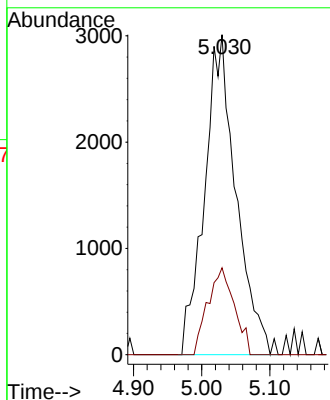
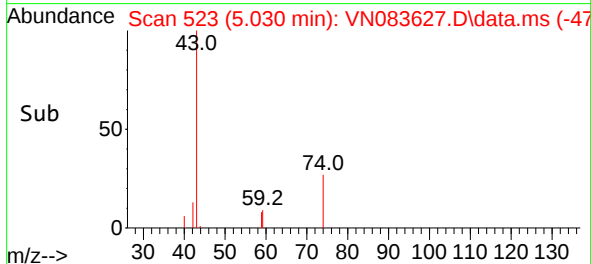
Instrument :
MSVOA_N
ClientSampleId :
PB163072ZHE#02



Tgt Ion: 43 Resp: 9690
Ion Ratio Lower Upper
43 100
74 22.8 19.0 28.4

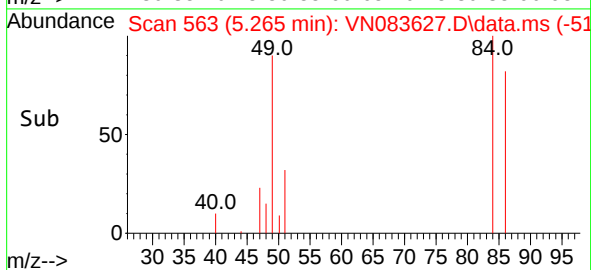
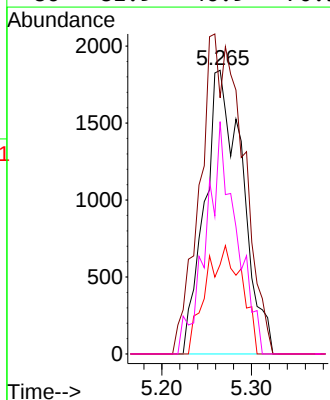
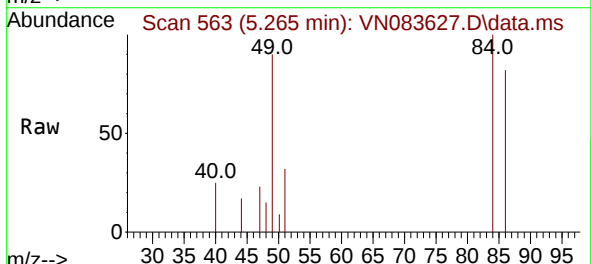
Manual Integrations
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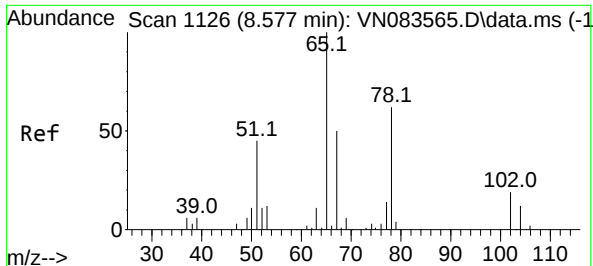
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#20
Methylene Chloride
Concen: 3.568 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

Tgt Ion: 84 Resp: 5365
Ion Ratio Lower Upper
84 100
49 90.3 93.4 140.0#
51 31.5 29.2 43.8
86 81.9 46.9 70.3#





#33

1,2-Dichloroethane-d4

Concen: 66.192 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083627.D

Acq: 03 Sep 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB163072ZHE#02

Tgt Ion: 65 Resp: 113025

Ion Ratio Lower Upper

65 100

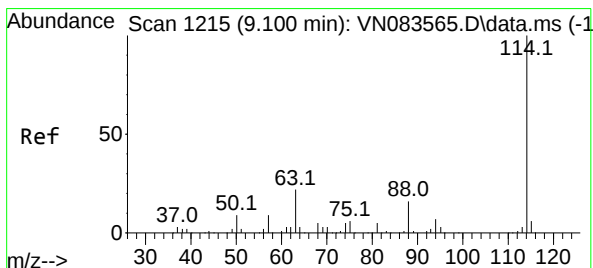
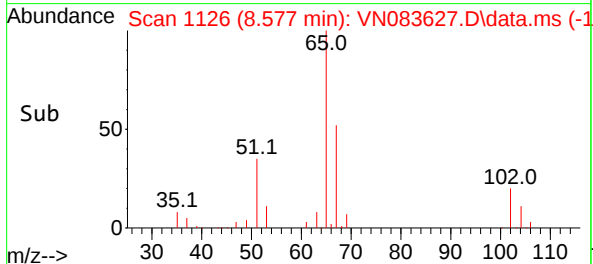
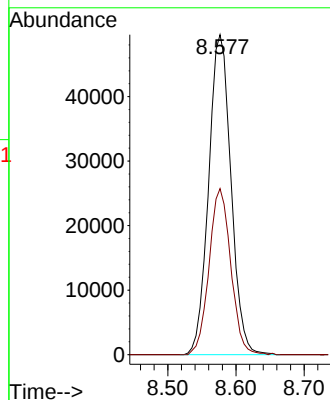
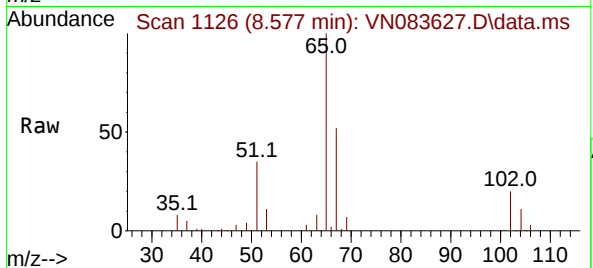
67 50.5 0.0 100.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083627.D

Acq: 03 Sep 2024 16:21

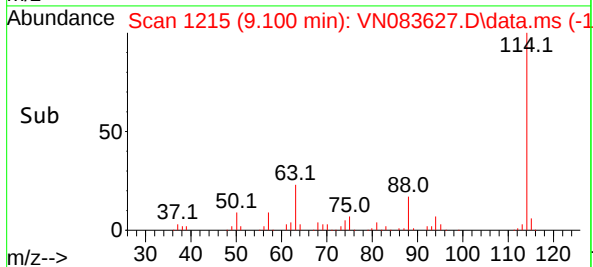
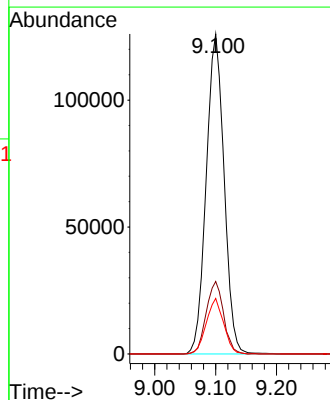
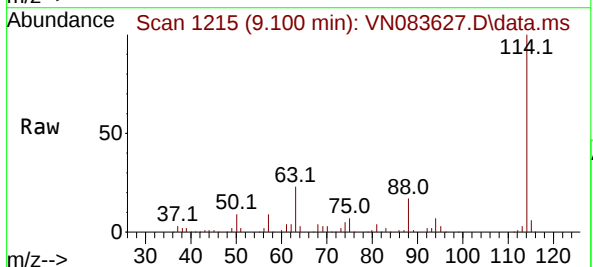
Tgt Ion:114 Resp: 257088

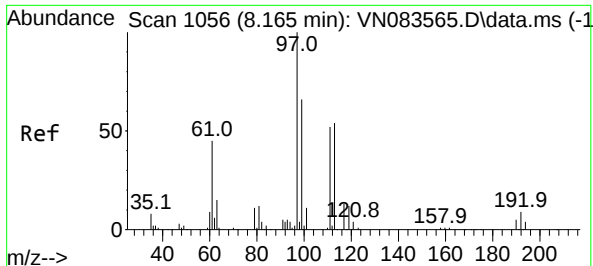
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

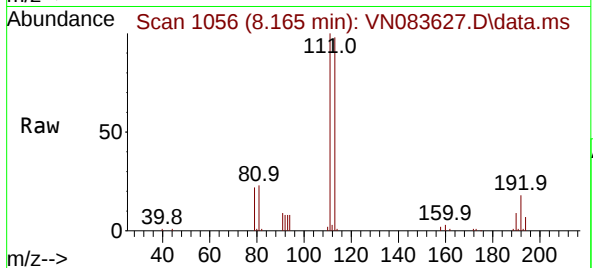
88 17.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 59.512 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

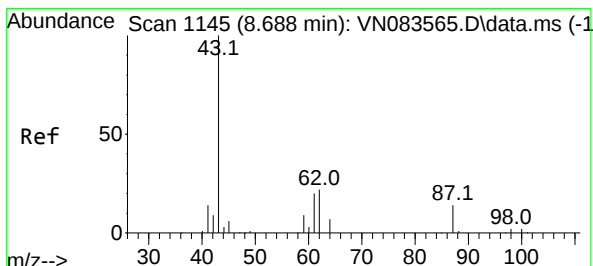
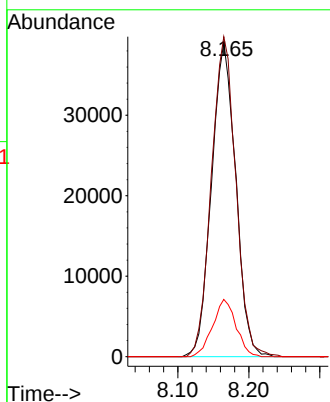
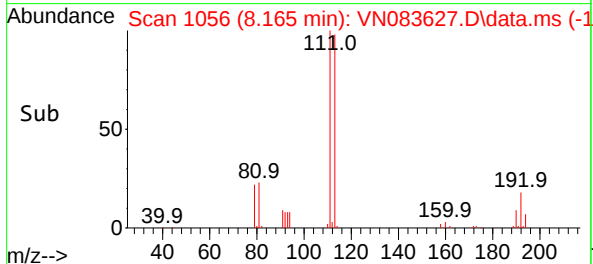
Instrument :
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PB163072ZHE#02



Tgt Ion: 113 Resp: 92086
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.7 14.3 21.5

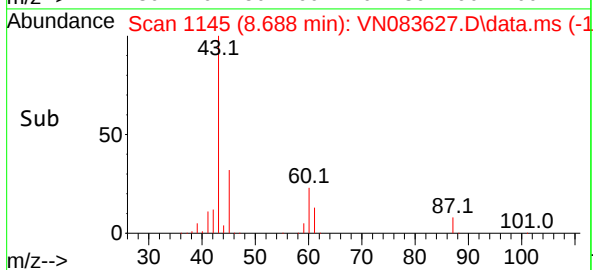
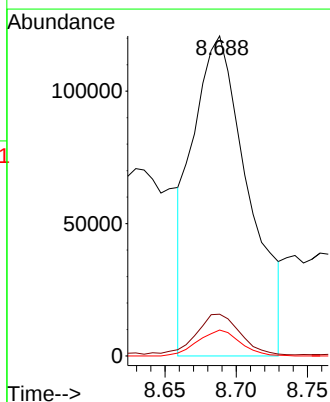
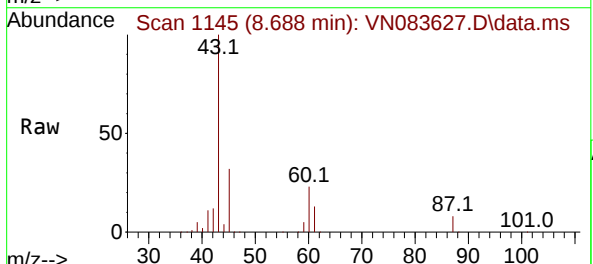
Manual Integrations
APPROVED

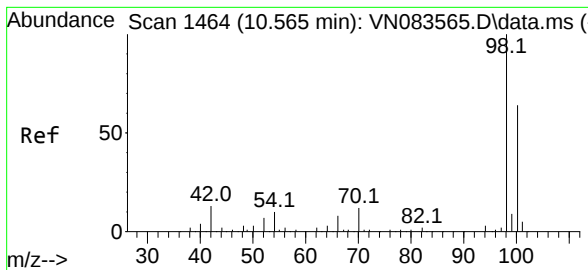
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#43
Isopropyl Acetate
Concen: 70.162 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

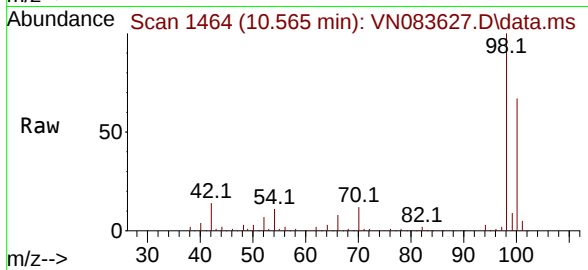
Tgt Ion: 43 Resp: 328475
Ion Ratio Lower Upper
43 100
61 10.9 19.4 29.0#
87 6.1 9.8 14.6#





#50
Toluene-d8
Concen: 57.270 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

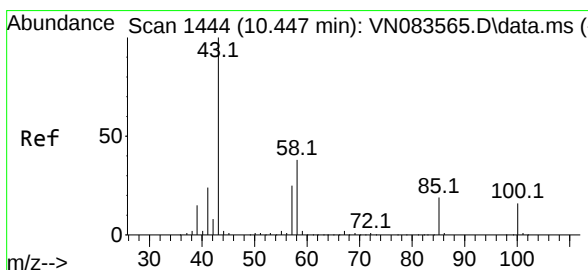
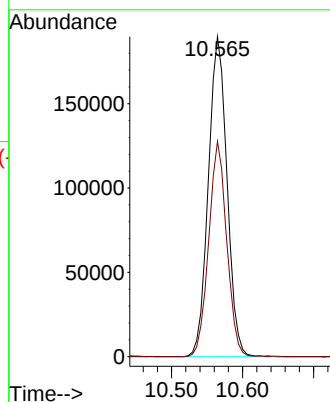
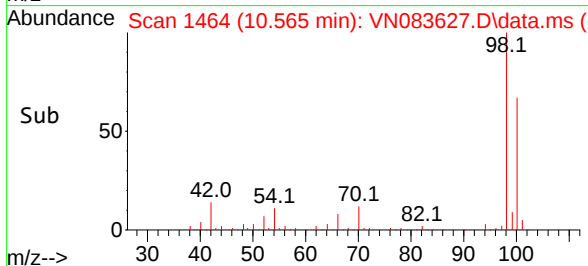
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ClientSampleId :
PB163072ZHE#02



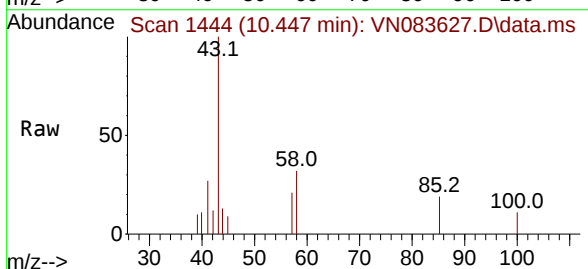
Tgt Ion: 98 Resp: 346500
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

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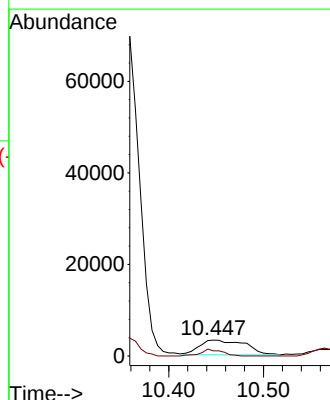
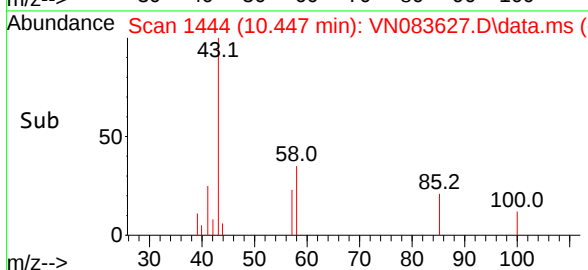
Reviewed By :John Carlone 09/04/2024
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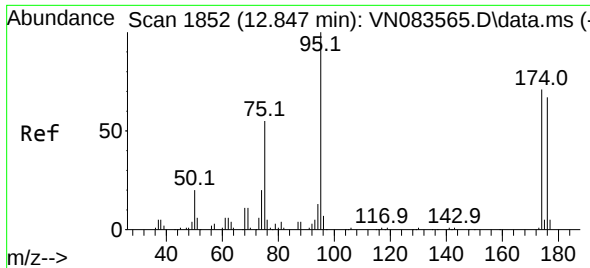


#51
4-Methyl-2-Pentanone
Concen: 5.005 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21



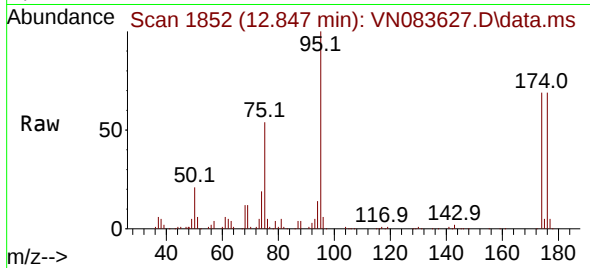
Tgt Ion: 43 Resp: 10930
Ion Ratio Lower Upper
43 100
58 20.9 31.6 47.4#





#62
4-Bromofluorobenzene
Concen: 75.698 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

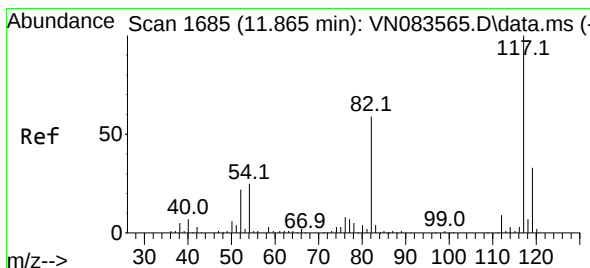
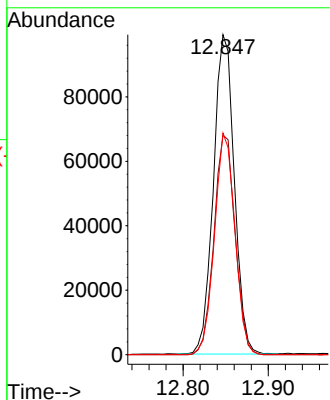
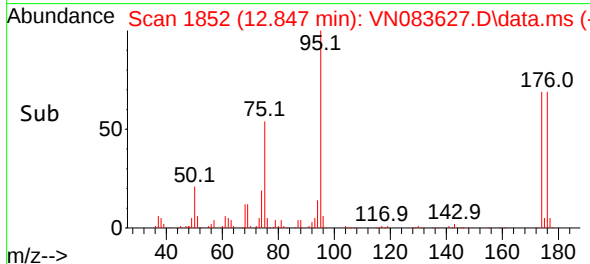
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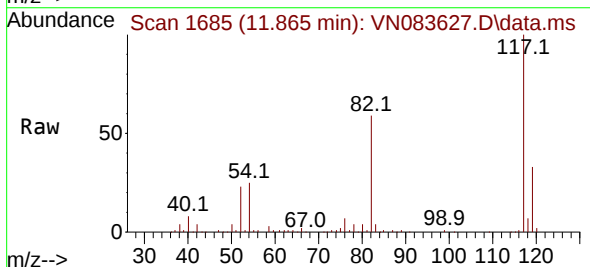
Tgt Ion: 95 Resp: 168972
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 67.9 0.0 131.4

Manual Integrations
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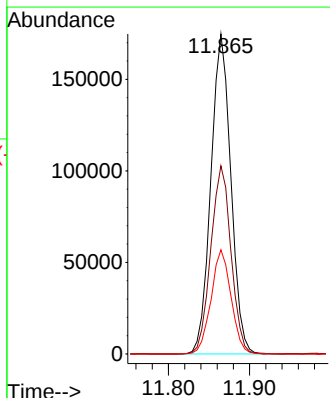
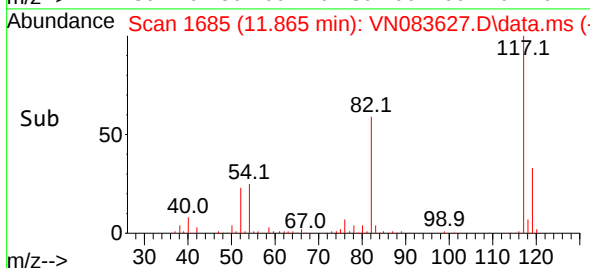
Reviewed By :John Carlone 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

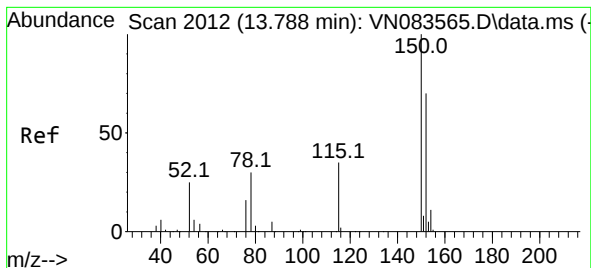


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21



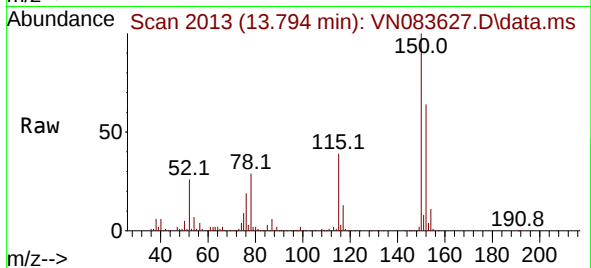
Tgt Ion:117 Resp: 298798
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 32.6 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21

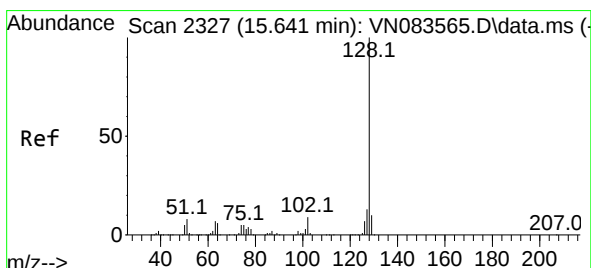
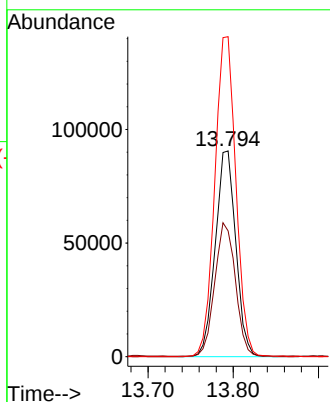
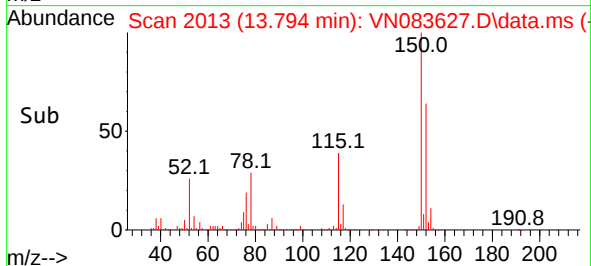
Instrument :
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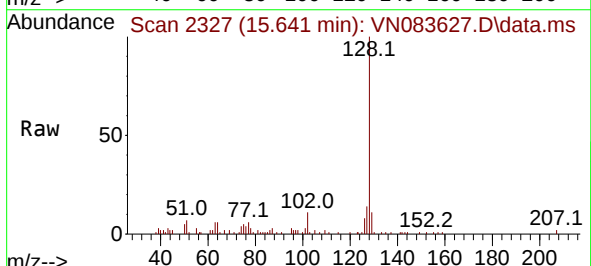
Tgt Ion:152 Resp: 152108
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 159.4 0.0 348.6

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Supervised By :Mahesh Dadoda 09/04/2024



#95
Naphthalene
Concen: 4.322 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083627.D
Acq: 03 Sep 2024 16:21



Tgt Ion:128 Resp: 42516
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 11.5 8.7 13.1

