

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086207.D
 Acq On : 02 Apr 2025 14:43
 Operator : JC\MD
 Sample : PB167409TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167409TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Apr 03 01:35:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	115531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	197601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87710	55.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.880%			
35) Dibromofluoromethane	8.165	113	64178	46.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.060%			
50) Toluene-d8	10.565	98	244395	48.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.640%			
62) 4-Bromofluorobenzene	12.847	95	100016	56.026	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.060%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	34269	70.903	ug/l	97
20) Methylene Chloride	5.277	84	51914	36.717	ug/l	93
25) 2-Butanone	7.477	43	3627	5.201	ug/l #	81
43) Isopropyl Acetate	8.683	43	12187m	3.671	ug/l	

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

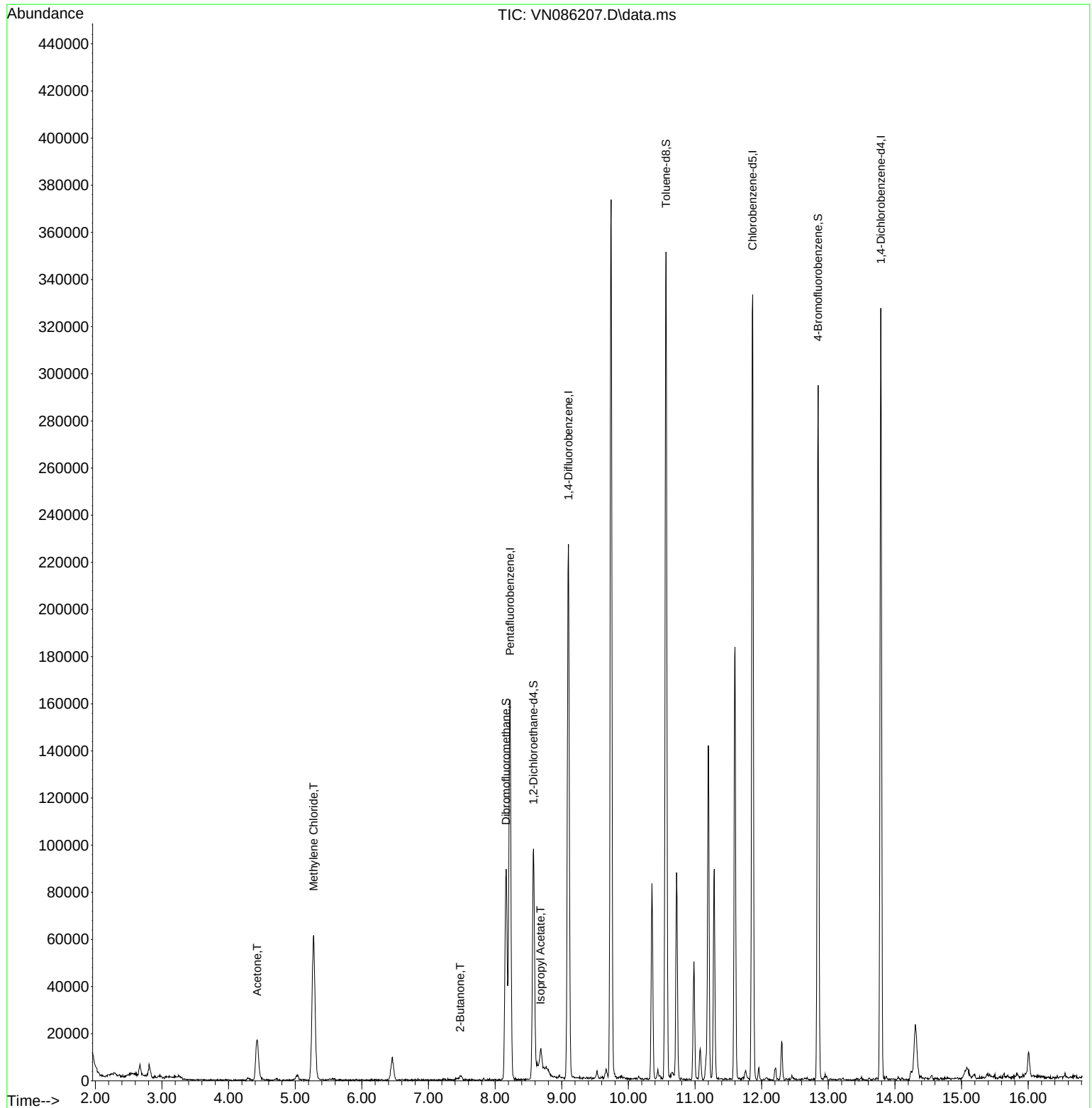
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
Data File : VN086207.D
Acq On : 02 Apr 2025 14:43
Operator : JC\MD
Sample : PB167409TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

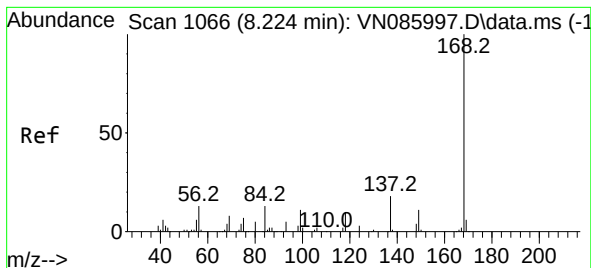
Instrument :
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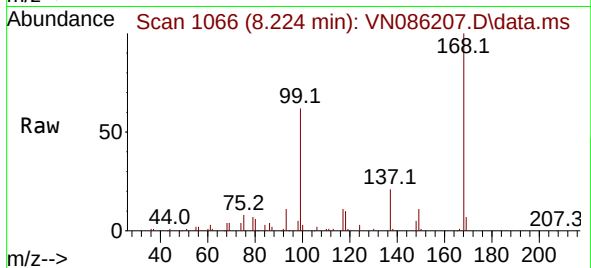
Quant Time: Apr 03 01:35:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

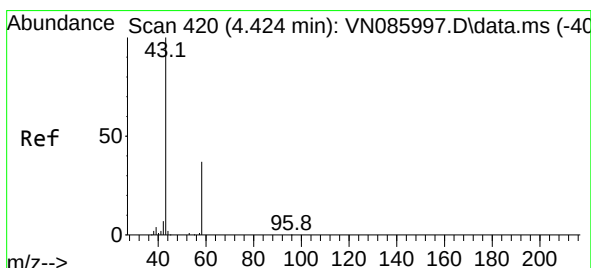
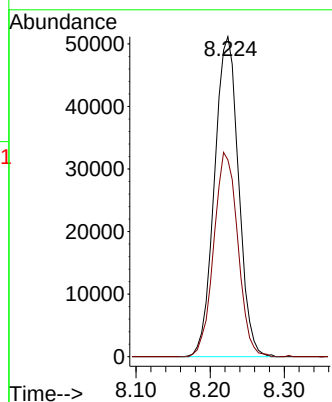
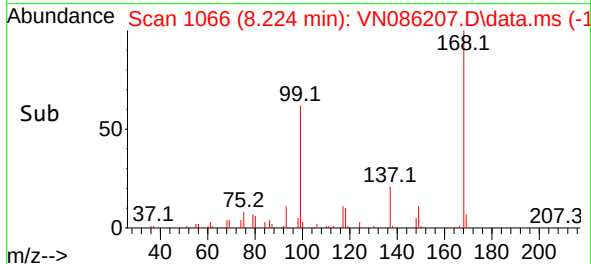
Instrument :
MSVOA_N
ClientSampleId :
PB167409TB



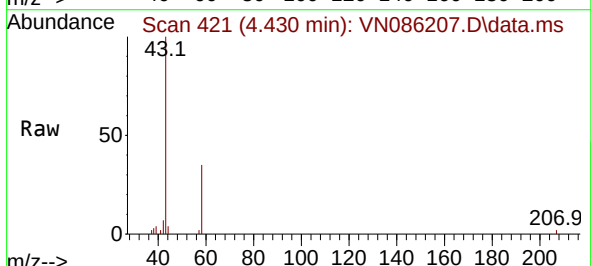
Tgt Ion:168 Resp: 11553
Ion Ratio Lower Upper
168 100
99 61.5 49.4 74.2

Manual Integrations
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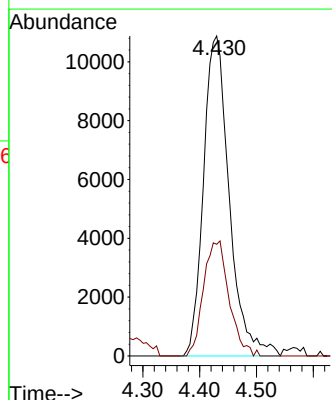
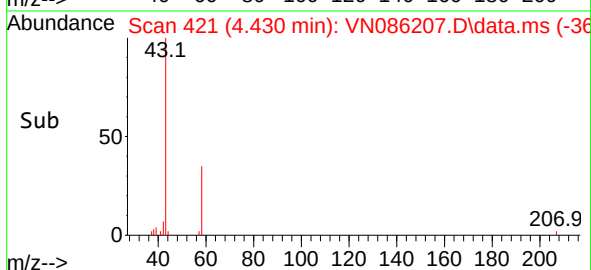
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

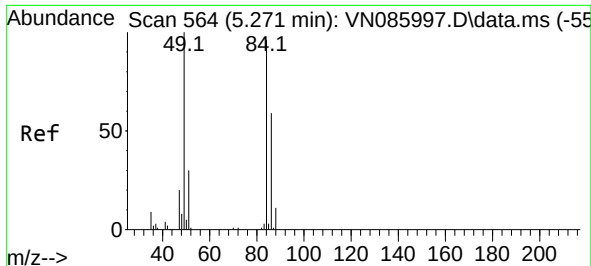


#16
Acetone
Concen: 70.903 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43



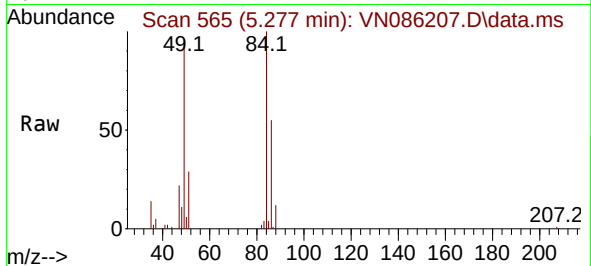
Tgt Ion: 43 Resp: 34269
Ion Ratio Lower Upper
43 100
58 34.9 29.4 44.2





#20
Methylene Chloride
Concen: 36.717 ug/l
RT: 5.277 min Scan# 51914
Delta R.T. 0.006 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

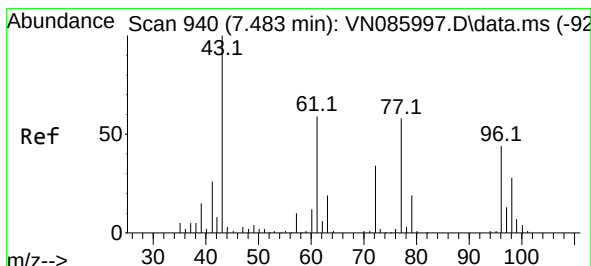
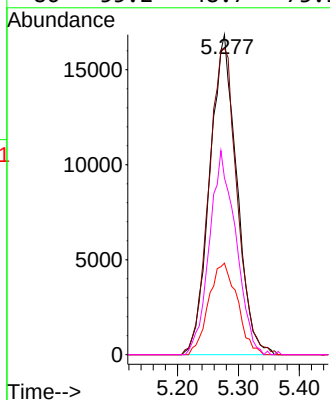
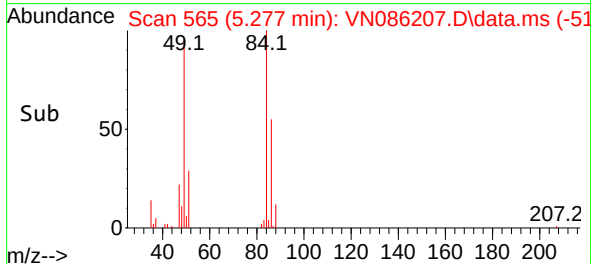
Instrument :
MSVOA_N
ClientSampleId :
PB167409TB



Tgt Ion:	84	Resp:	51914
Ion	Ratio	Lower	Upper
84	100		
49	95.8	83.3	124.9
51	28.6	24.8	37.2
86	55.2	48.7	73.1

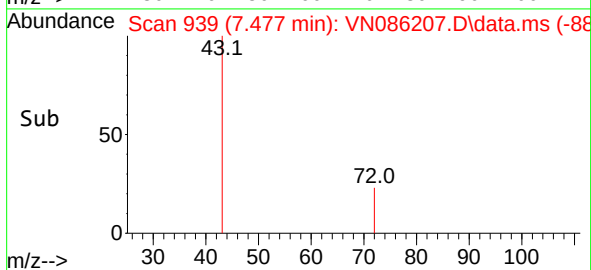
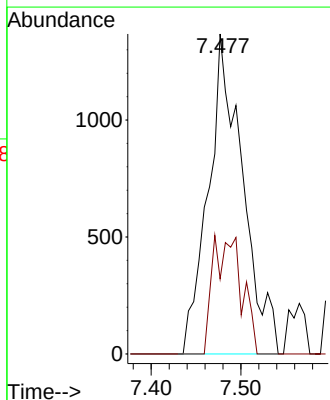
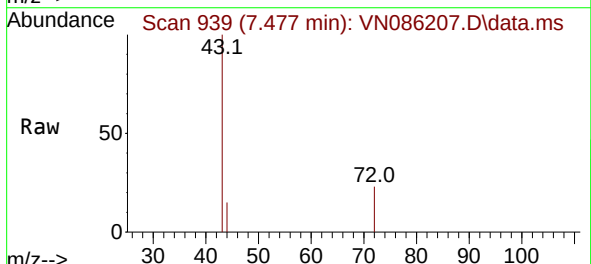
Manual Integrations
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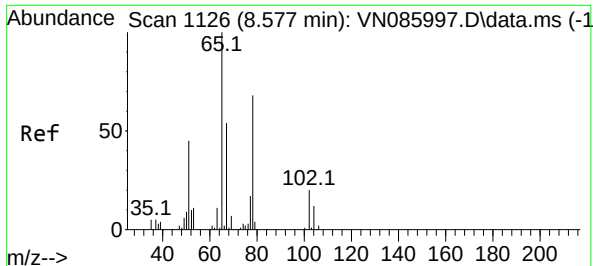
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#25
2-Butanone
Concen: 5.201 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

Tgt Ion:	43	Resp:	3627
Ion	Ratio	Lower	Upper
43	100		
72	23.5	27.4	41.0#





#33

1,2-Dichloroethane-d4

Concen: 55.442 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086207.D

Acq: 02 Apr 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB167409TB

Tgt Ion: 65 Resp: 87710

Ion Ratio Lower Upper

65 100

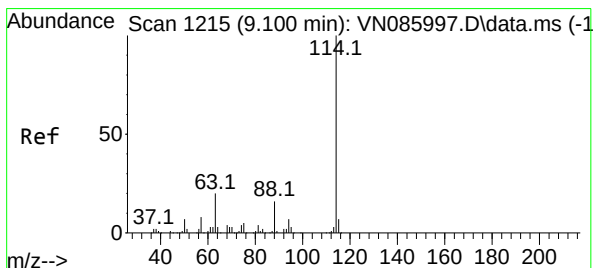
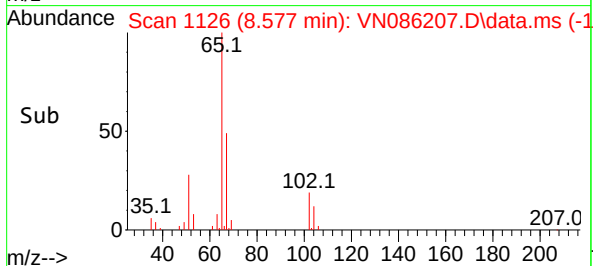
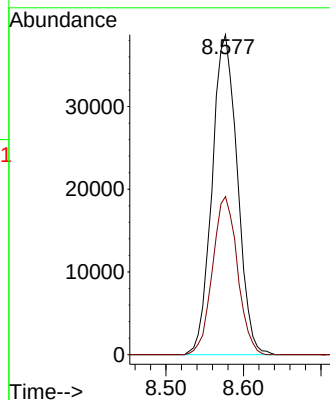
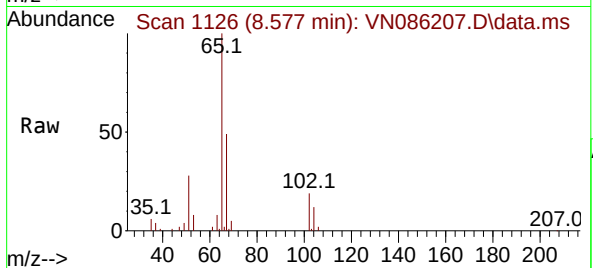
67 48.8 0.0 102.2

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Supervised By :Mahesh Dadoda 04/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086207.D

Acq: 02 Apr 2025 14:43

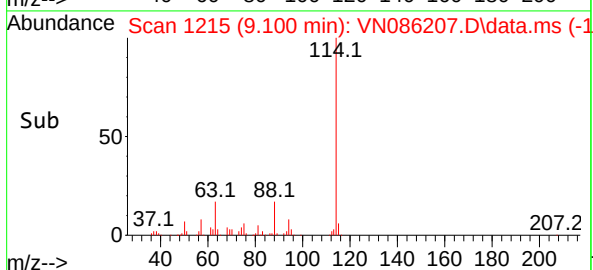
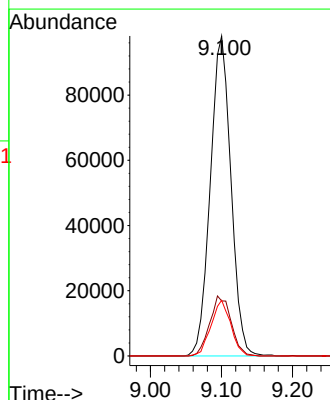
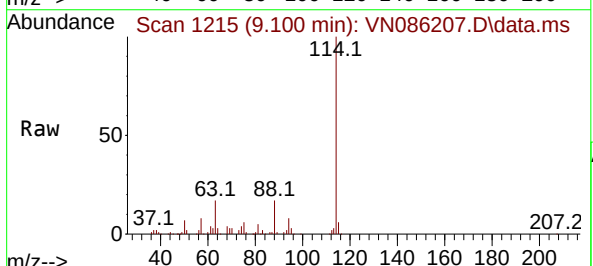
Tgt Ion:114 Resp: 197601

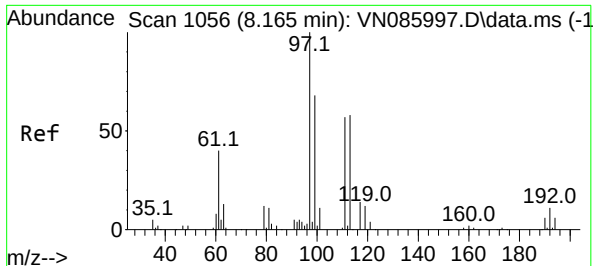
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.532 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086207.D

Acq: 02 Apr 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB167409TB

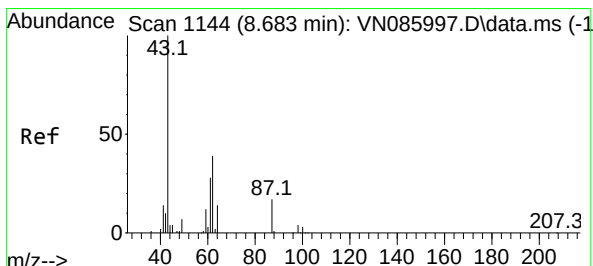
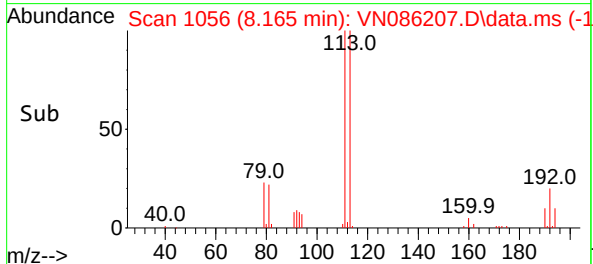
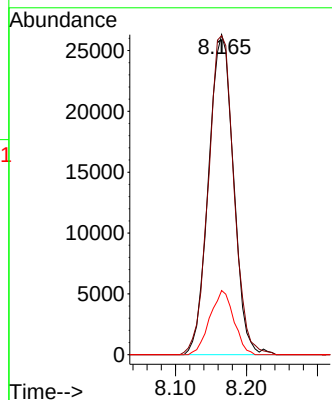
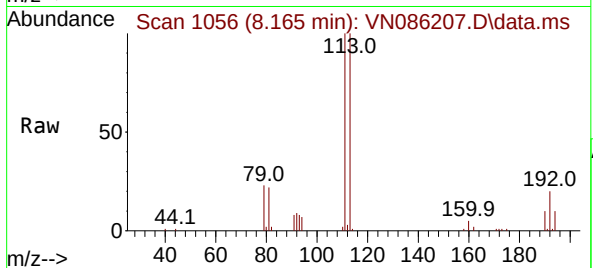
Tgt Ion:	113	Resp:	64178
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	19.2	15.9	23.9

Manual Integrations

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Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#43

Isopropyl Acetate

Concen: 3.671 ug/l m

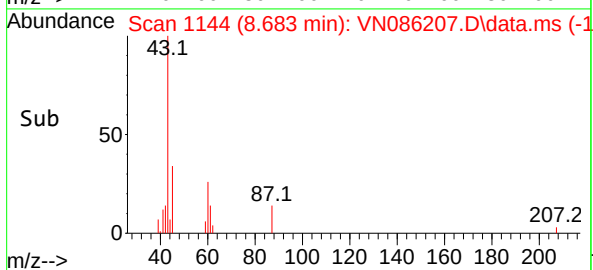
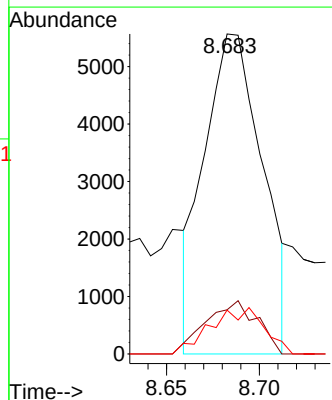
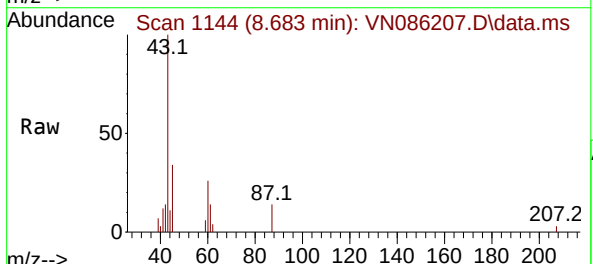
RT: 8.683 min Scan# 1144

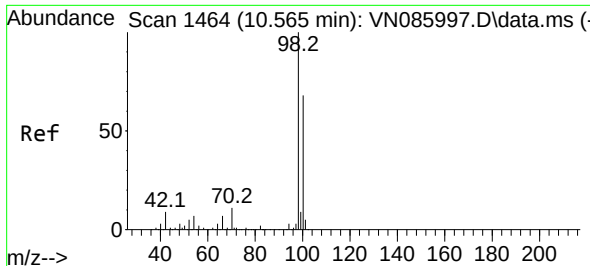
Delta R.T. -0.000 min

Lab File: VN086207.D

Acq: 02 Apr 2025 14:43

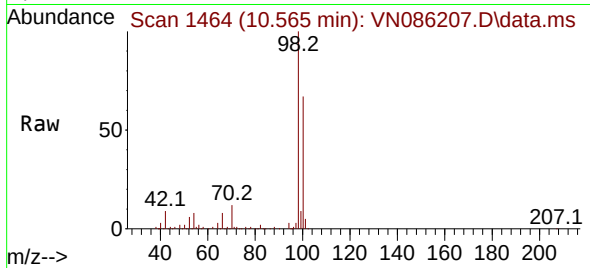
Tgt Ion:	43	Resp:	12187
Ion	Ratio	Lower	Upper
43	100		
61	14.6	25.0	37.6#
87	13.2	13.0	19.4





#50
Toluene-d8
Concen: 48.824 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

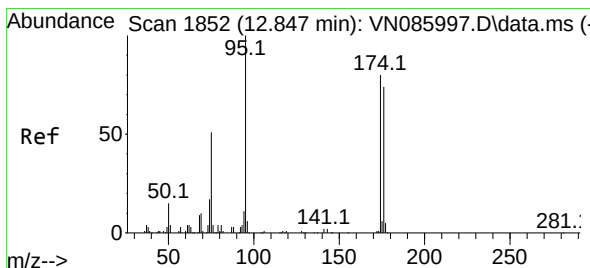
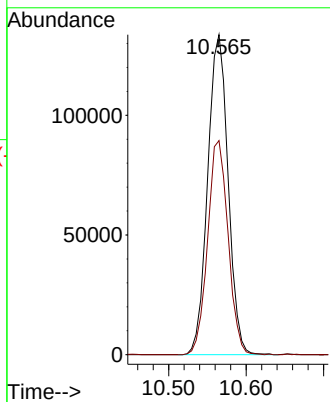
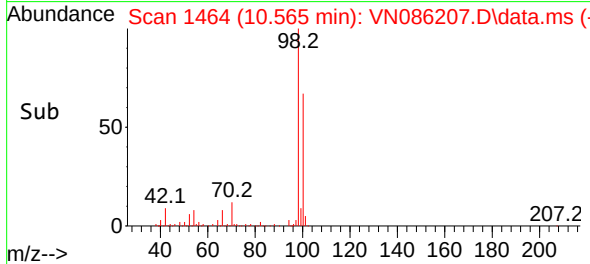
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 98 Resp: 244395
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

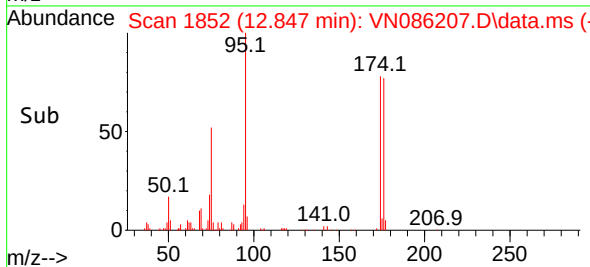
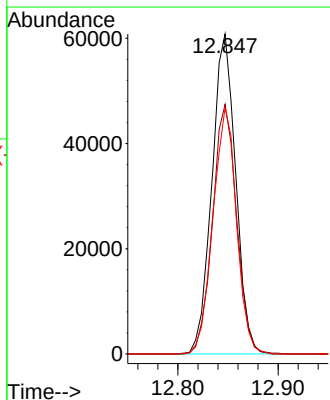
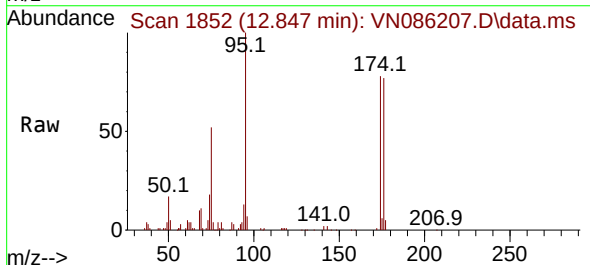
Manual Integrations
APPROVED

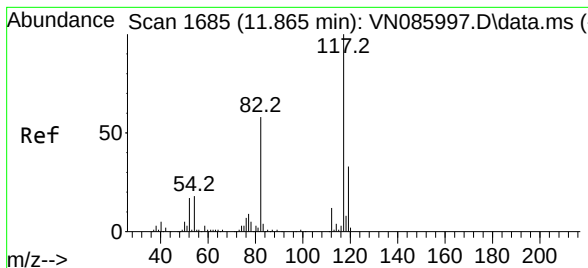
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#62
4-Bromofluorobenzene
Concen: 56.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

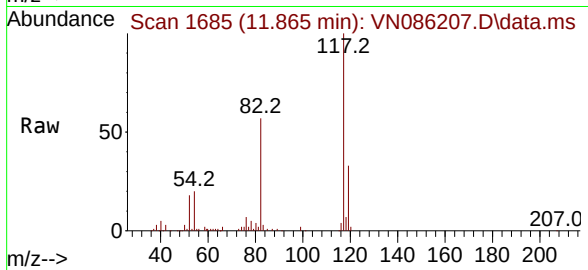
Tgt Ion: 95 Resp: 100016
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.8
176 76.5 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43

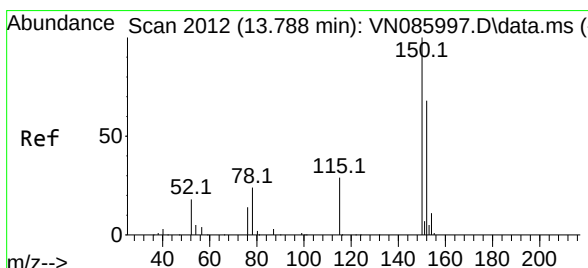
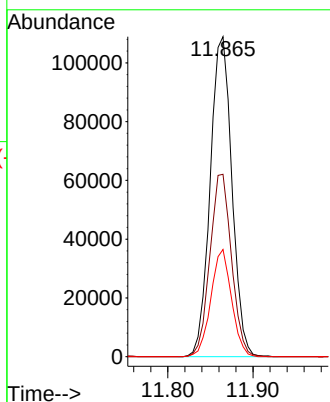
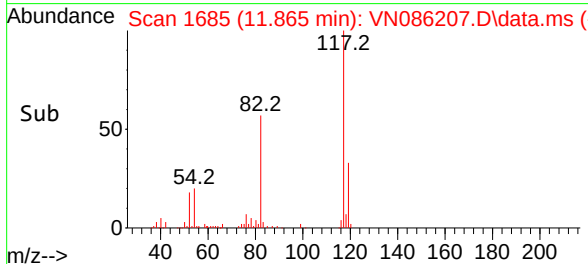
Instrument :
MSVOA_N
ClientSampleId :
PB167409TB



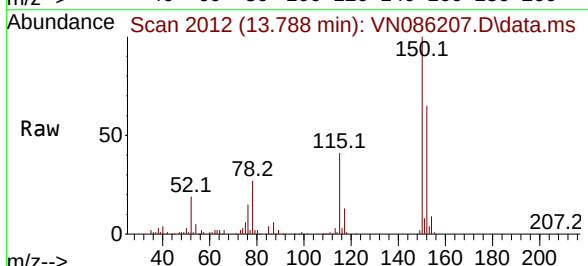
Tgt Ion:117 Resp: 19282
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 33.5 26.5 39.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086207.D
Acq: 02 Apr 2025 14:43



Tgt Ion:152 Resp: 87735
Ion Ratio Lower Upper
152 100
115 63.2 31.1 93.2
150 158.9 0.0 359.6

