

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083985.D
 Acq On : 18 Sep 2024 16:15
 Operator : JC\MD
 Sample : PB163447ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#02

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:35:55 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	177005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132873	49.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.171	113	94247	48.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.560%		
50) Toluene-d8	10.565	98	358247	53.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.280%		
62) 4-Bromofluorobenzene	12.847	95	124097	45.036	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.080%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	46690	43.638	ug/l	99
20) Methylene Chloride	5.283	84	3982	1.819	ug/l	98
25) 2-Butanone	7.488	43	7128	5.069	ug/l #	87
43) Isopropyl Acetate	8.688	43	234839m	49.099	ug/l	

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

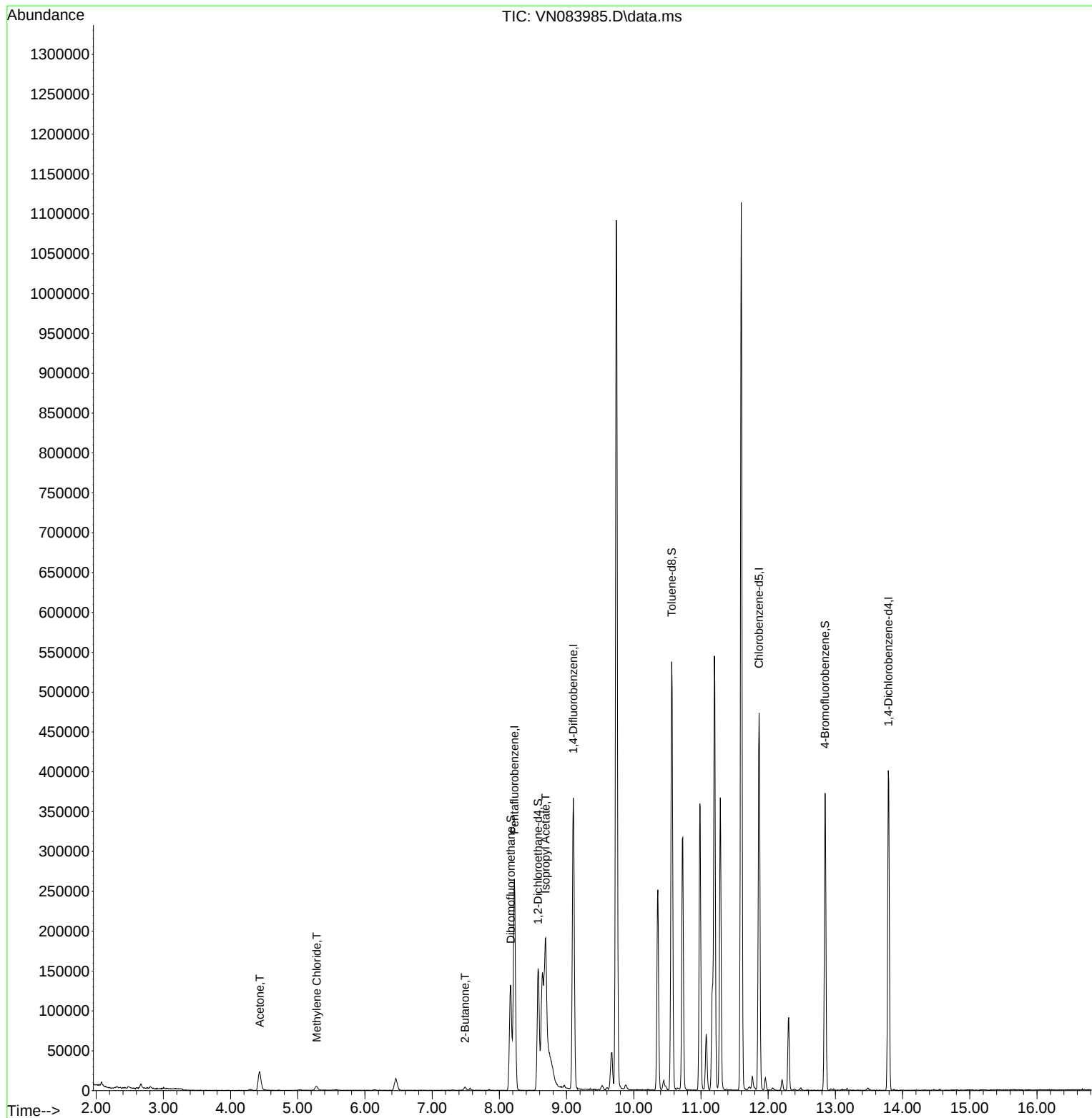
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083985.D
Acq On : 18 Sep 2024 16:15
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

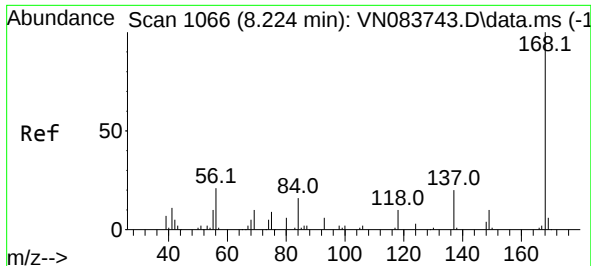
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#02

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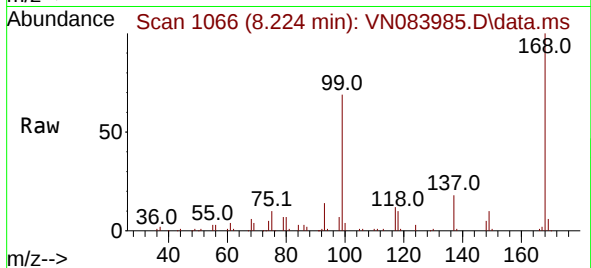
Quant Time: Sep 19 01:35:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

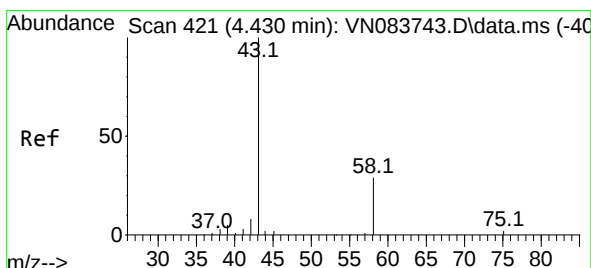
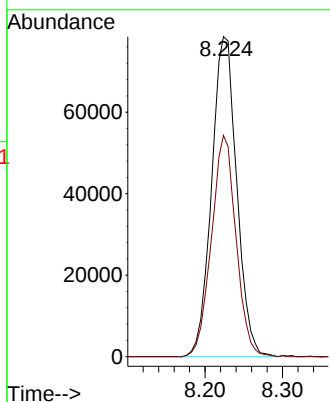
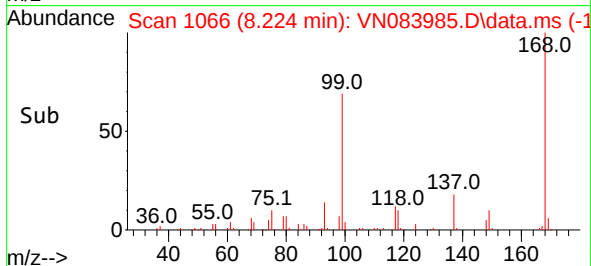
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#02



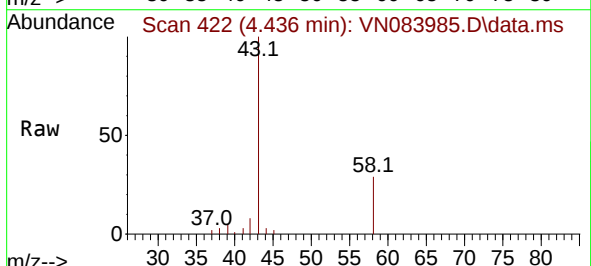
Tgt Ion:168 Resp: 177000
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2

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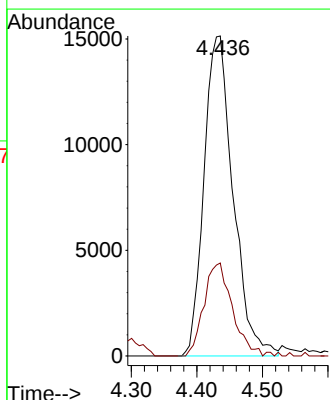
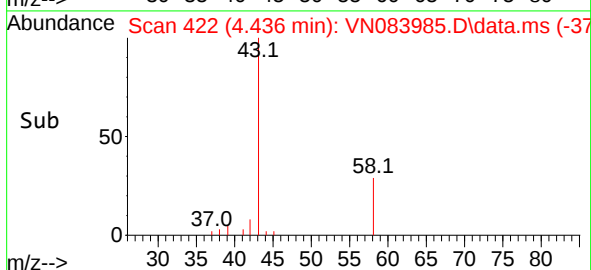
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

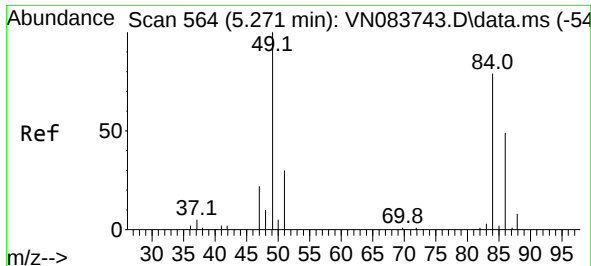


#16
Acetone
Concen: 43.638 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15



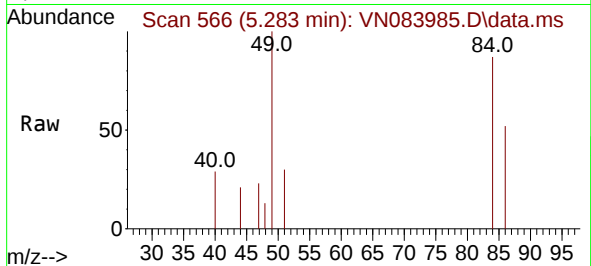
Tgt Ion: 43 Resp: 46690
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5





#20
Methylene Chloride
Concen: 1.819 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

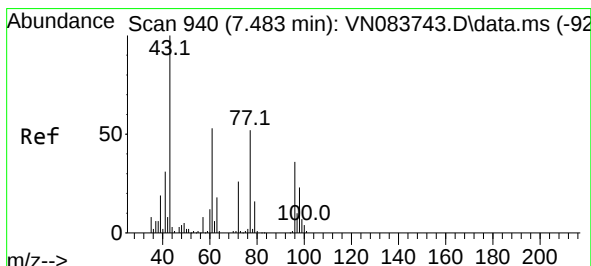
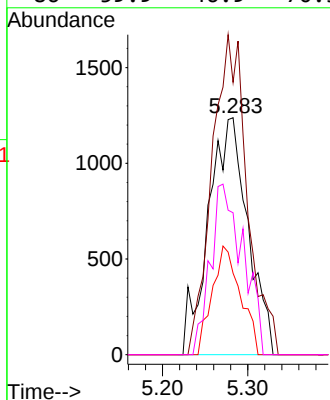
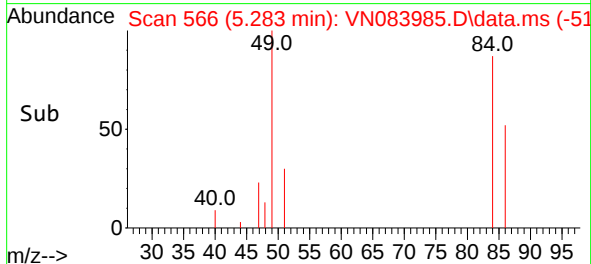
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#02



Tgt Ion:	84	Resp:	398
Ion	Ratio	Lower	Upper
84	100		
49	114.9	93.4	140.0
51	34.4	29.2	43.8
86	59.9	46.9	70.3

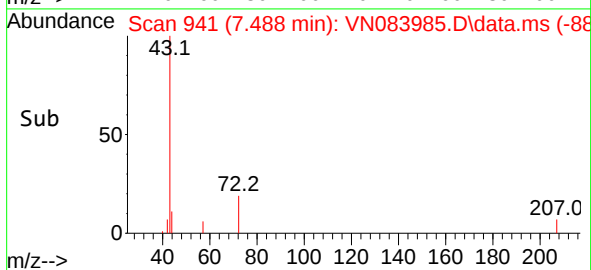
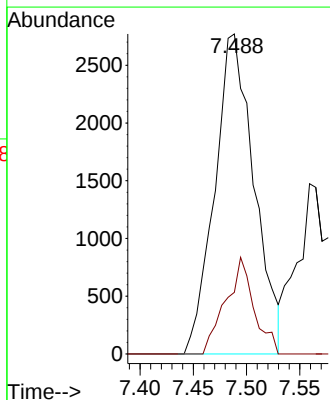
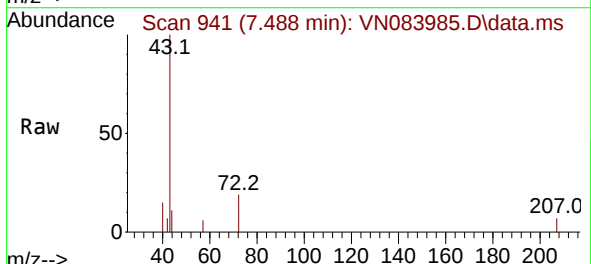
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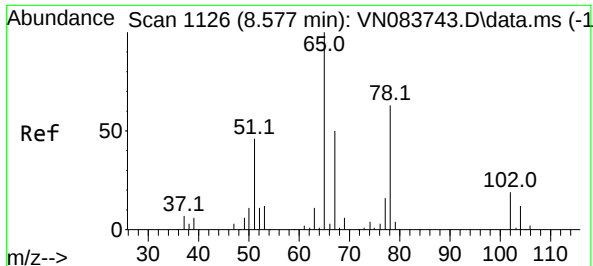
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 5.069 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

Tgt Ion:	43	Resp:	7128
Ion	Ratio	Lower	Upper
43	100		
72	19.2	20.8	31.2#





#33

1,2-Dichloroethane-d4

Concen: 49.784 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083985.D

Acq: 18 Sep 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#02

Tgt Ion: 65 Resp: 13287

Ion Ratio Lower Upper

65 100

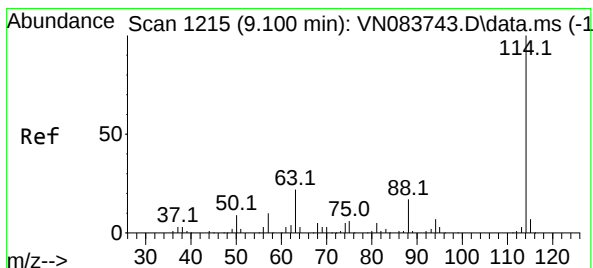
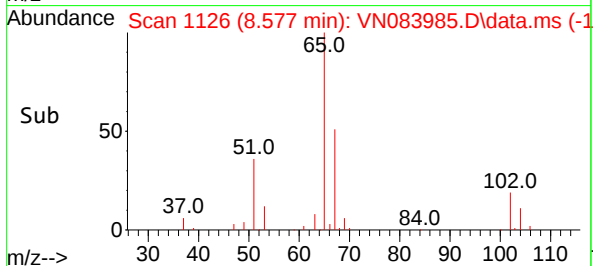
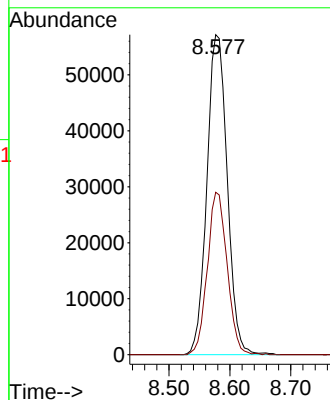
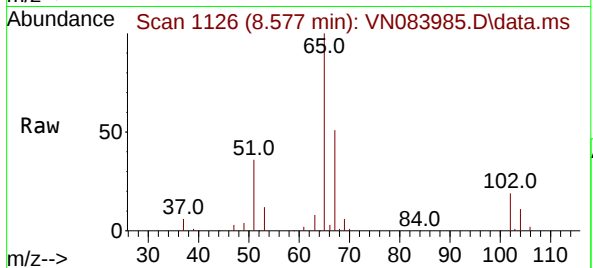
67 49.3 0.0 100.8

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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: VN083985.D

Acq: 18 Sep 2024 16:15

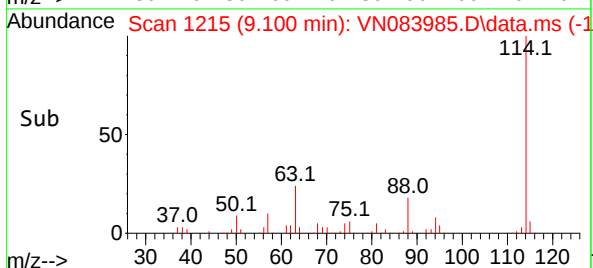
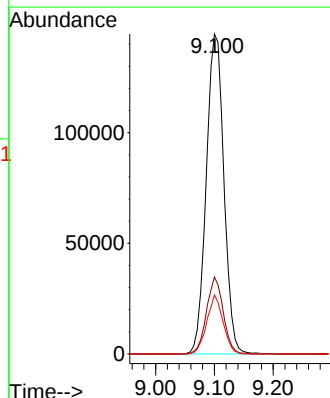
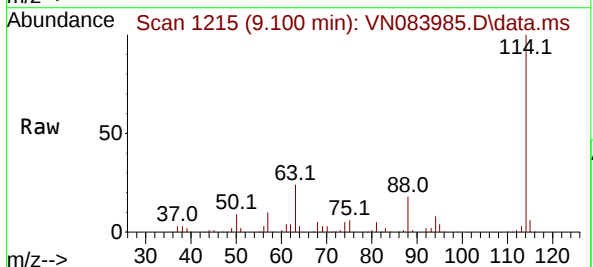
Tgt Ion:114 Resp: 301774

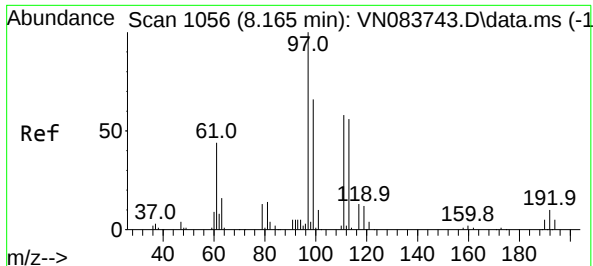
Ion Ratio Lower Upper

114 100

63 24.0 0.0 43.4

88 18.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.784 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083985.D

Acq: 18 Sep 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#02

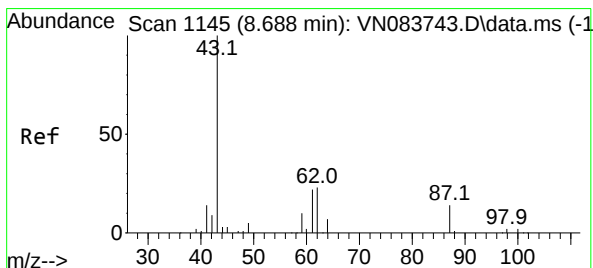
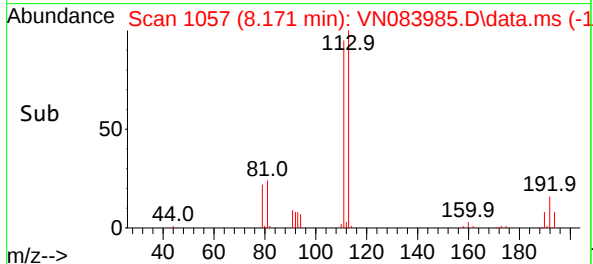
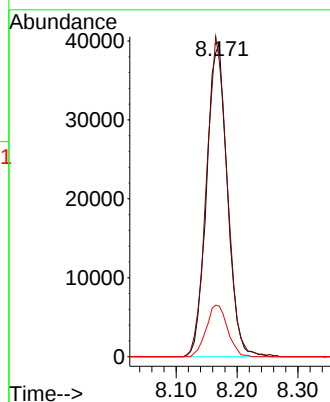
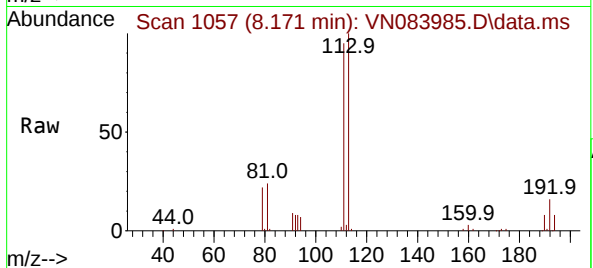
Tgt Ion:	113	Resp:	9424
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.6	124.0
192	16.8	14.3	21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2024



#43

Isopropyl Acetate

Concen: 49.099 ug/l m

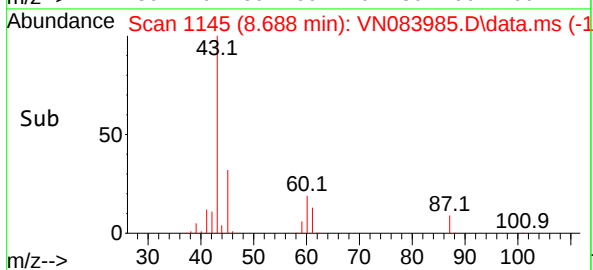
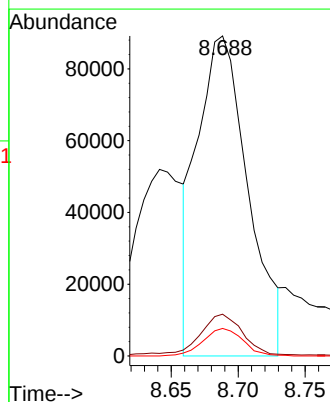
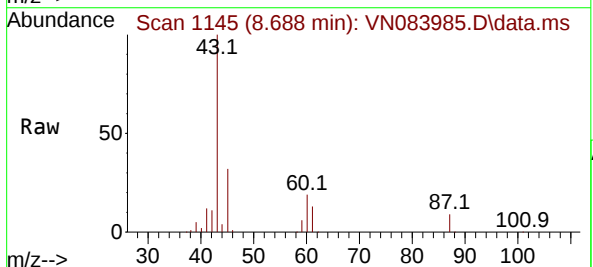
RT: 8.688 min Scan# 1145

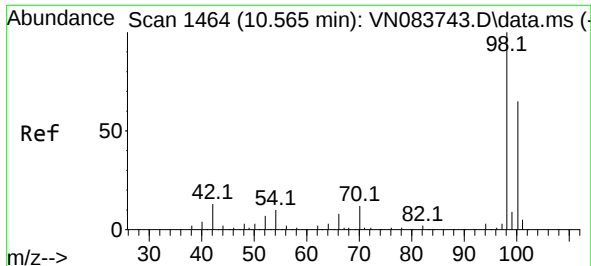
Delta R.T. -0.000 min

Lab File: VN083985.D

Acq: 18 Sep 2024 16:15

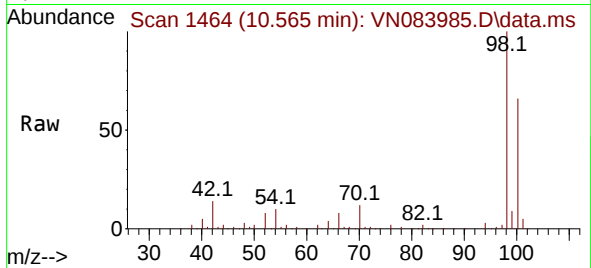
Tgt Ion:	43	Resp:	234839
Ion Ratio	Lower	Upper	
43	100		
61	11.2	19.4	29.0#
87	6.8	9.8	14.6#





#50
Toluene-d8
Concen: 53.640 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

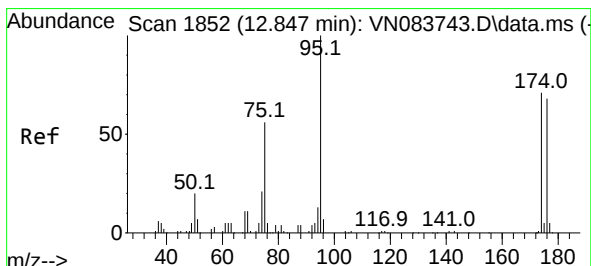
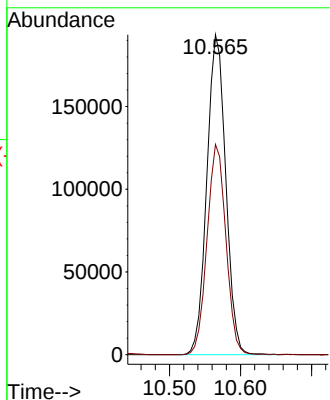
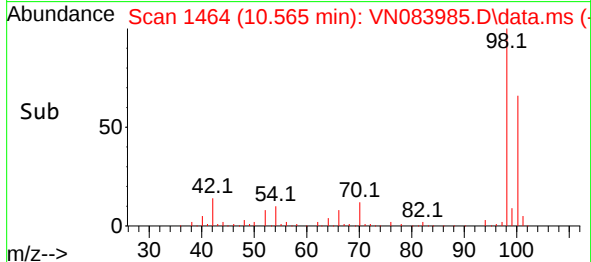
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#02



Tgt Ion: 98 Resp: 35824
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

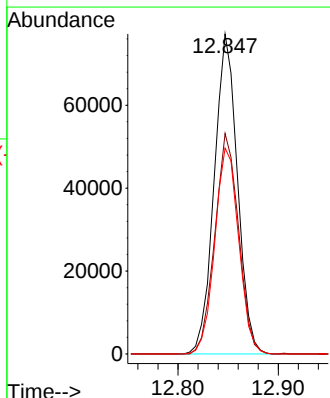
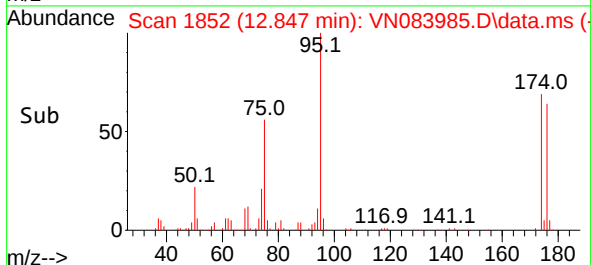
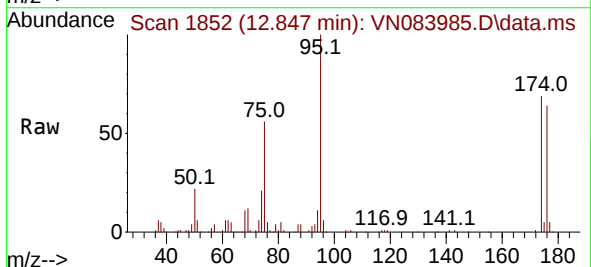
Manual Integrations
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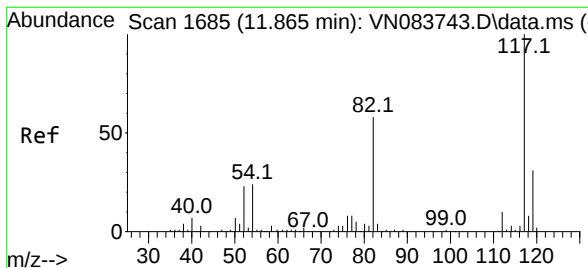
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#62
4-Bromofluorobenzene
Concen: 45.036 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

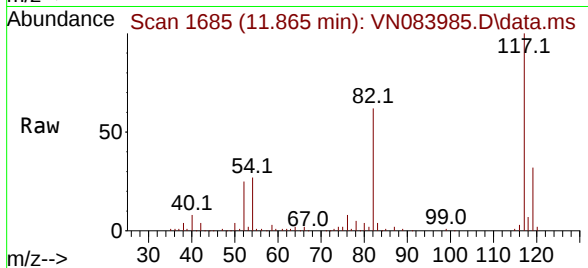
Tgt Ion: 95 Resp: 124097
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 66.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15

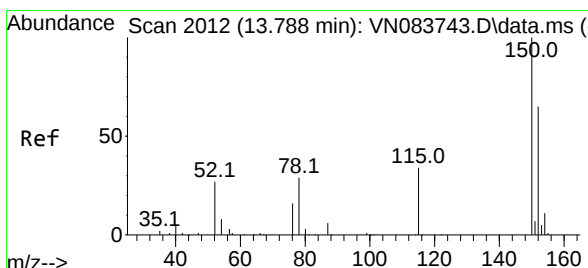
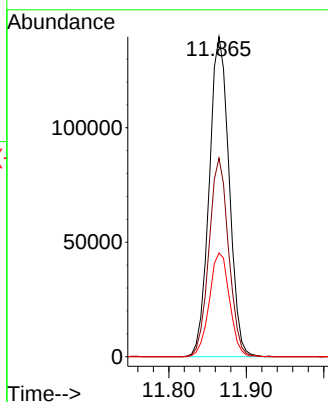
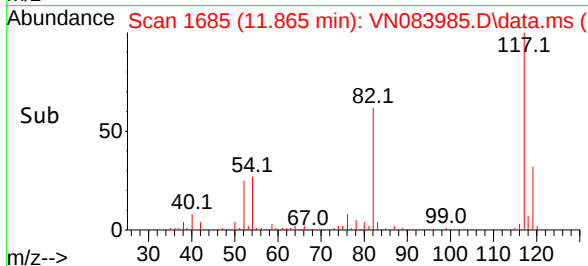
Instrument :
MSVOA_N
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PB163447ZHE#02



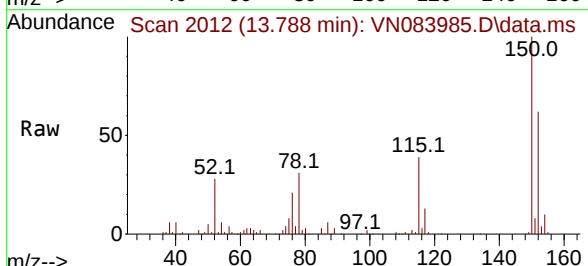
Tgt Ion:117 Resp: 249085
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.0
119 32.4 26.3 39.5

Manual Integrations
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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: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083985.D
Acq: 18 Sep 2024 16:15



Tgt Ion:152 Resp: 101318
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 161.4 0.0 348.6

