

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086208.D
 Acq On : 02 Apr 2025 15:07
 Operator : JC\MD
 Sample : Q1680-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 03 01:35:57 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	124873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	198044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	92436	54.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	8.165	113	69483	48.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.400%			
50) Toluene-d8	10.564	98	259147	49.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.847	95	102457	54.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.840%			
Target Compounds						
16) Acetone	4.424	43	69005	132.092	ug/l	99
20) Methylene Chloride	5.277	84	45970	30.080	ug/l	96
25) 2-Butanone	7.476	43	7915	10.500	ug/l	90
43) Isopropyl Acetate	8.682	43	13244m	3.817	ug/l	

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

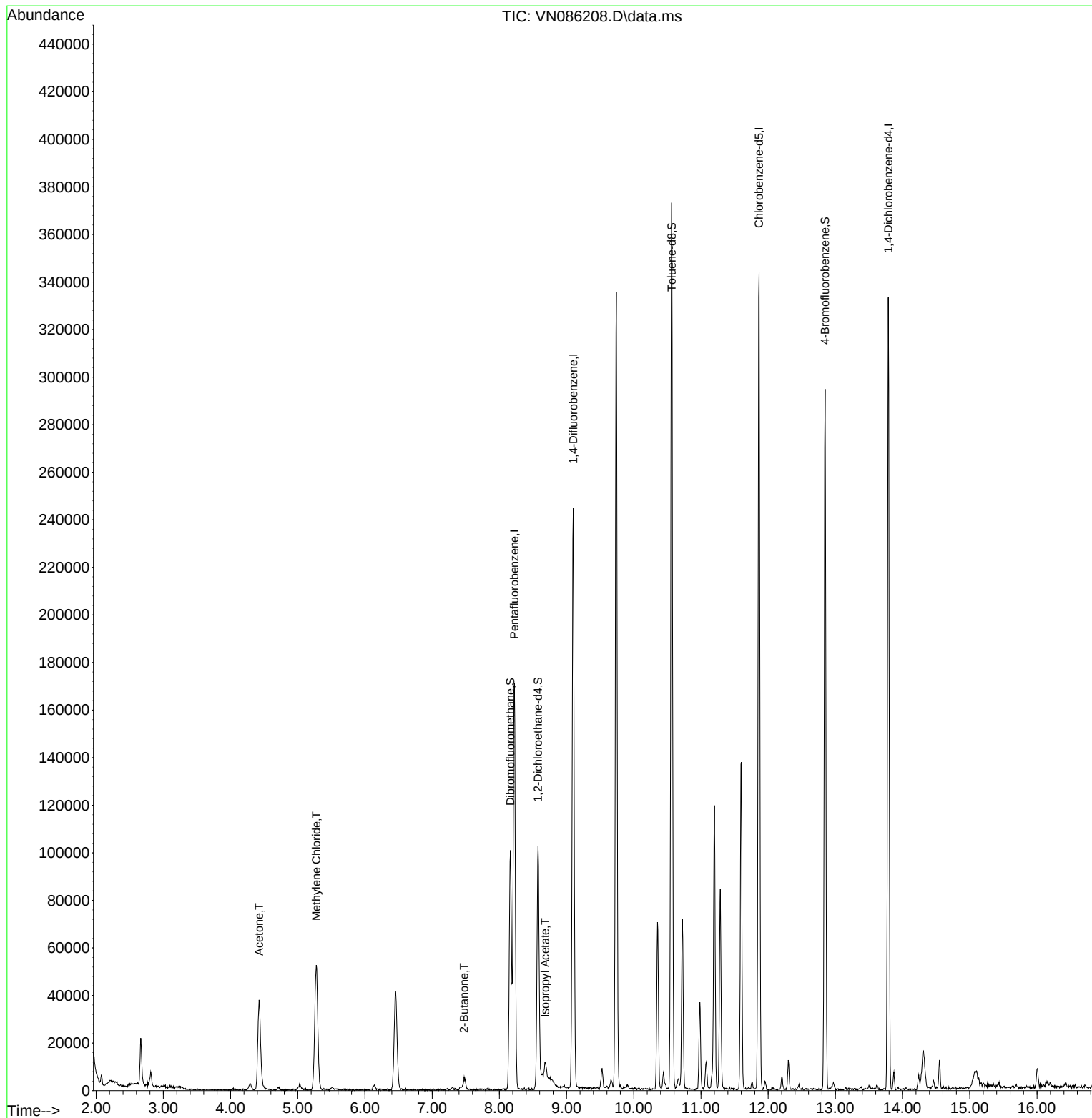
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
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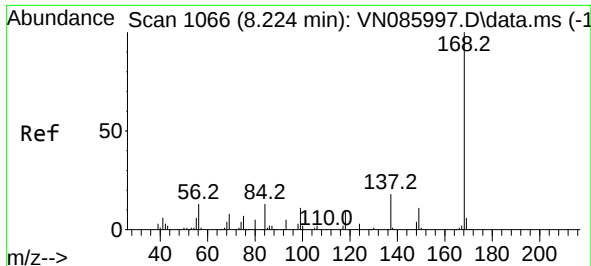
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Quant Time: Apr 03 01:35:57 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

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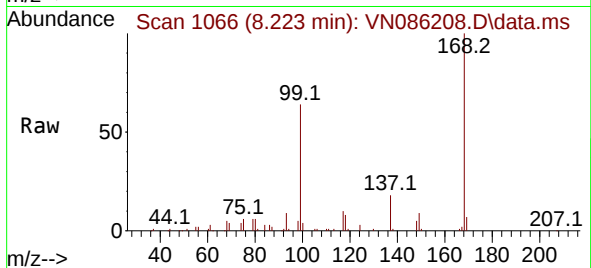
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

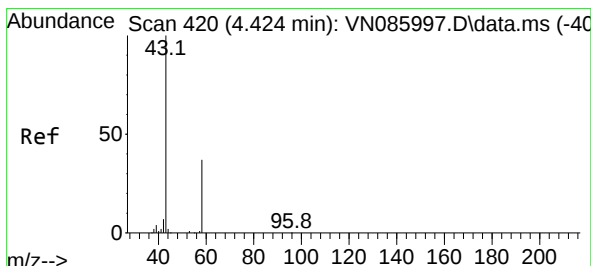
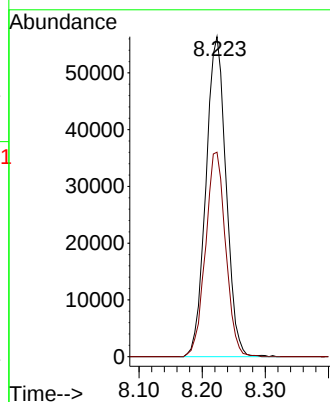
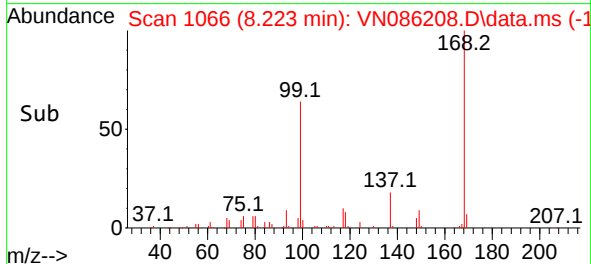
Instrument :
MSVOA_N
ClientSampleId :
TP-4



Tgt Ion:168 Resp: 12487
Ion Ratio Lower Upper
168 100
99 63.9 49.4 74.2

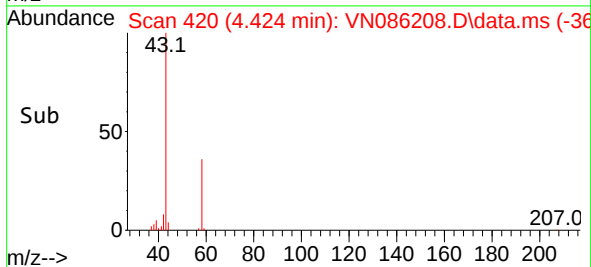
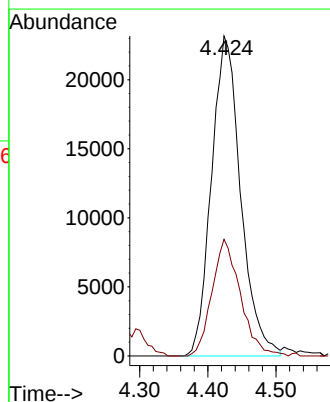
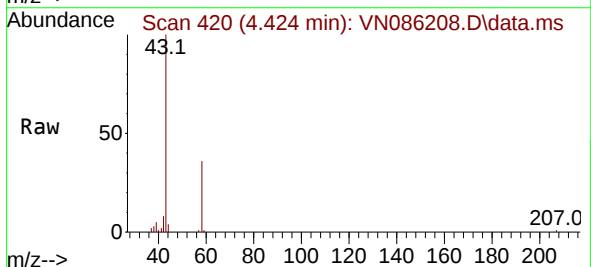
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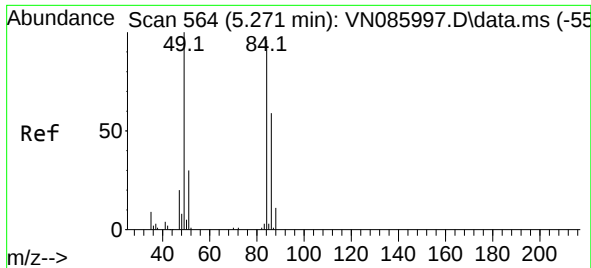
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Acetone
Concen: 132.092 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

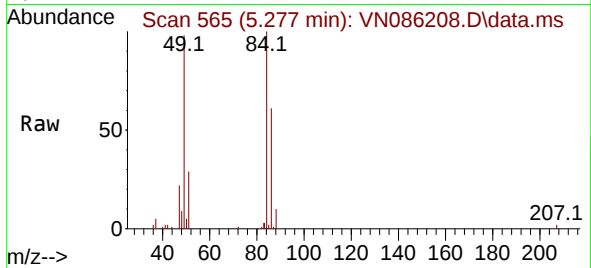
Tgt Ion: 43 Resp: 69005
Ion Ratio Lower Upper
43 100
58 36.4 29.4 44.2





#20
Methylene Chloride
Concen: 30.080 ug/l
RT: 5.277 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

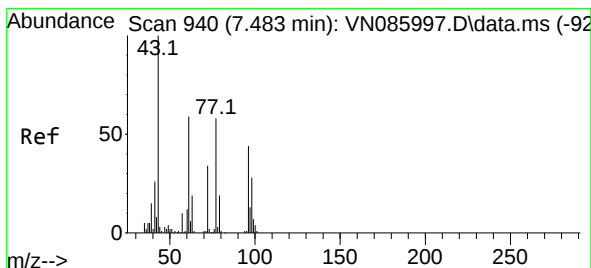
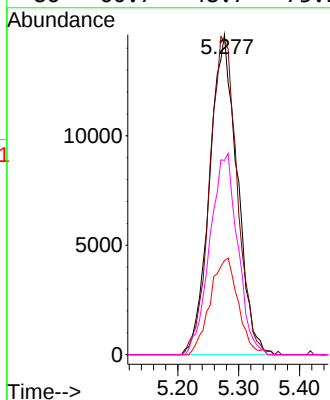
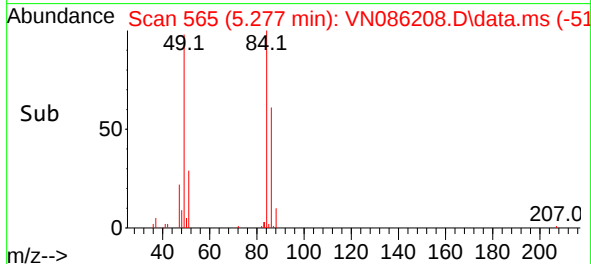
Instrument :
MSVOA_N
ClientSampleId :
TP-4



Tgt Ion: 84	Resp: 45970
Ion Ratio	Lower Upper
84 100	
49 98.0	83.3 124.9
51 29.4	24.8 37.2
86 60.7	48.7 73.1

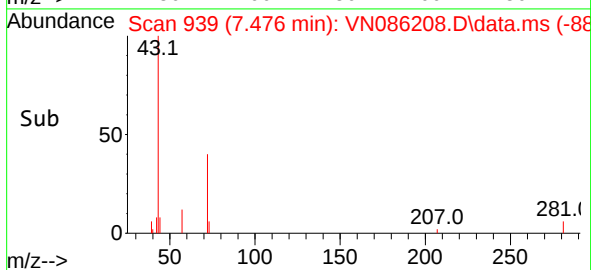
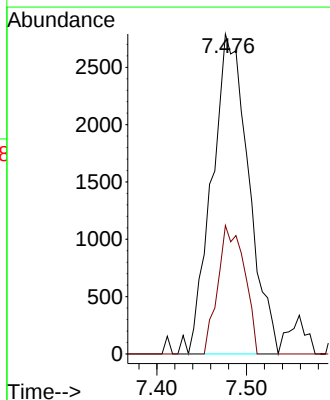
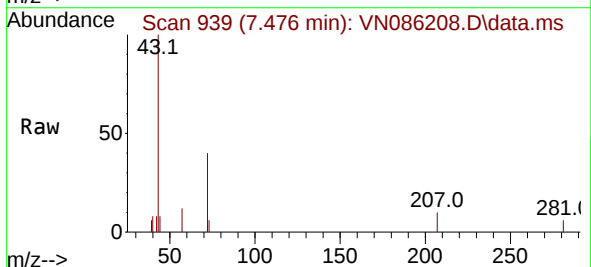
Manual Integrations
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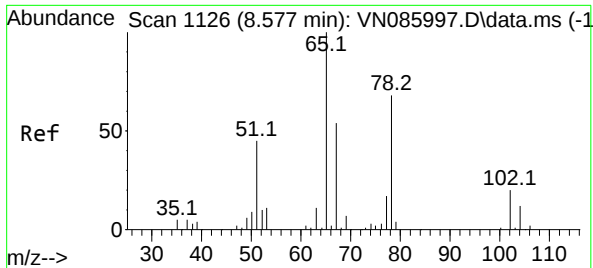
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#25
2-Butanone
Concen: 10.500 ug/l
RT: 7.476 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

Tgt Ion: 43	Resp: 7915		
Ion	Ratio	Lower	Upper
43	100		
72	40.2	27.4	41.0





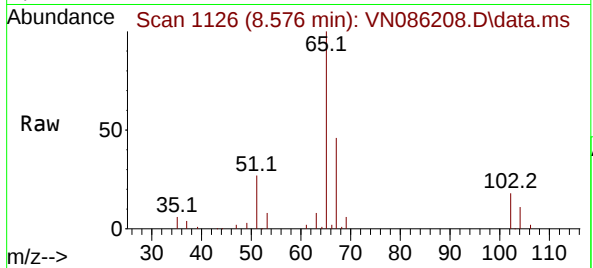
#33
 1,2-Dichloroethane-d4
 Concen: 54.058 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086208.D
 Acq: 02 Apr 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

TP-4



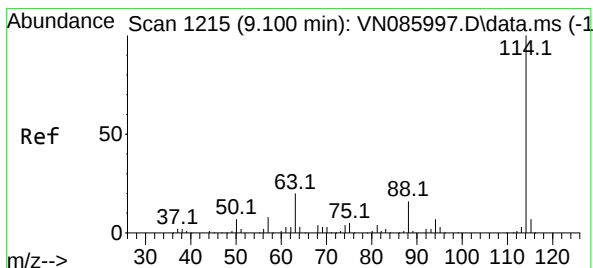
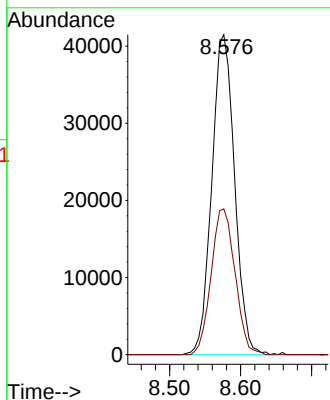
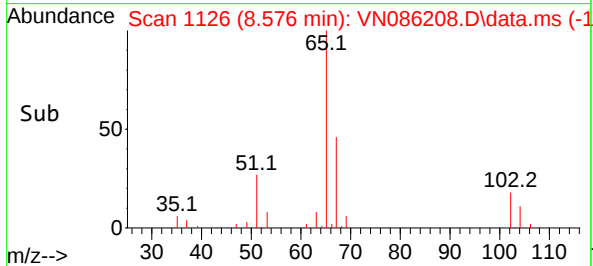
Tgt Ion: 65 Resp: 92436
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 102.2

Manual Integrations

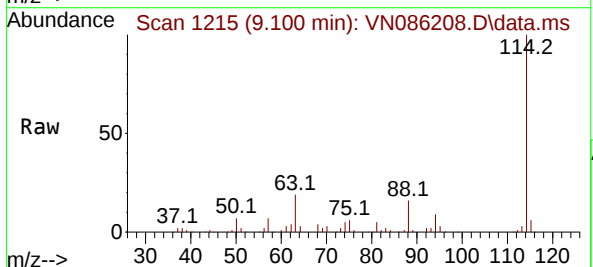
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Reviewed By :John Carlone 04/03/2025

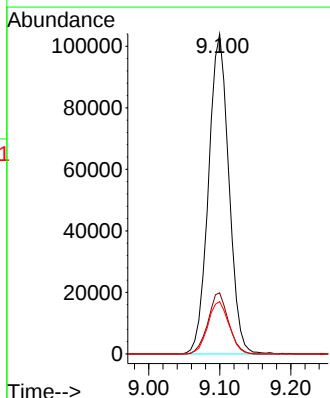
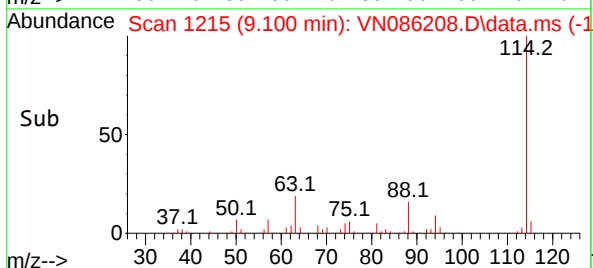
Supervised By :Mahesh Dadoda 04/03/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086208.D
 Acq: 02 Apr 2025 15:07



Tgt Ion:114 Resp: 206514
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.204 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086208.D

Acq: 02 Apr 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

TP-4

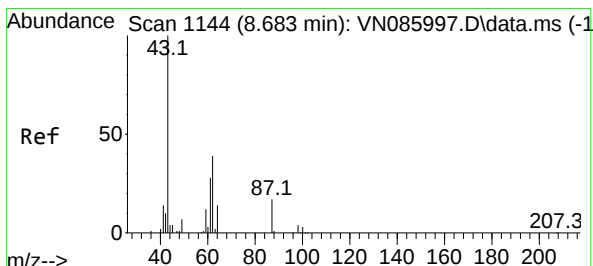
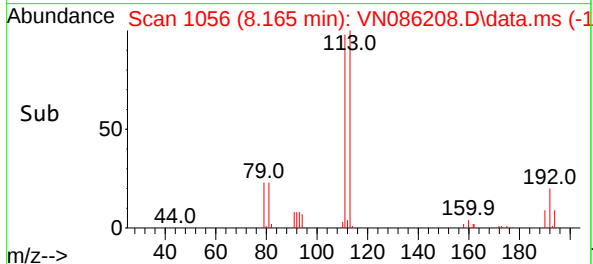
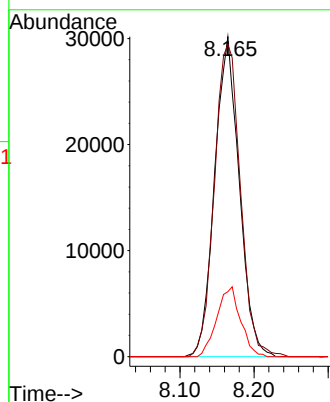
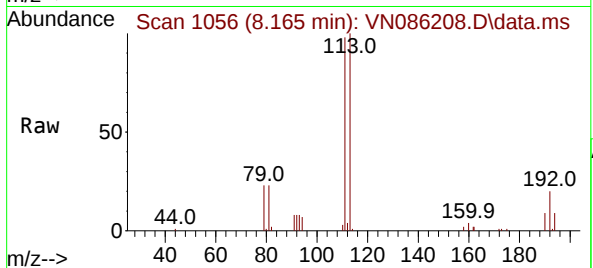
Tgt Ion:	113	Resp:	6948
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	21.1	15.9	23.9

Manual Integrations

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Supervised By :Mahesh Dadoda 04/03/2025



#43

Isopropyl Acetate

Concen: 3.817 ug/l m

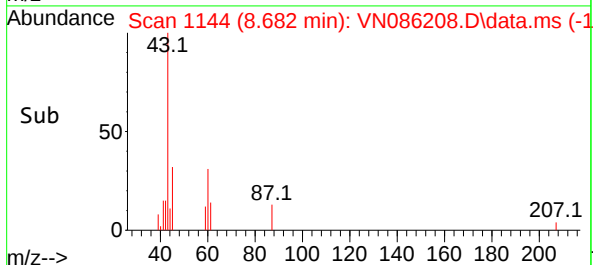
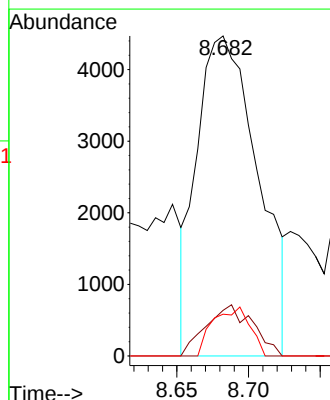
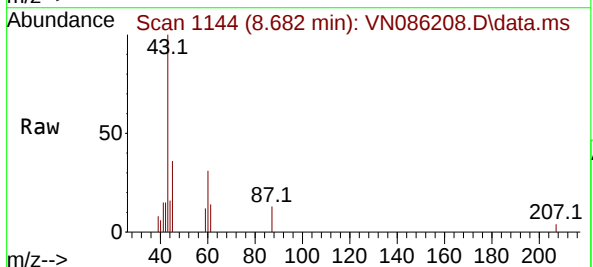
RT: 8.682 min Scan# 1144

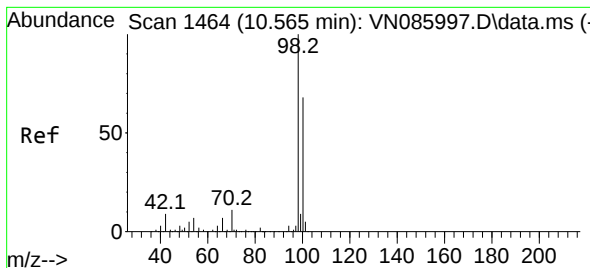
Delta R.T. -0.000 min

Lab File: VN086208.D

Acq: 02 Apr 2025 15:07

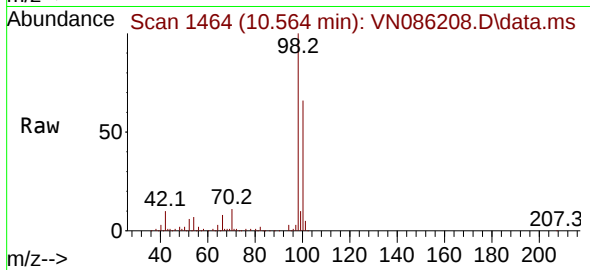
Tgt Ion:	43	Resp:	13244
Ion	Ratio	Lower	Upper
43	100		
61	12.2	25.0	37.6#
87	9.2	13.0	19.4#





#50
Toluene-d8
Concen: 49.537 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

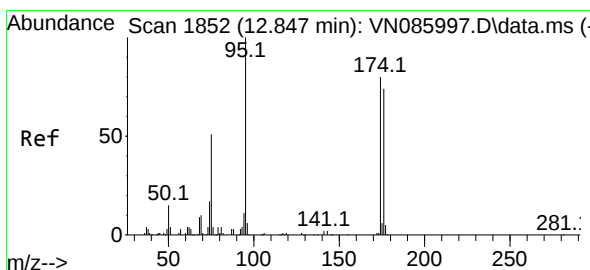
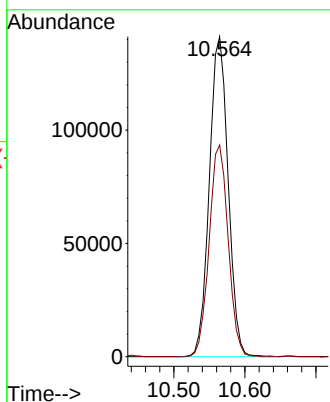
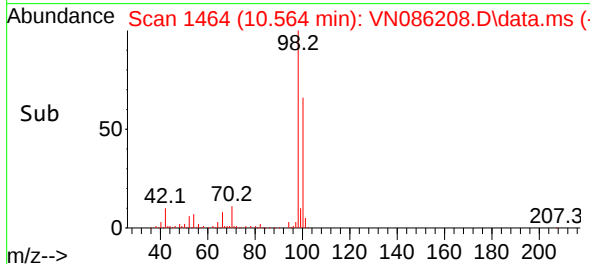
Instrument :
MSVOA_N
ClientSampleId :
TP-4



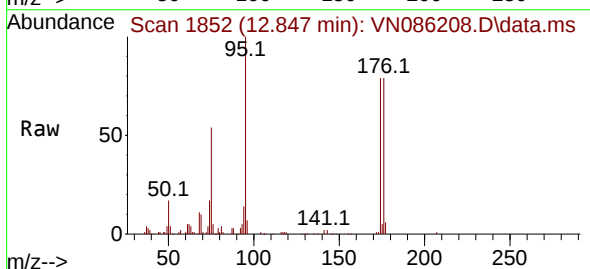
Tgt Ion: 98 Resp: 25914
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

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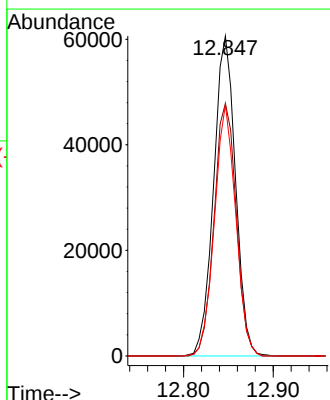
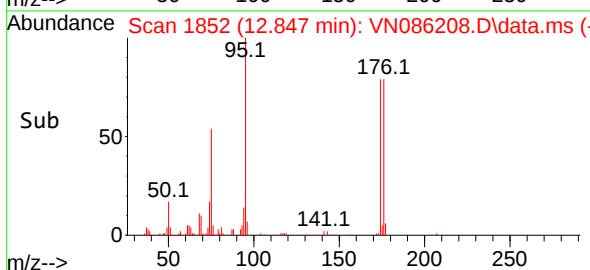
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

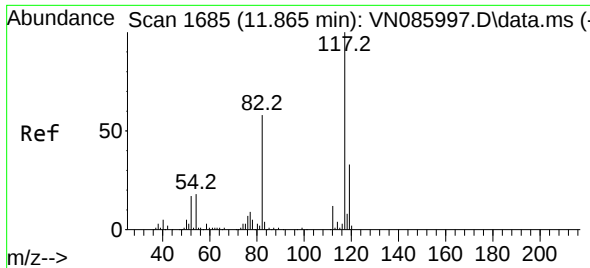


#62
4-Bromofluorobenzene
Concen: 54.917 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07



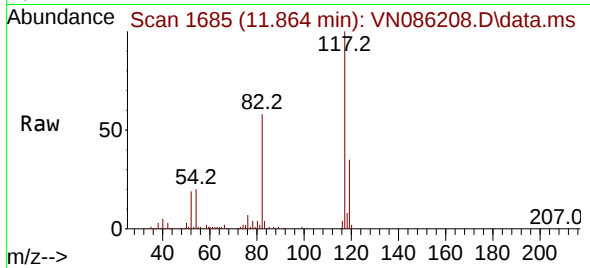
Tgt Ion: 95 Resp: 102457
Ion Ratio Lower Upper
95 100
174 79.9 0.0 156.8
176 76.4 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11864
Delta R.T. -0.000 min
Lab File: VN086208.D
Acq: 02 Apr 2025 15:07

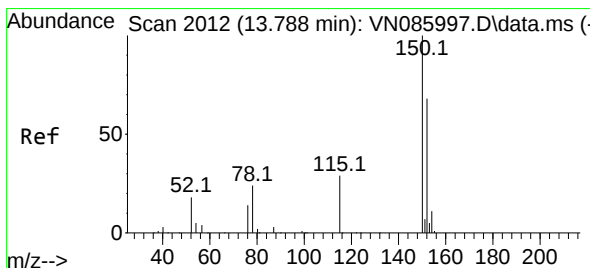
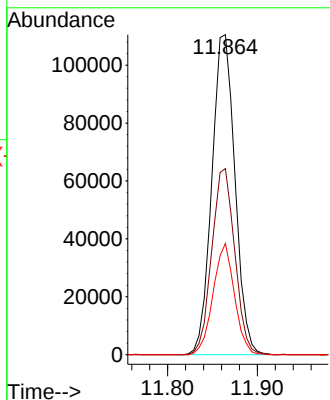
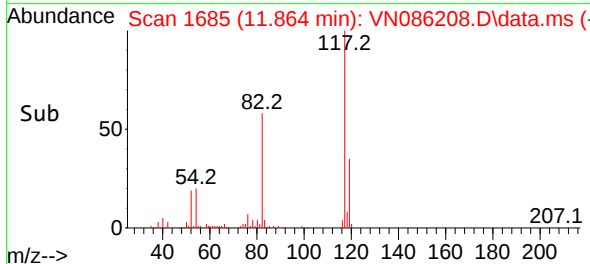
Instrument :
MSVOA_N
ClientSampleId :
TP-4



Tgt Ion:117 Resp: 198044
Ion Ratio Lower Upper
117 100
82 58.2 46.7 70.1
119 34.8 26.5 39.7

Manual Integrations
APPROVED

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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: VN086208.D
Acq: 02 Apr 2025 15:07

Tgt Ion:152 Resp: 89962
Ion Ratio Lower Upper
152 100
115 63.8 31.1 93.2
150 157.8 0.0 359.6

