

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083993.D
 Acq On : 18 Sep 2024 19:27
 Operator : JC\MD
 Sample : PB163447ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#10

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:40:07 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	162017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127344	52.126	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	8.165	113	88305	48.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
50) Toluene-d8	10.565	98	338237	53.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.847	95	116549	45.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.120%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	45204	46.158	ug/l	92
20) Methylene Chloride	5.283	84	3916	1.954	ug/l	97
25) 2-Butanone	7.489	43	6721	5.221	ug/l #	78
43) Isopropyl Acetate	8.688	43	226458m	50.441	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	12302	5.034	ug/l #	72

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

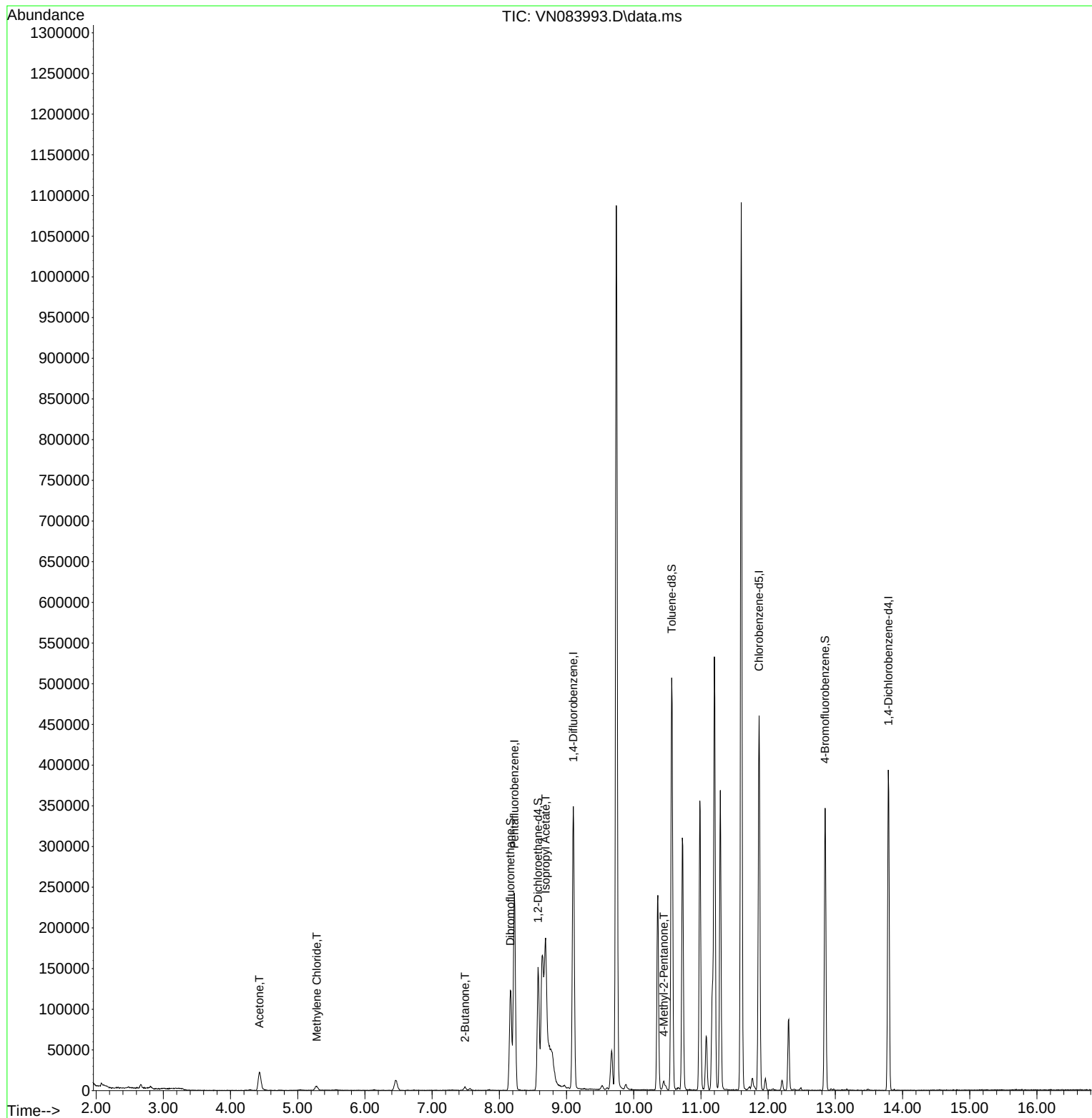
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083993.D
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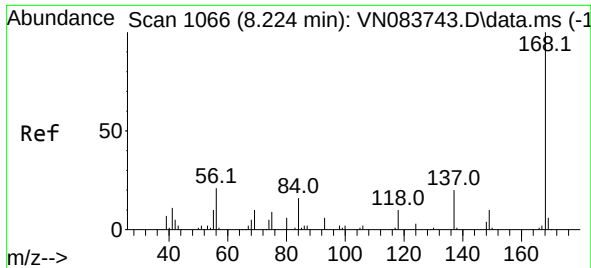
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#10

Quant Time: Sep 19 01:40:07 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

Manual Integrations
APPROVED

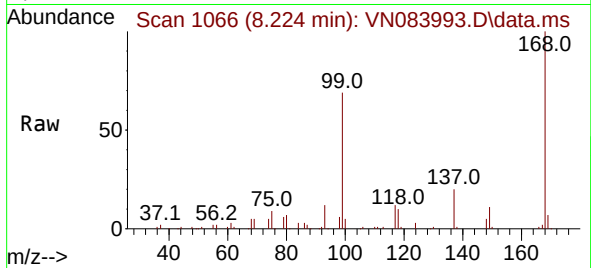
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

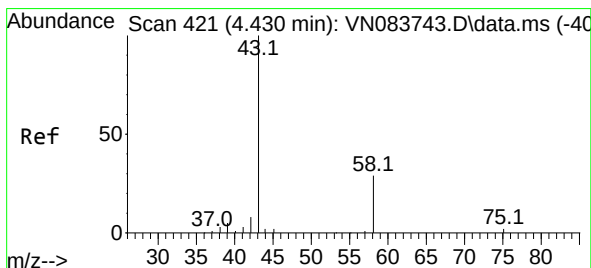
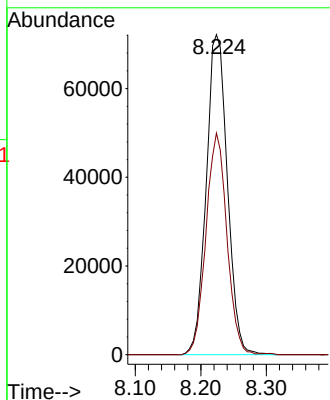
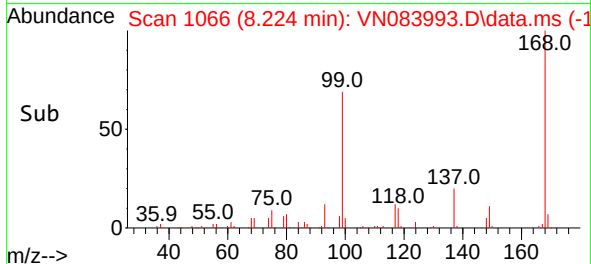
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#10



Tgt Ion:168 Resp: 16201
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2

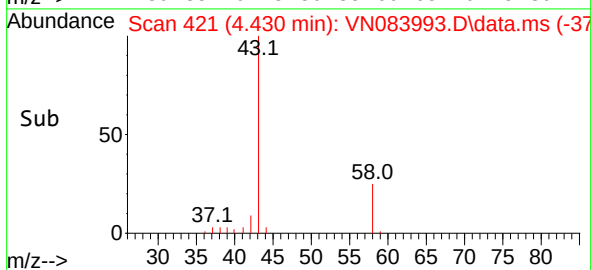
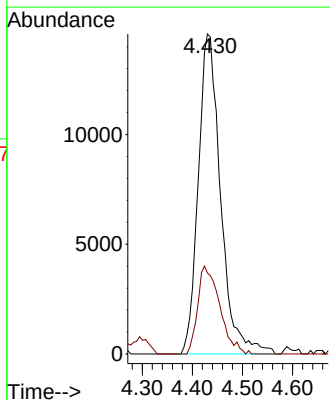
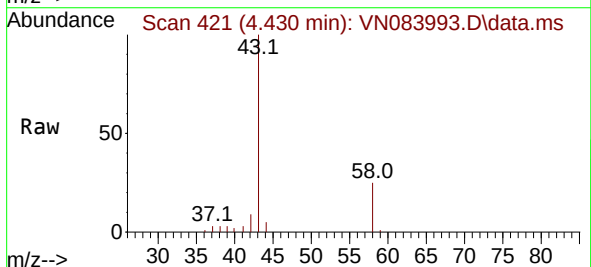
Manual Integrations
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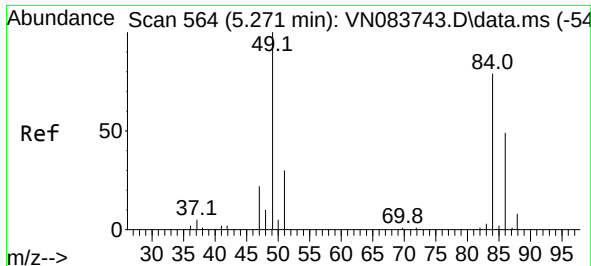
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#16
Acetone
Concen: 46.158 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

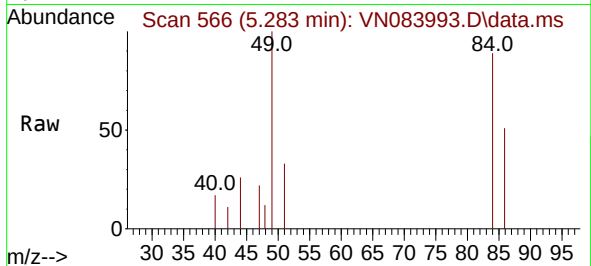
Tgt Ion: 43 Resp: 45204
Ion Ratio Lower Upper
43 100
58 25.3 23.7 35.5





#20
Methylene Chloride
Concen: 1.954 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.012 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

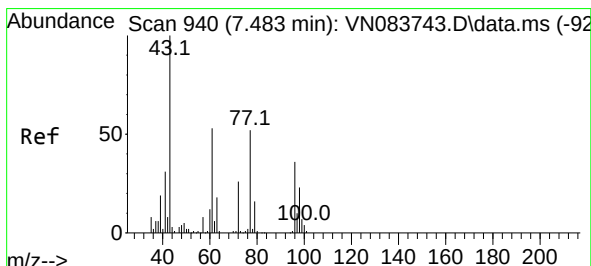
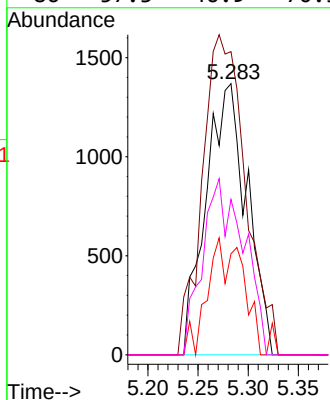
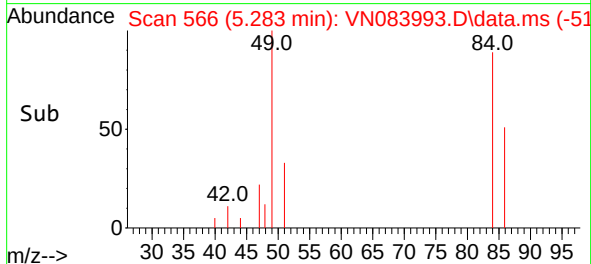
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#10



Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.4	140.0
51	37.3	29.2	43.8
86	57.3	46.9	70.3

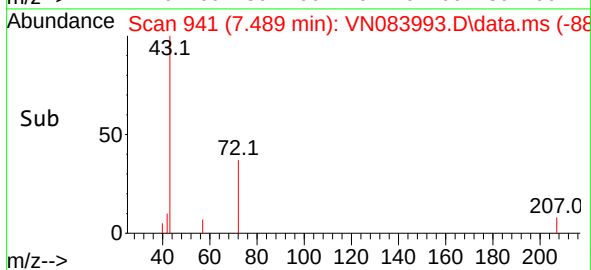
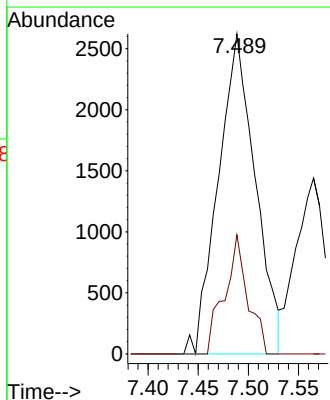
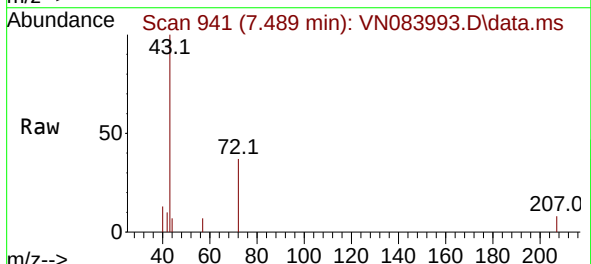
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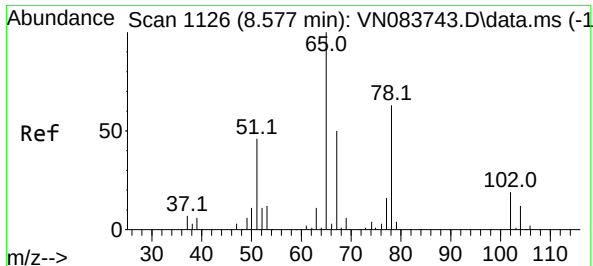
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 5.221 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	37.2	20.8	31.2





#33

1,2-Dichloroethane-d4

Concen: 52.126 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083993.D

Acq: 18 Sep 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#10

Tgt Ion: 65 Resp: 127344

Ion Ratio Lower Upper

65 100

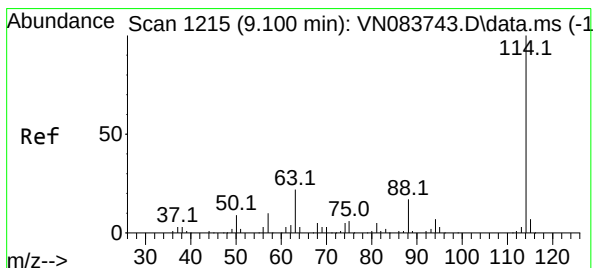
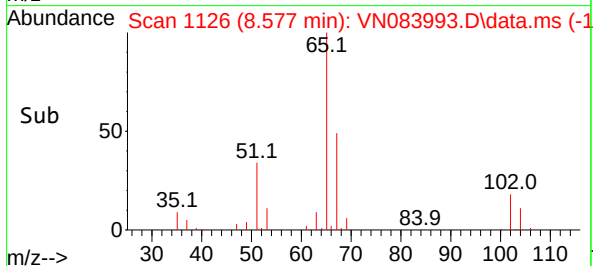
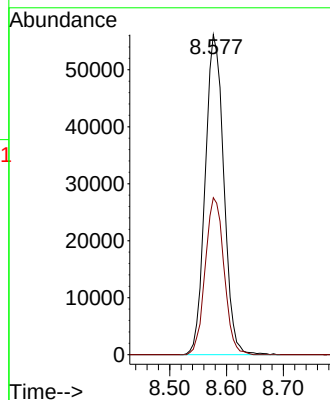
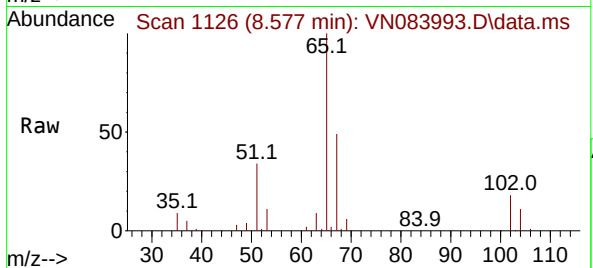
67 49.6 0.0 100.8

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: VN083993.D

Acq: 18 Sep 2024 19:27

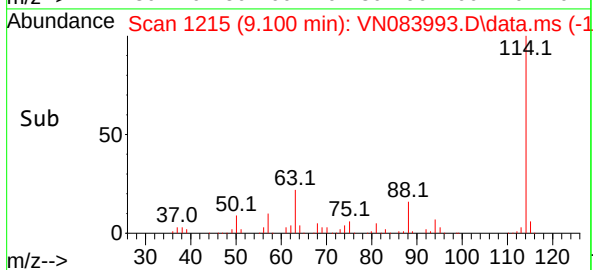
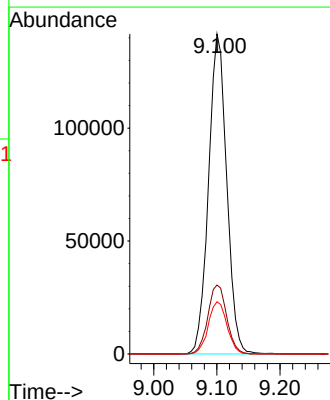
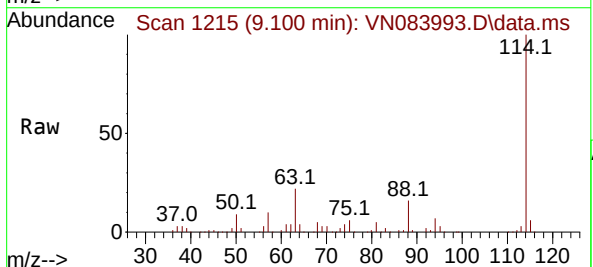
Tgt Ion:114 Resp: 283257

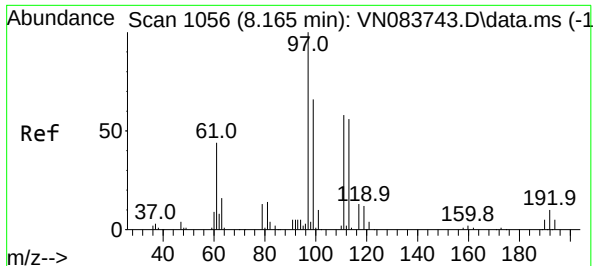
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.696 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083993.D

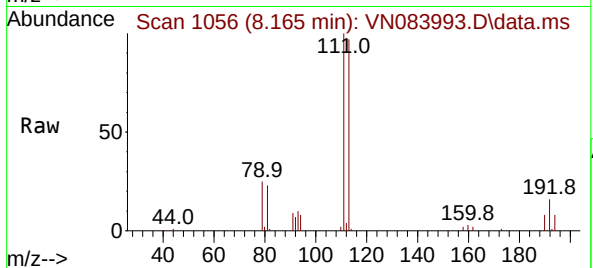
Acq: 18 Sep 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#10



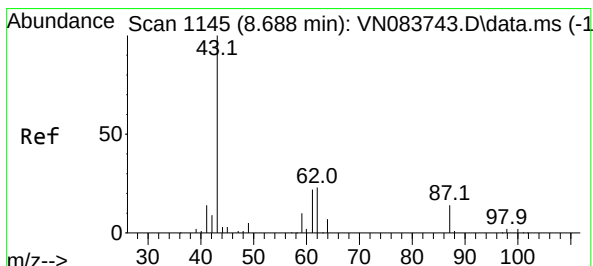
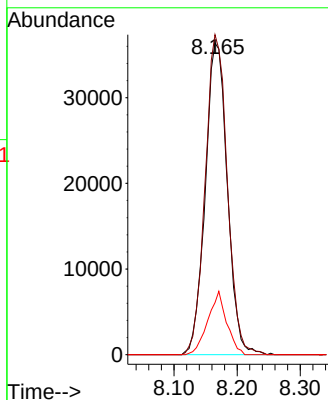
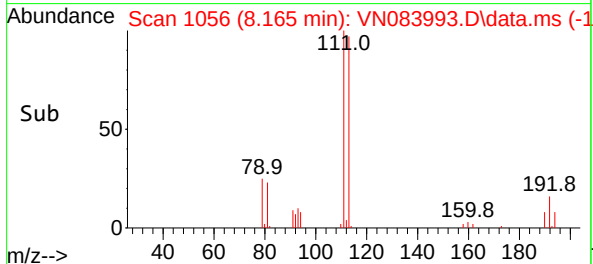
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	17.4	14.3	21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2024



#43

Isopropyl Acetate

Concen: 50.441 ug/l m

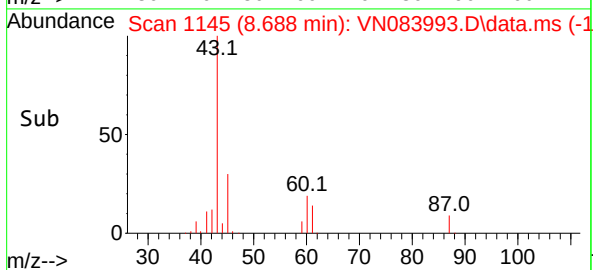
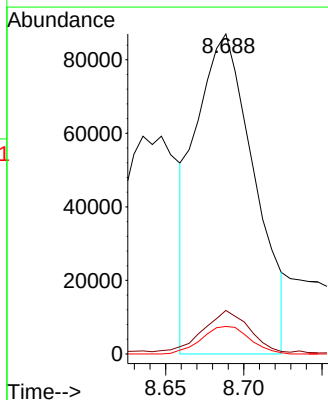
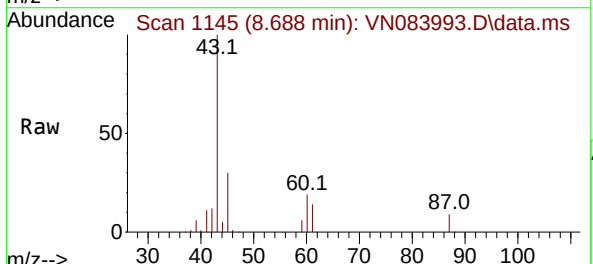
RT: 8.688 min Scan# 1145

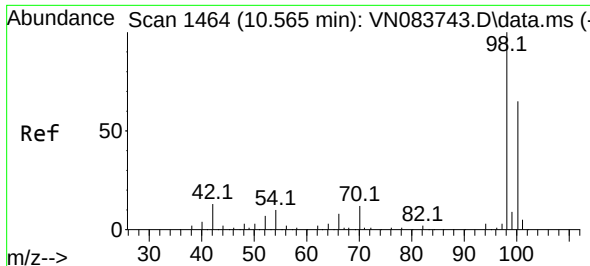
Delta R.T. 0.000 min

Lab File: VN083993.D

Acq: 18 Sep 2024 19:27

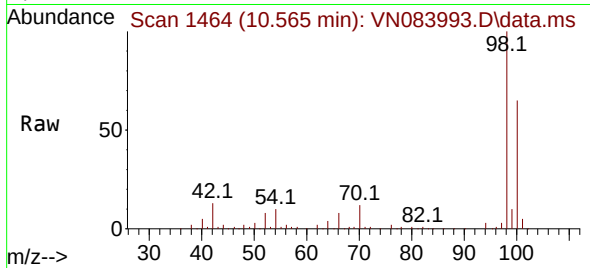
Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.2	19.4	29.0#
87	7.1	9.8	14.6#





#50
Toluene-d8
Concen: 53.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

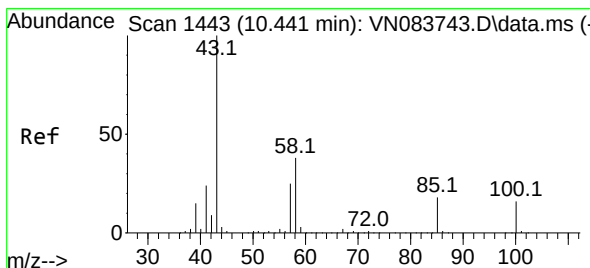
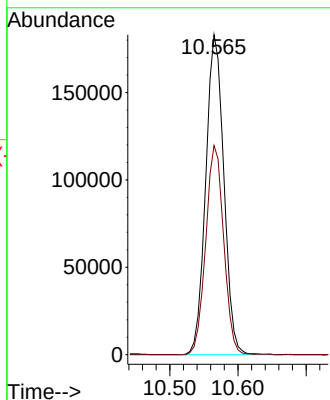
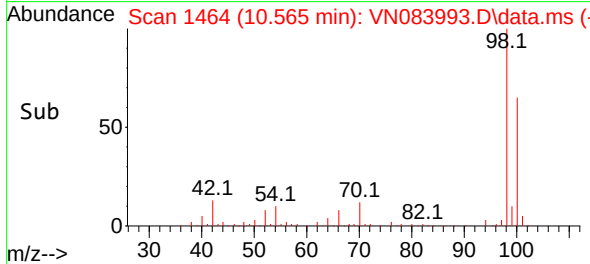
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#10



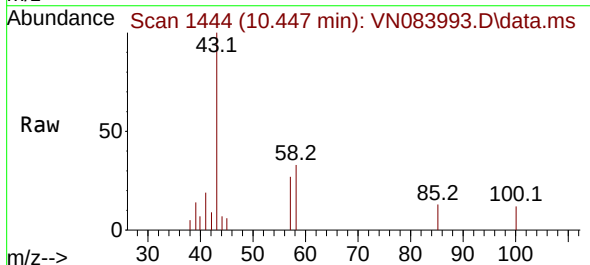
Tgt Ion: 98 Resp: 33823
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

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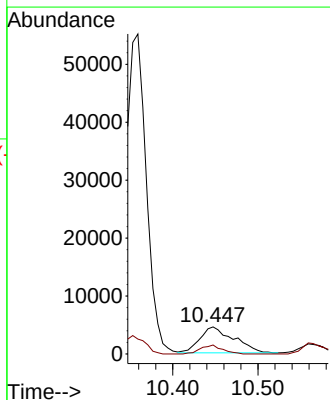
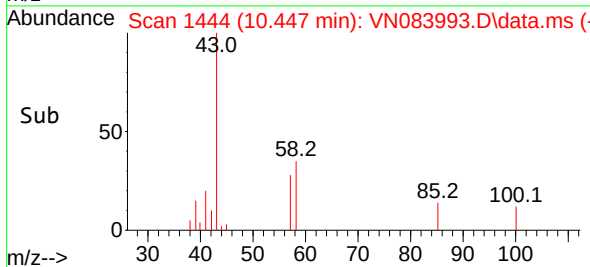
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

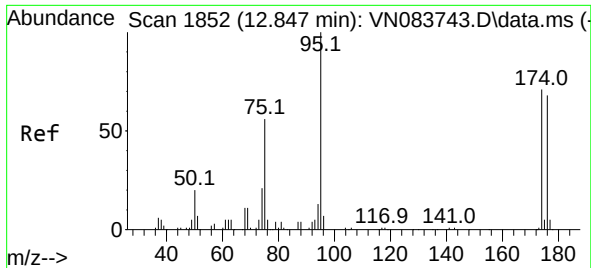


#51
4-Methyl-2-Pentanone
Concen: 5.034 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27



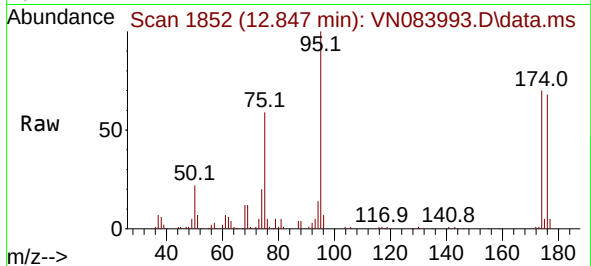
Tgt Ion: 43 Resp: 12302
Ion Ratio Lower Upper
43 100
58 22.1 31.6 47.4#





#62
4-Bromofluorobenzene
Concen: 45.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27

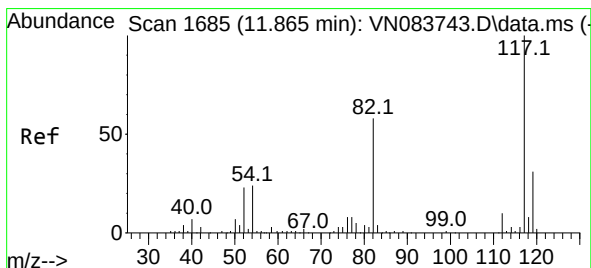
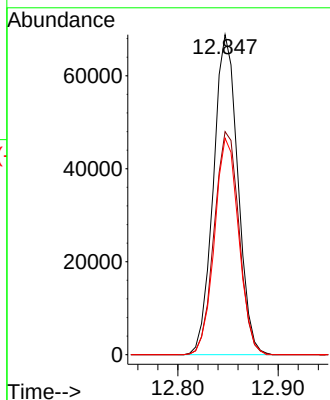
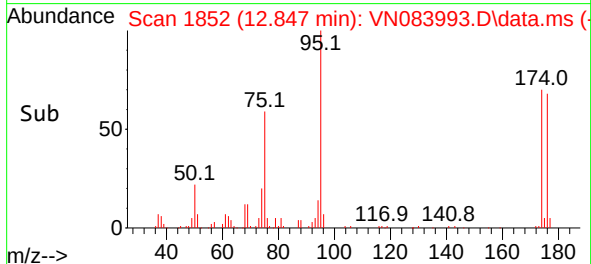
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#10



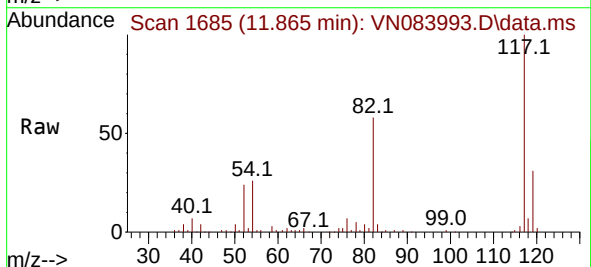
Tgt Ion: 95 Resp: 116549
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 67.2 0.0 131.4

Manual Integrations
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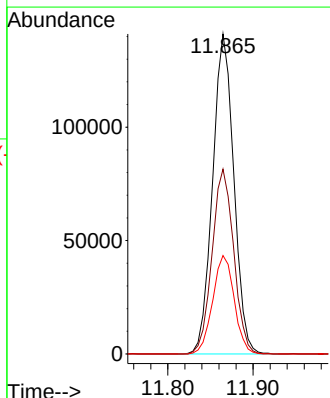
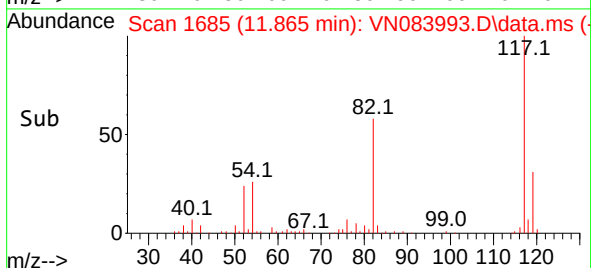
Reviewed By :John Carlone 09/19/2024
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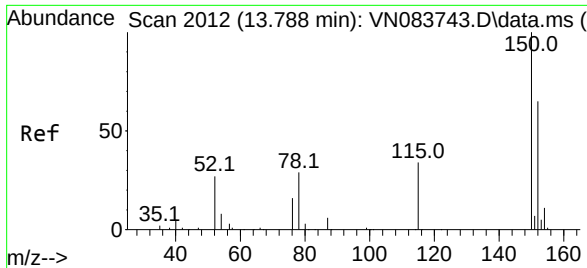


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083993.D
Acq: 18 Sep 2024 19:27



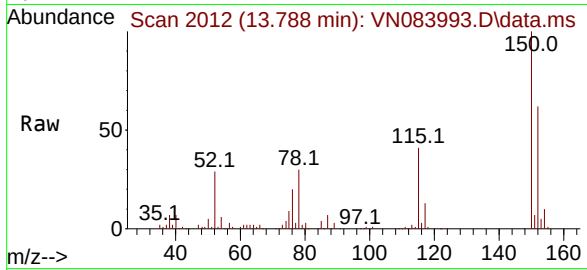
Tgt Ion:117 Resp: 243890
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 30.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083993.D
 Acq: 18 Sep 2024 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#10



Tgt Ion:152 Resp: 9902
 Ion Ratio Lower Upper
 152 100
 115 65.7 32.2 96.6
 150 157.7 0.0 348.6

Manual Integrations
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