

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085946.D
 Acq On : 11 Mar 2025 21:05
 Operator : JC\MD
 Sample : Q1534-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-19

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119680	59.725	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.460%			
35) Dibromofluoromethane	8.165	113	100523	50.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.565	98	371260	51.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	115045	48.452	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.900%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	41349	65.214	ug/l	93
20) Methylene Chloride	5.277	84	6575	3.225	ug/l	95
43) Isopropyl Acetate	8.688	43	46625m	11.091	ug/l	

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

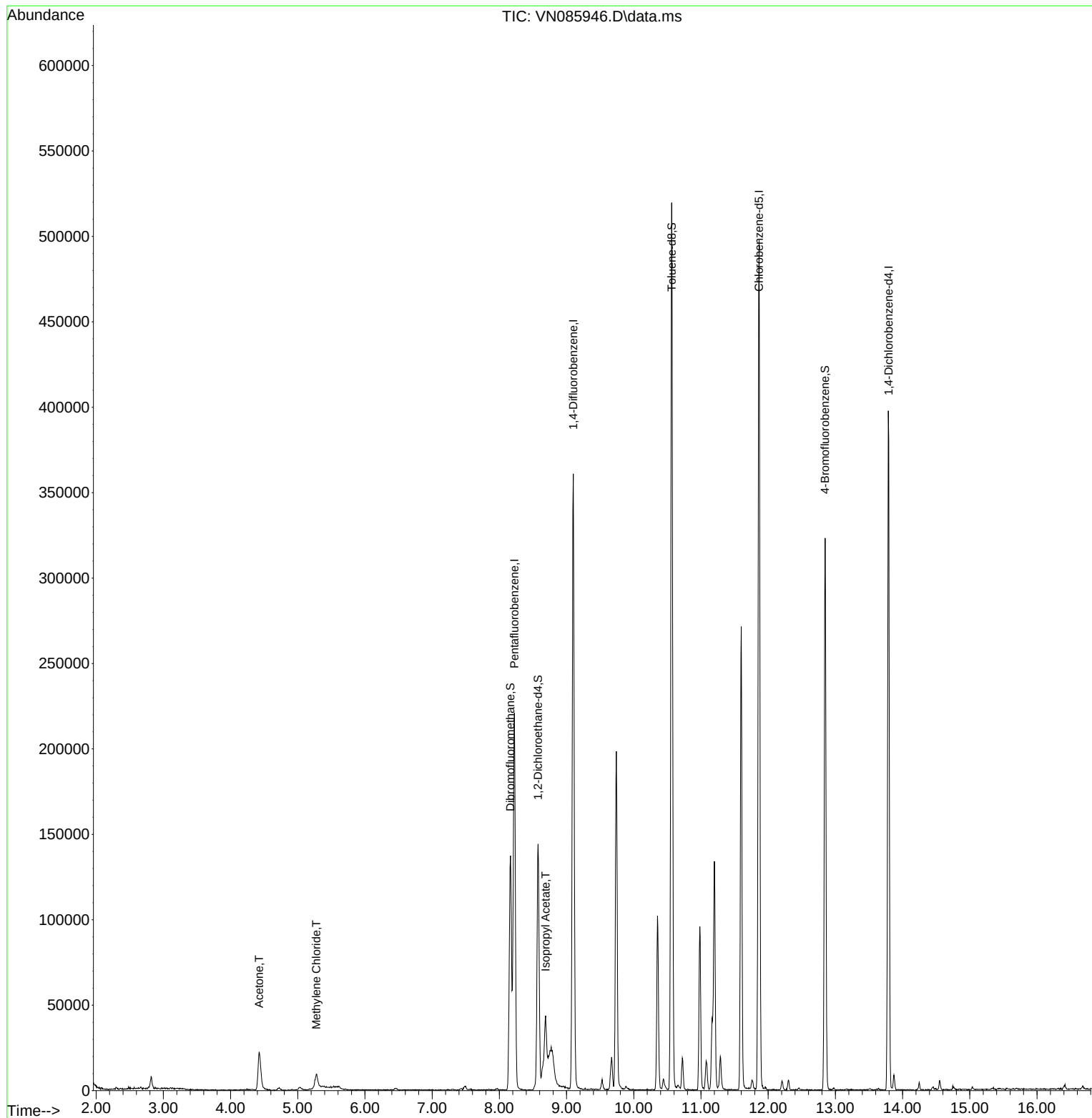
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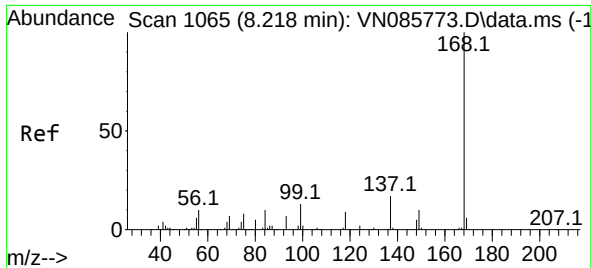
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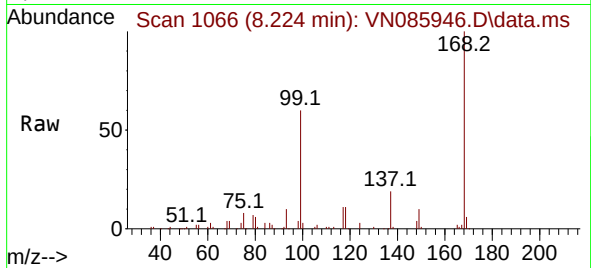
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05

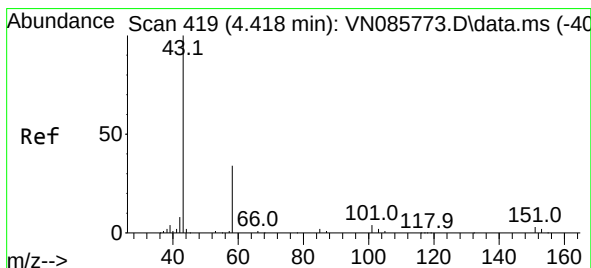
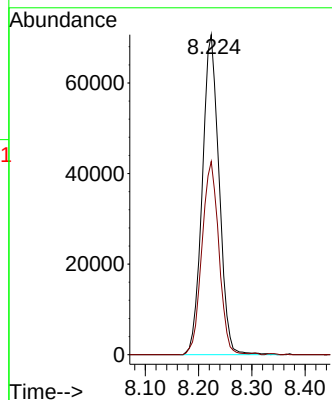
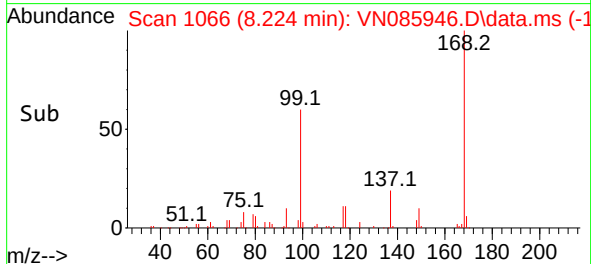
Instrument :
MSVOA_N
ClientSampleId :
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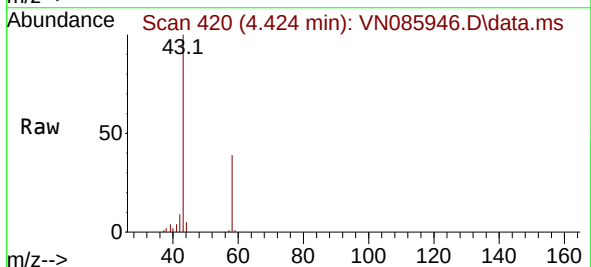
Tgt Ion:168 Resp: 15456
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9

Manual Integrations
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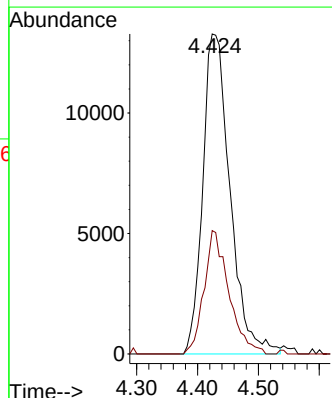
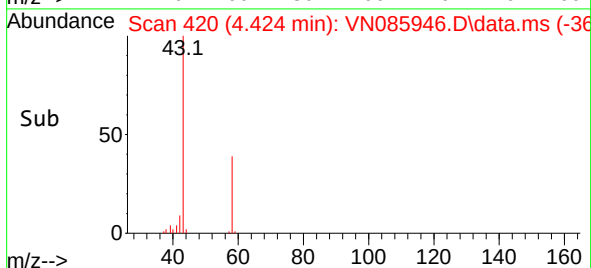
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

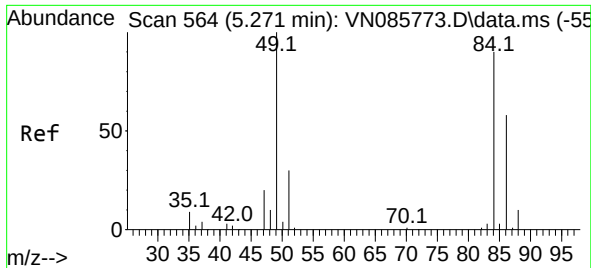


#16
Acetone
Concen: 65.214 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05



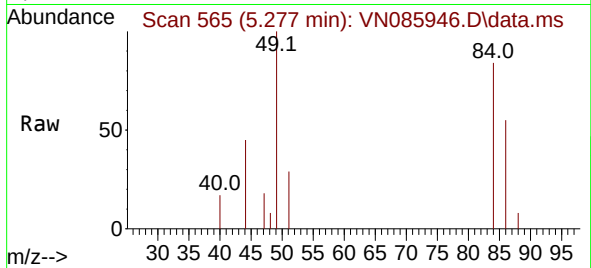
Tgt Ion: 43 Resp: 41349
Ion Ratio Lower Upper
43 100
58 38.6 27.5 41.3





#20
Methylene Chloride
Concen: 3.225 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05

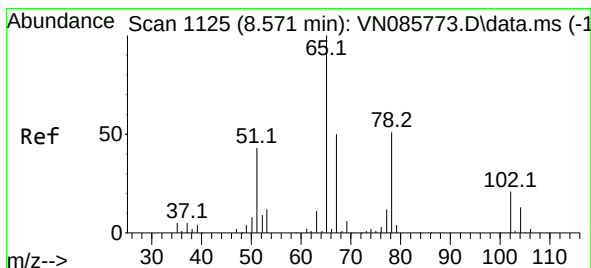
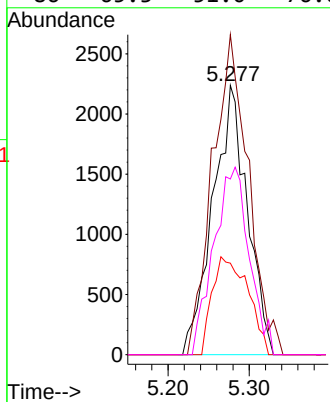
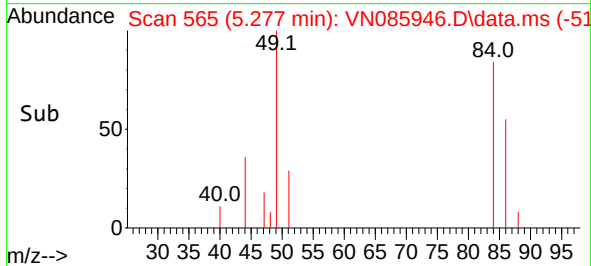
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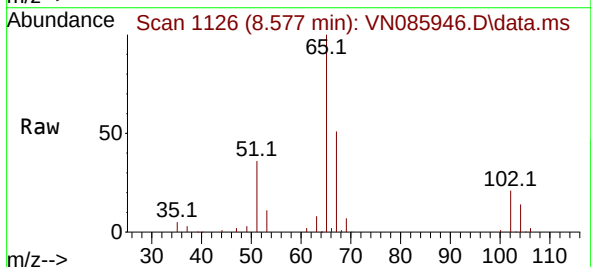
Tgt Ion: 84 Resp: 6579
Ion Ratio Lower Upper
84 100
49 118.9 88.4 132.6
51 34.0 26.6 40.0
86 65.3 51.0 76.6

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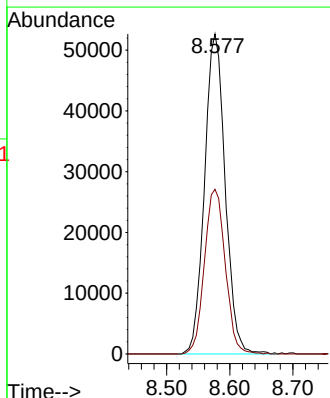
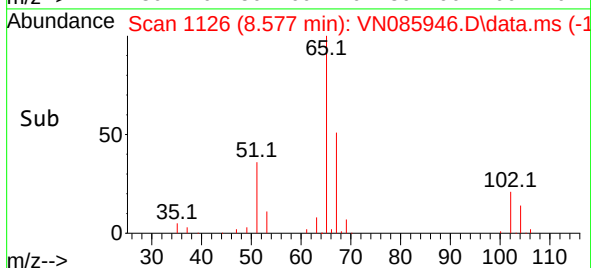
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Supervised By :Mahesh Dadoda 03/12/2025

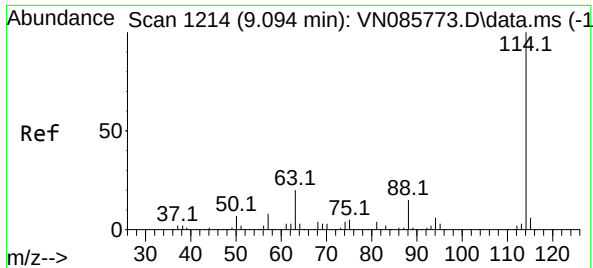


#33
1,2-Dichloroethane-d4
Concen: 59.725 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05



Tgt Ion: 65 Resp: 119680
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085946.D

Acq: 11 Mar 2025 21:05

Instrument :

MSVOA_N

ClientSampleId :

OR-636-COMP-19

Tgt Ion:114 Resp: 302708

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

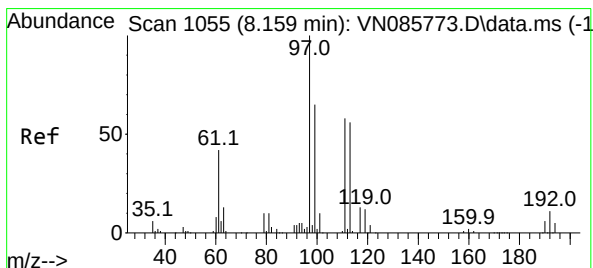
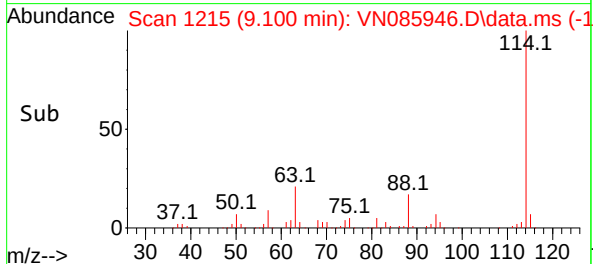
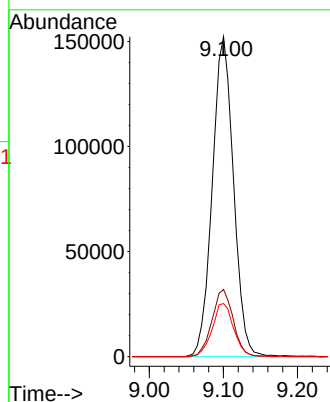
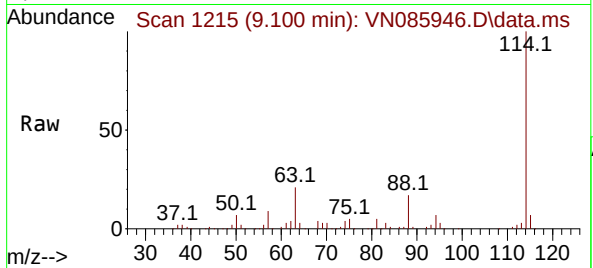
88 16.6 0.0 30.0

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#35

Dibromofluoromethane

Concen: 50.749 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085946.D

Acq: 11 Mar 2025 21:05

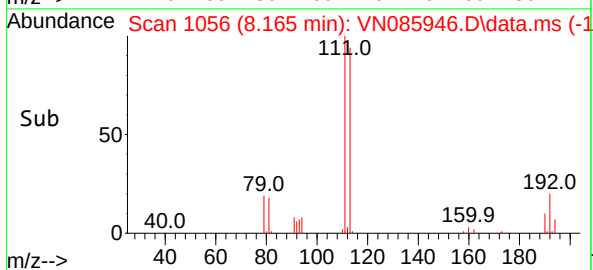
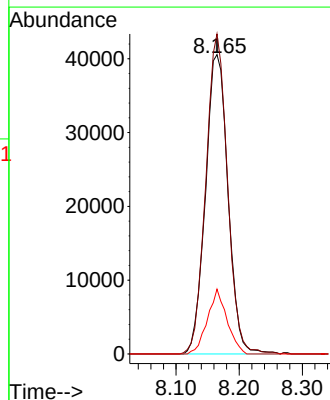
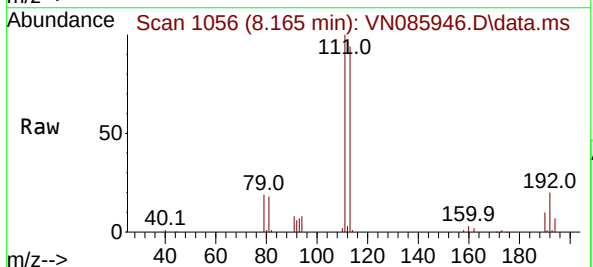
Tgt Ion:113 Resp: 100523

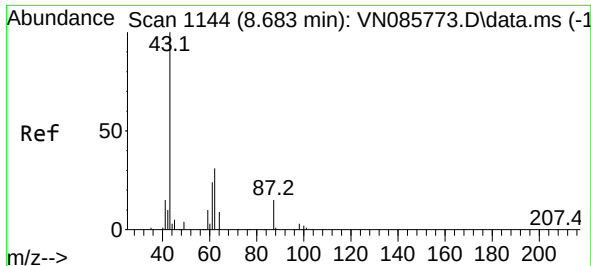
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

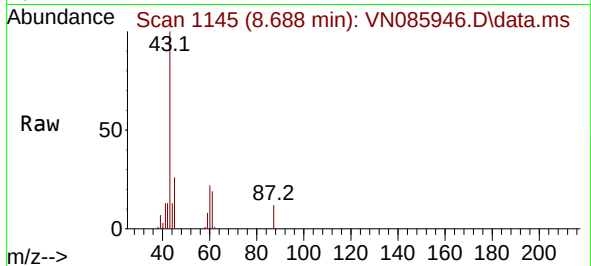
192 18.8 14.7 22.1





#43
Isopropyl Acetate
Concen: 11.091 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05

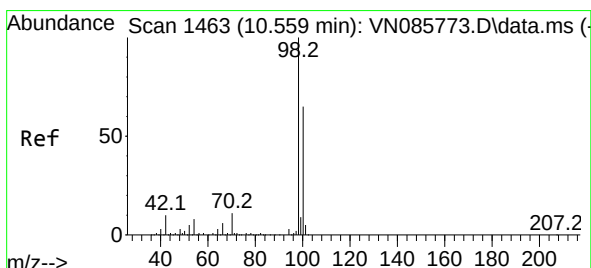
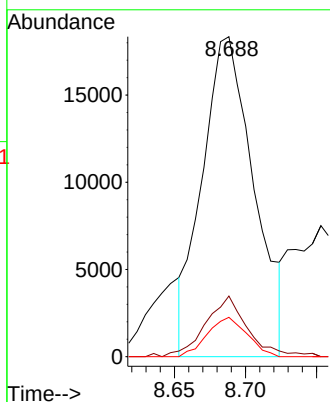
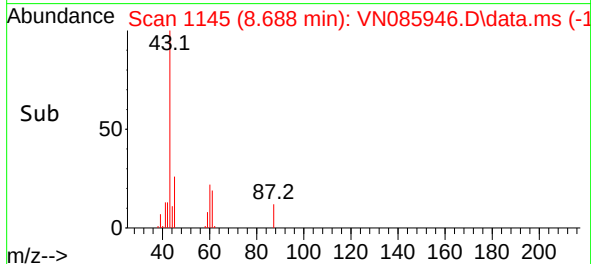
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Tgt Ion: 43 Resp: 4662
Ion Ratio Lower Upper
43 100
61 15.5 22.6 34.0
87 9.5 11.8 17.8

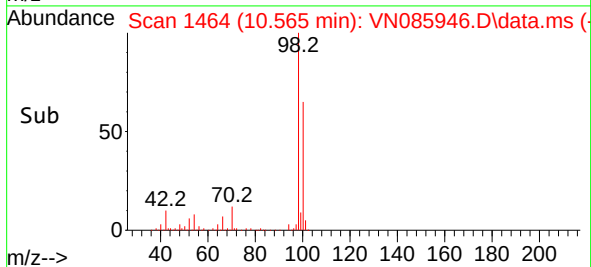
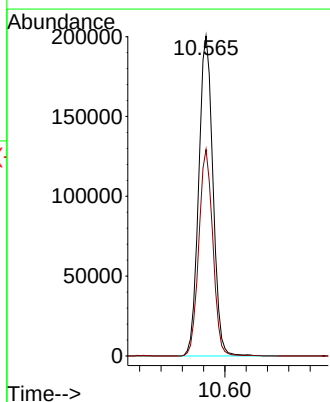
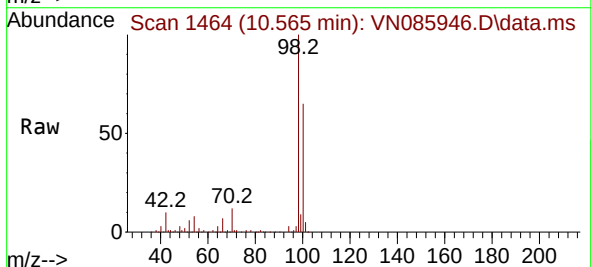
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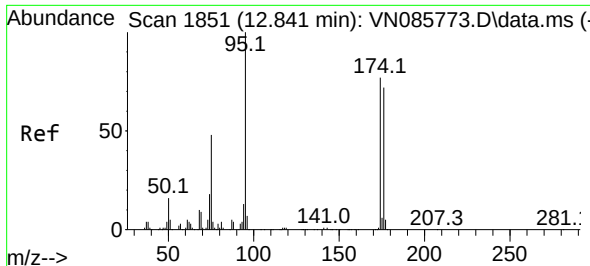
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 51.516 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05

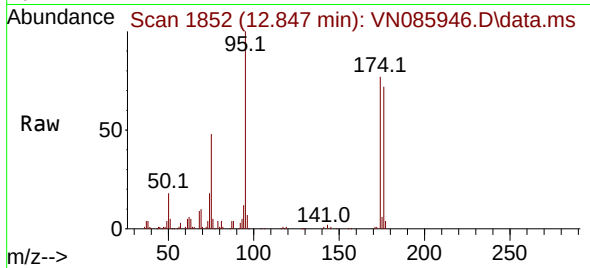
Tgt Ion: 98 Resp: 371260
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05

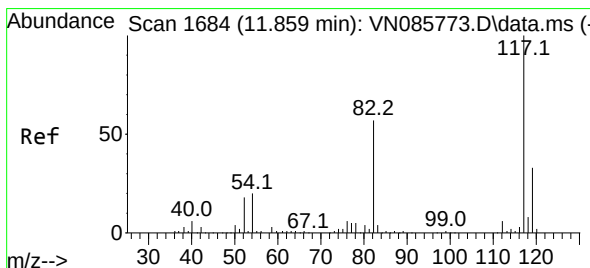
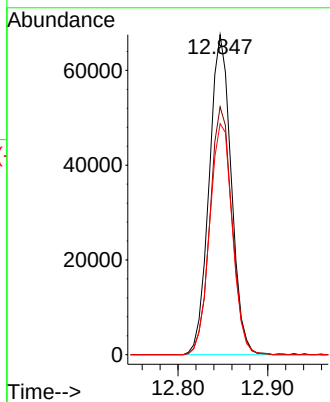
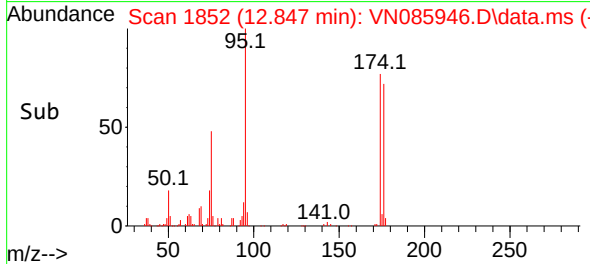
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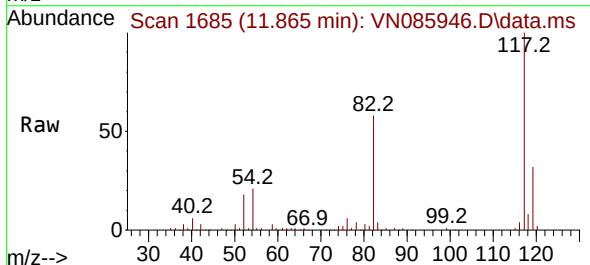
Tgt Ion: 95 Resp: 115049
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.4
176 74.5 0.0 146.6

Manual Integrations
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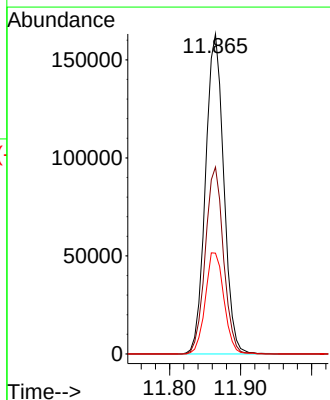
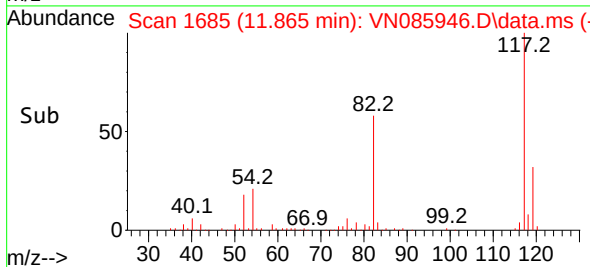
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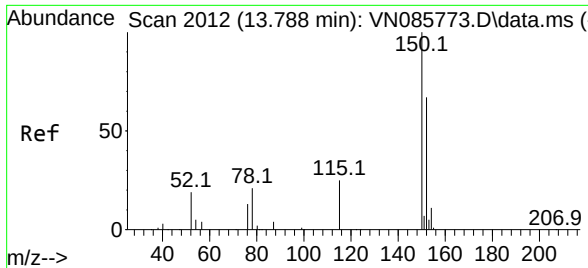


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085946.D
Acq: 11 Mar 2025 21:05



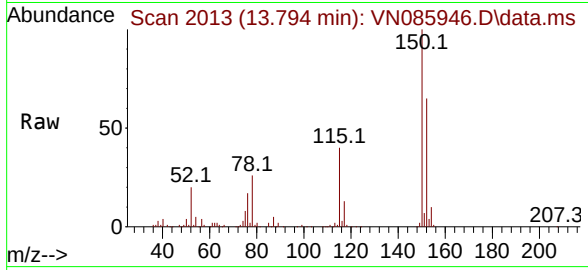
Tgt Ion:117 Resp: 291370
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 31.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085946.D
 Acq: 11 Mar 2025 21:05

Instrument :
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Tgt Ion:152 Resp: 110784
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.4 91.3
 150 154.9 0.0 345.4

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