

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086212.D
 Acq On : 02 Apr 2025 16:43
 Operator : JC\MD
 Sample : Q1693-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP-1

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 01:36:49 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	124845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91606	53.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.160%			
35) Dibromofluoromethane	8.165	113	70206	48.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.140%			
50) Toluene-d8	10.565	98	260882	49.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.847	95	102466	54.768	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.540%			
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	26291	50.338	ug/l	100
20) Methylene Chloride	5.271	84	8834	5.782	ug/l	90
43) Isopropyl Acetate	8.677	43	10348m	2.974	ug/l	

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

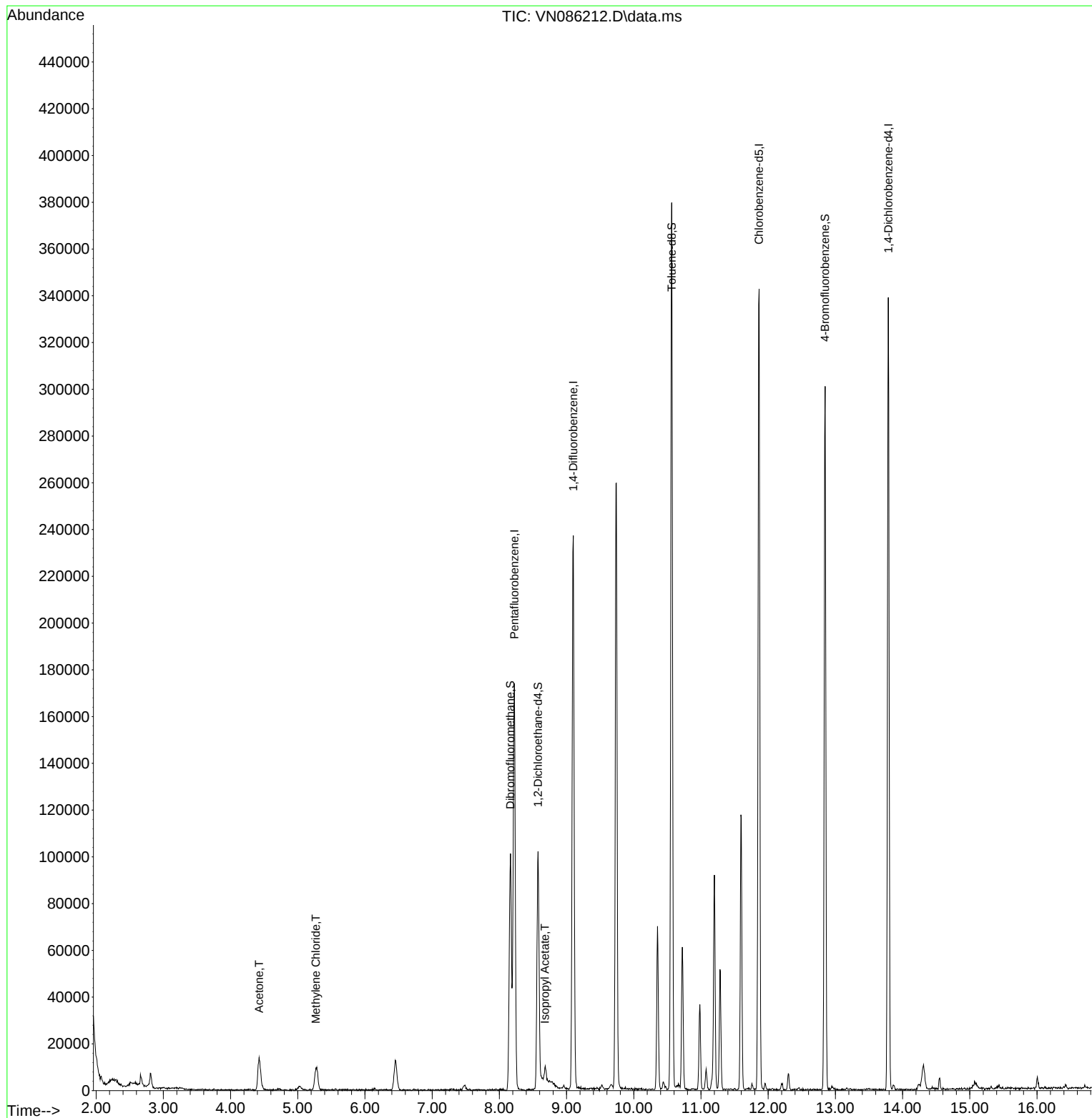
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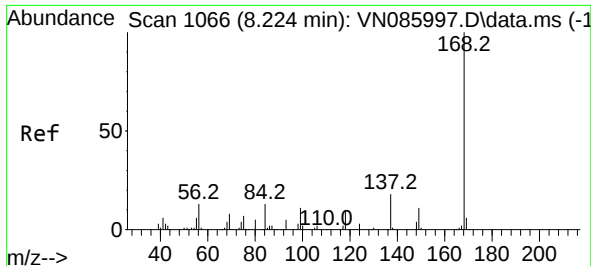
Instrument :
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WCS-TP-1

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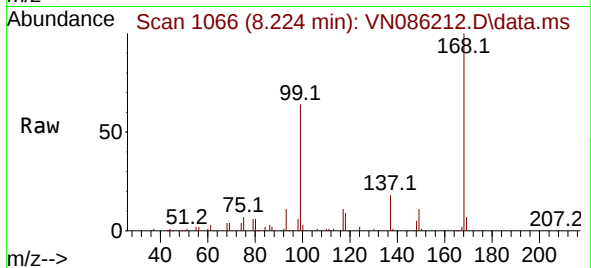
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

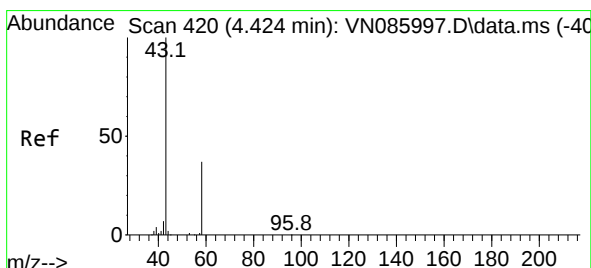
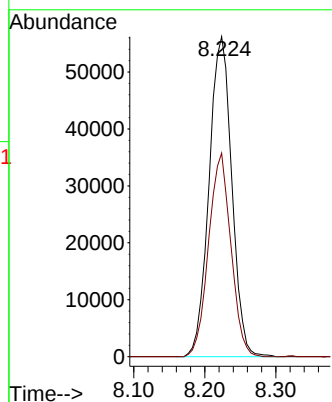
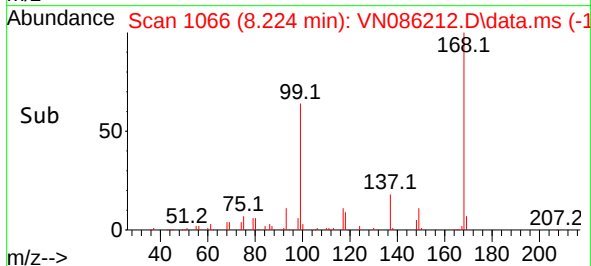
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1



Tgt Ion:168 Resp: 12484
Ion Ratio Lower Upper
168 100
99 63.6 49.4 74.2

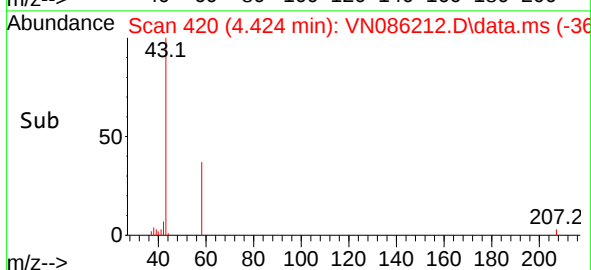
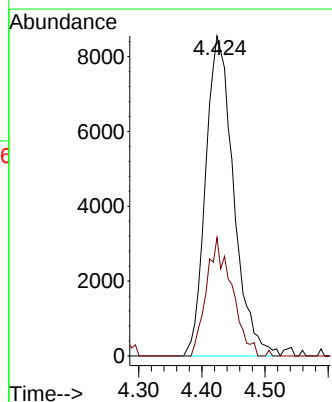
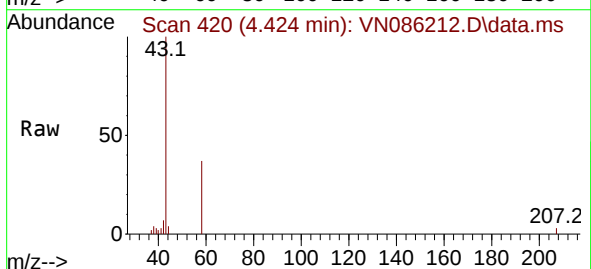
Manual Integrations
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Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
Acetone
Concen: 50.338 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

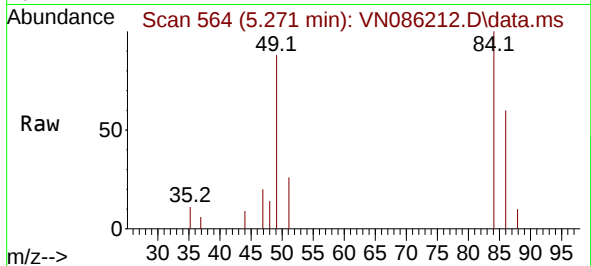
Tgt Ion: 43 Resp: 26291
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.2





#20
Methylene Chloride
Concen: 5.782 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

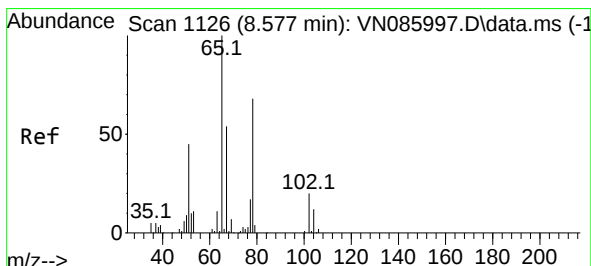
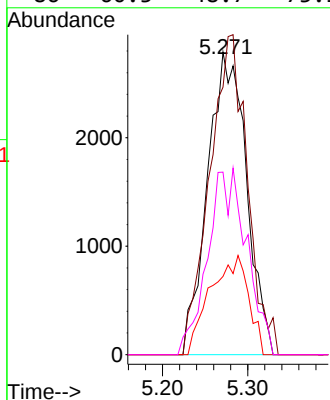
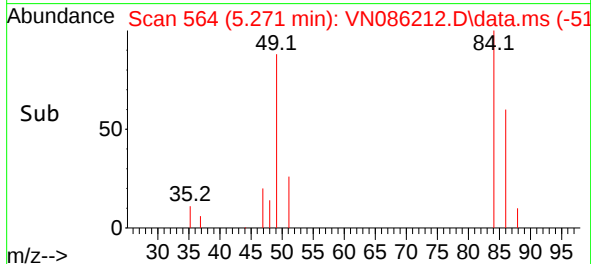
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1



Tgt Ion: 84	Resp: 8834
Ion Ratio	Lower Upper
84 100	
49 88.4	83.3 124.9
51 25.8	24.8 37.2
86 60.3	48.7 73.1

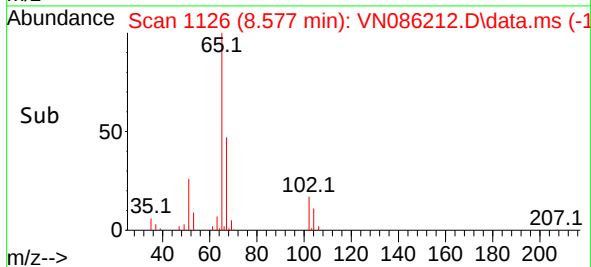
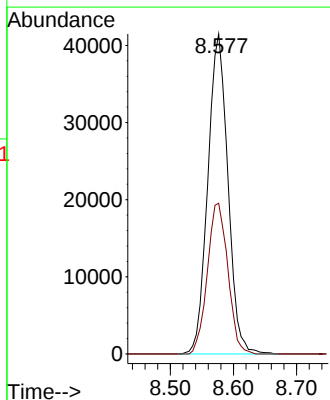
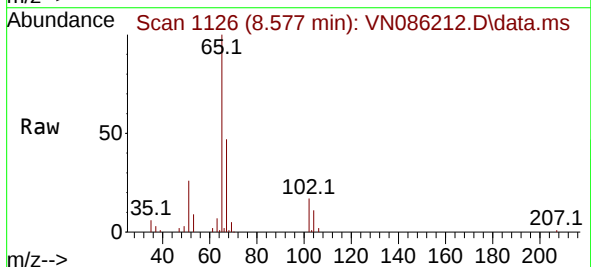
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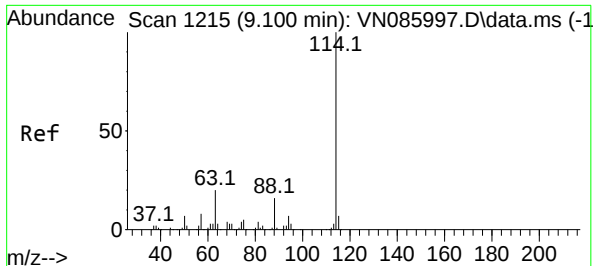
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#33
1,2-Dichloroethane-d4
Concen: 53.585 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

Tgt Ion: 65	Resp: 91606
Ion Ratio	Lower Upper
65 100	
67 48.0	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-1

Tgt Ion:114 Resp: 20709

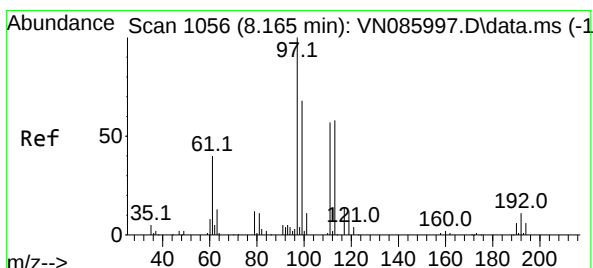
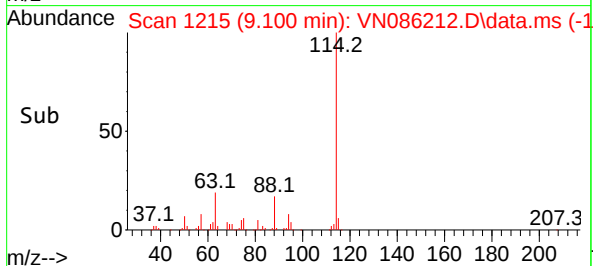
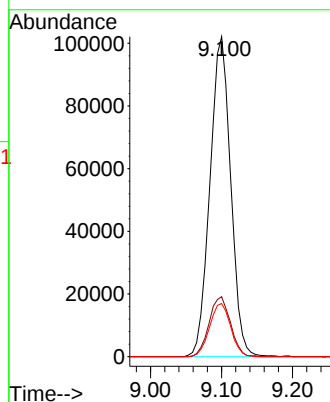
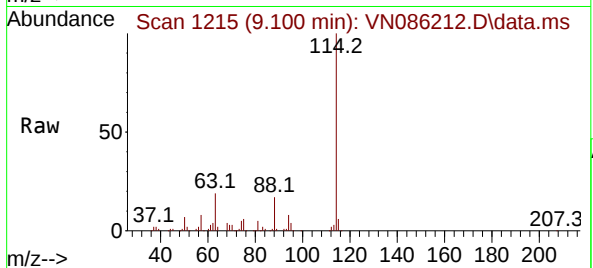
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.6
88	16.6	0.0	32.6

Manual Integrations

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Reviewed By :John Carlone 04/03/2025

Supervised By :Mahesh Dadoda 04/03/2025



#35

Dibromofluoromethane

Concen: 48.570 ug/l

RT: 8.165 min Scan# 1056

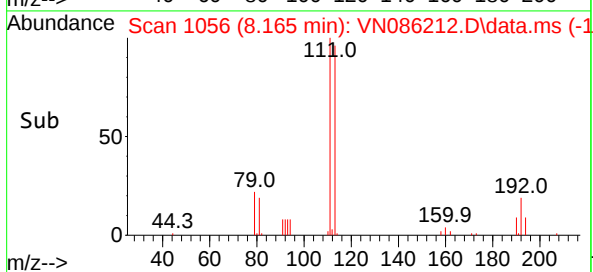
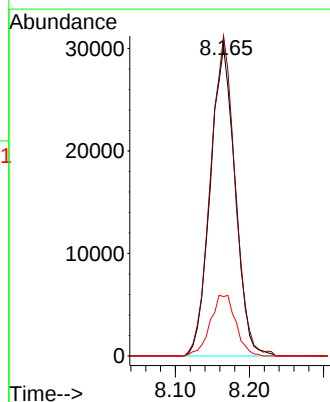
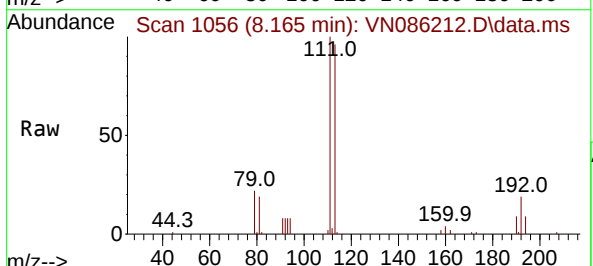
Delta R.T. -0.000 min

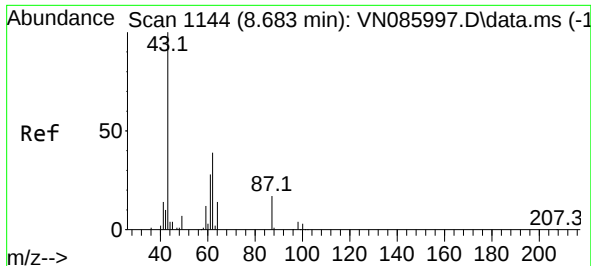
Lab File: VN086212.D

Acq: 02 Apr 2025 16:43

Tgt Ion:113 Resp: 70206

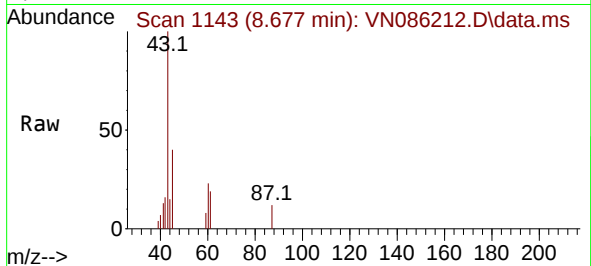
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	20.2	15.9	23.9





#43
Isopropyl Acetate
Concen: 2.974 ug/l m
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

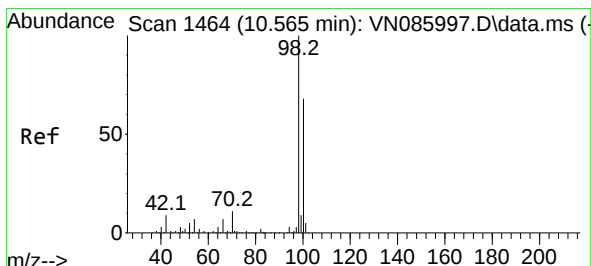
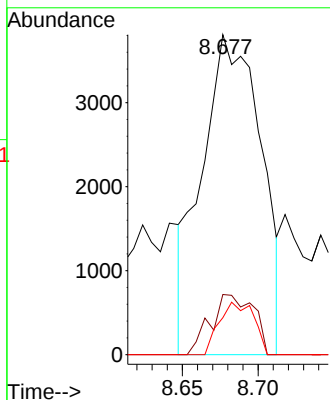
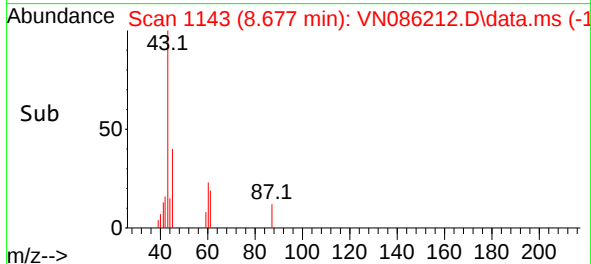
Instrument : MSVOA_N
ClientSampleId : WCS-TP-1



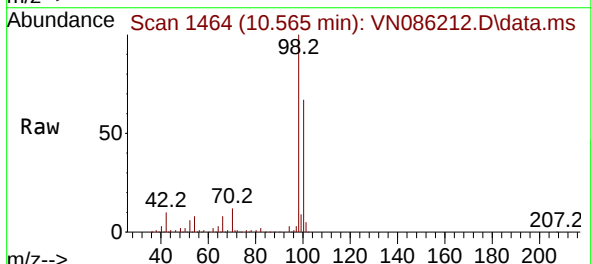
Tgt Ion: 43 Resp: 10348
Ion Ratio Lower Upper
43 100
61 13.7 25.0 37.6
87 9.6 13.0 19.4

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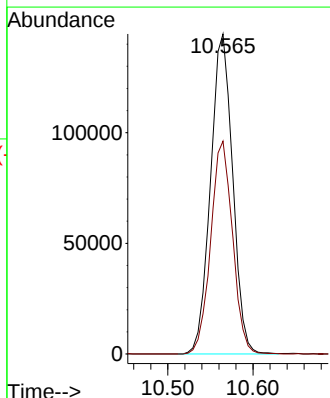
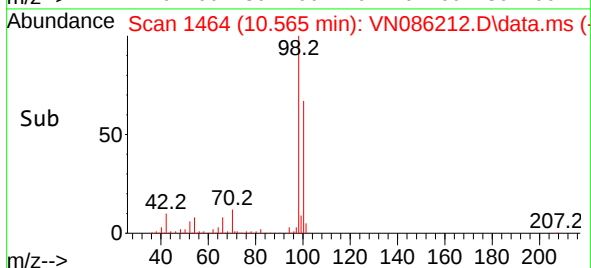
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025

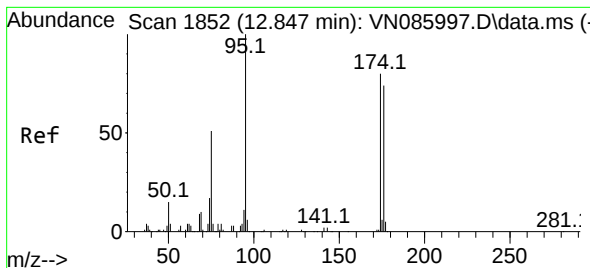


#50
Toluene-d8
Concen: 49.729 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43



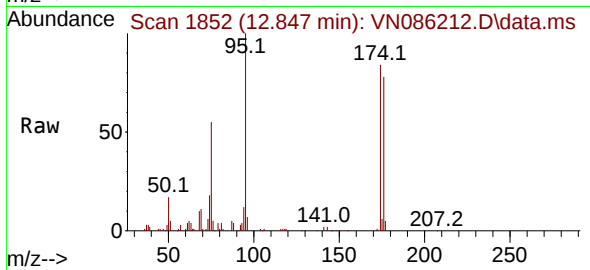
Tgt Ion: 98 Resp: 260882
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 54.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

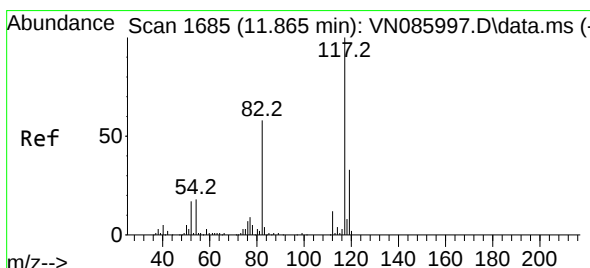
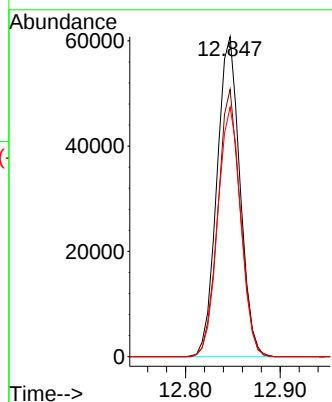
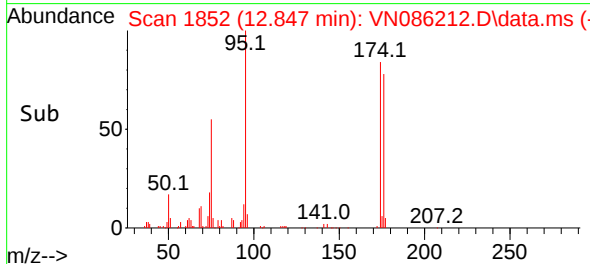
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-1



Tgt Ion: 95 Resp: 102460
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.3 0.0 152.2

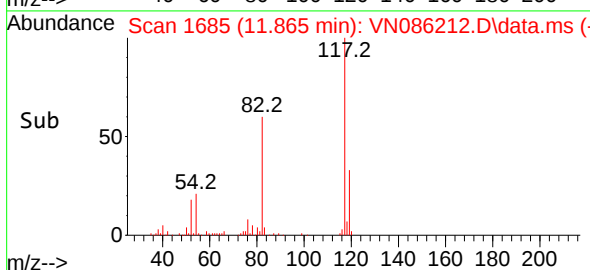
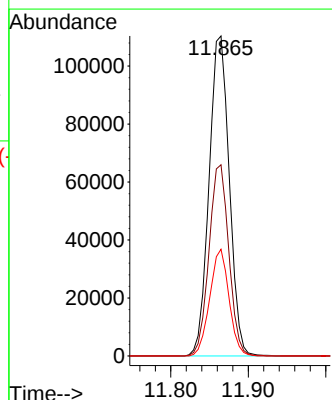
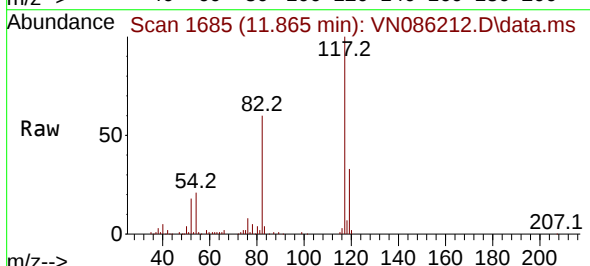
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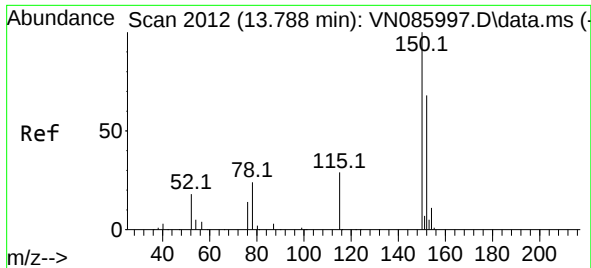
Reviewed By :John Carlone 04/03/2025
Supervised By :Mahesh Dadoda 04/03/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086212.D
Acq: 02 Apr 2025 16:43

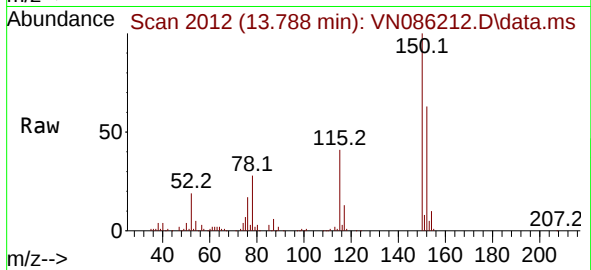
Tgt Ion:117 Resp: 199887
Ion Ratio Lower Upper
117 100
82 59.8 46.7 70.1
119 33.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086212.D
 Acq: 02 Apr 2025 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP-1



Tgt Ion:152 Resp: 9508
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.1 93.2
 150 155.6 0.0 359.6

Manual Integrations
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