

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086607.D
 Acq On : 13 May 2025 17:25
 Operator : JC\MD
 Sample : PB167964ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:48:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107343	51.618	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.165	113	84375	64.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 128.400%#			
50) Toluene-d8	10.565	98	366617	52.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.847	95	128609	50.203	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.400%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	25986	31.146	ug/l	91
18) Methyl Acetate	5.030	43	3825	1.532	ug/l #	86
20) Methylene Chloride	5.271	84	4493	2.337	ug/l #	76
43) Isopropyl Acetate	8.688	43	40592m	6.436	ug/l	

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

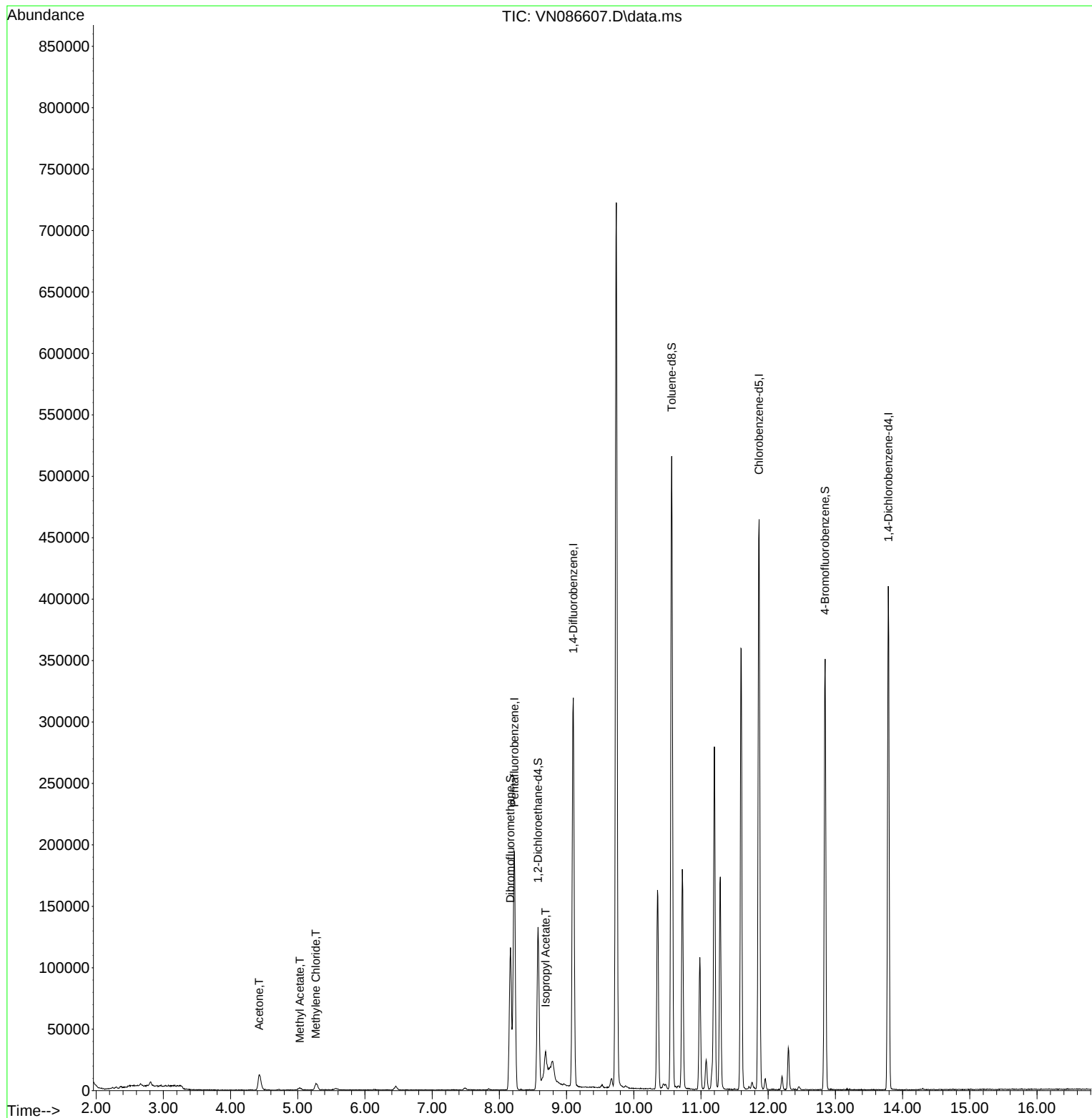
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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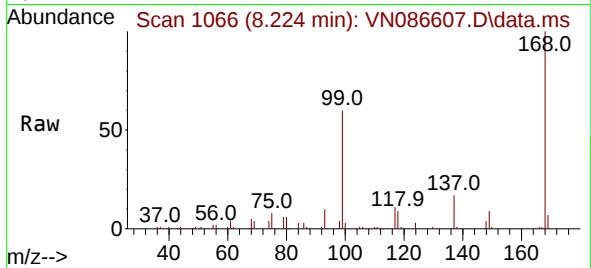
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

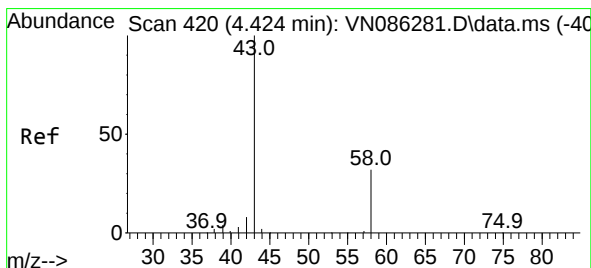
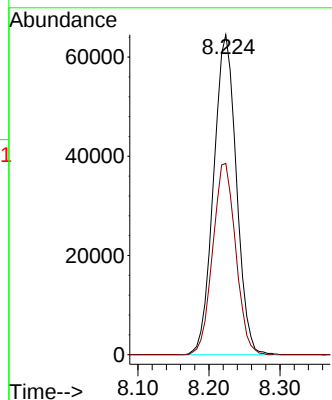
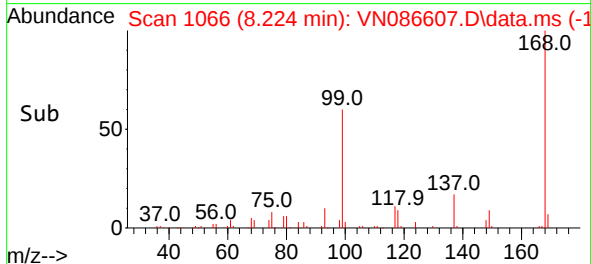
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#05



Tgt Ion:168 Resp: 143409
Ion Ratio Lower Upper
168 100
99 59.7 52.5 78.7

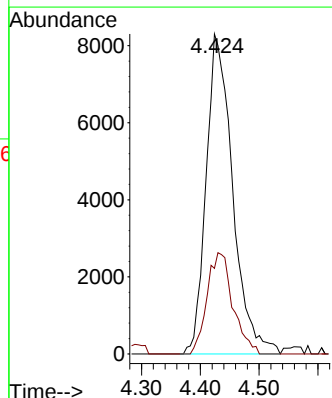
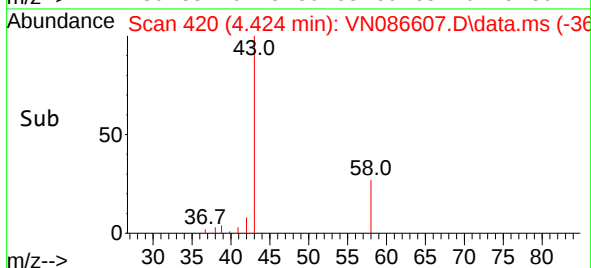
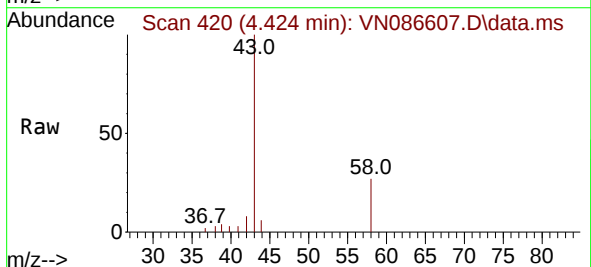
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#16
Acetone
Concen: 31.146 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

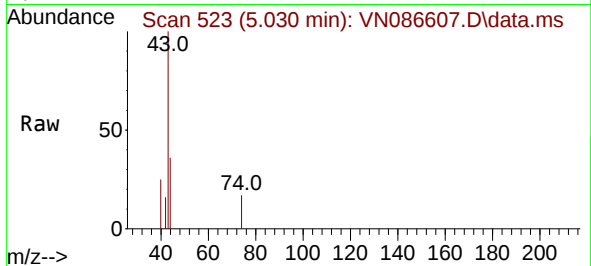
Tgt Ion: 43 Resp: 25986
Ion Ratio Lower Upper
43 100
58 26.8 25.3 37.9





#18
Methyl Acetate
Concen: 1.532 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

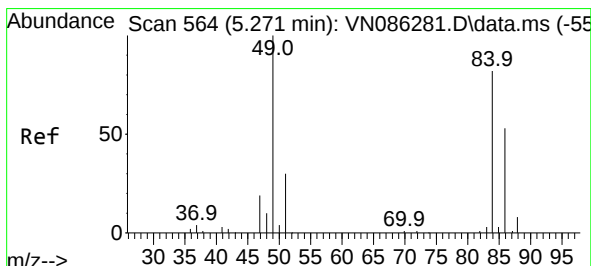
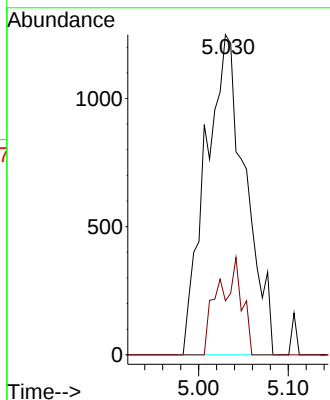
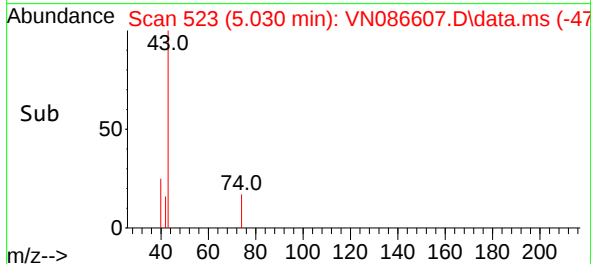
Instrument :
MSVOA_N
ClientSampleId :
PB167964ZHE#05



Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
74 17.9 19.8 29.6

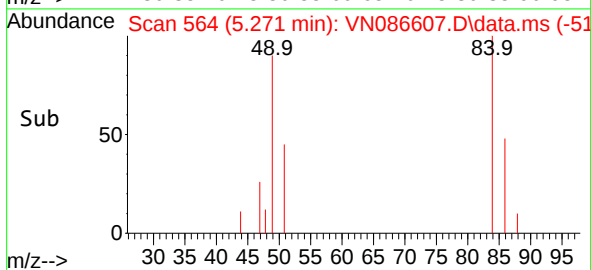
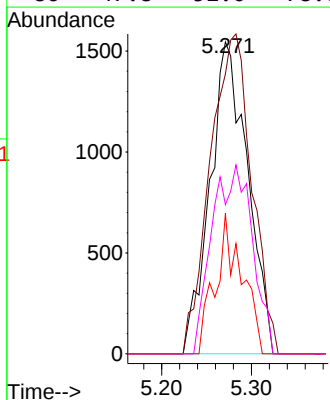
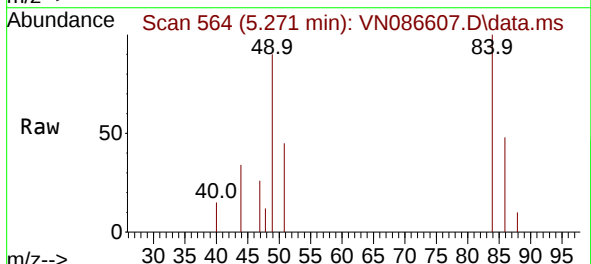
Manual Integrations
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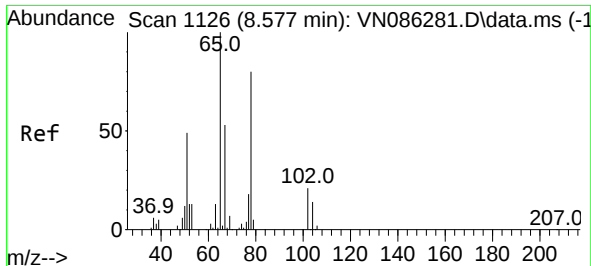
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 2.337 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

Tgt Ion: 84 Resp: 4493
Ion Ratio Lower Upper
84 100
49 89.8 98.2 147.2#
51 45.0 29.8 44.6#
86 47.8 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 51.618 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086607.D

Acq: 13 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

PB167964ZHE#05

Tgt Ion: 65 Resp: 10734

Ion Ratio Lower Upper

65 100

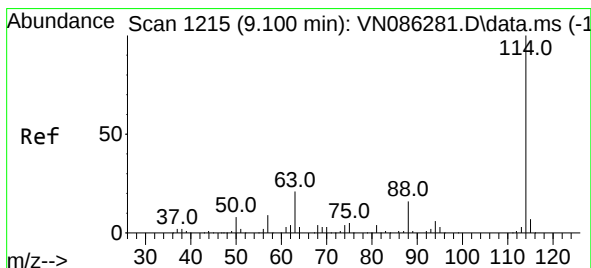
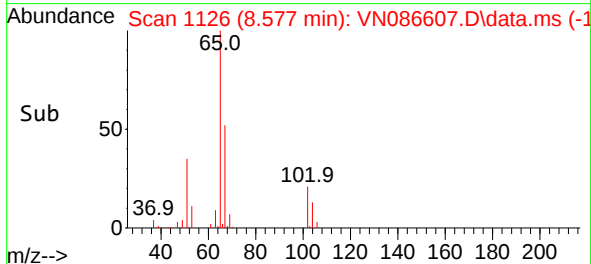
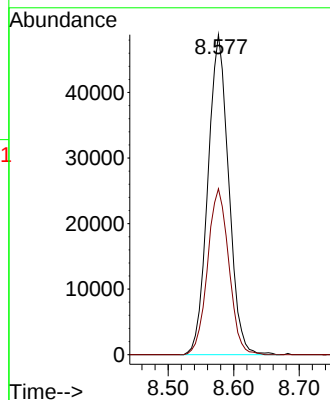
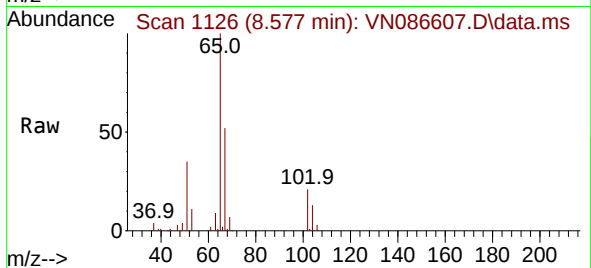
67 53.1 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086607.D

Acq: 13 May 2025 17:25

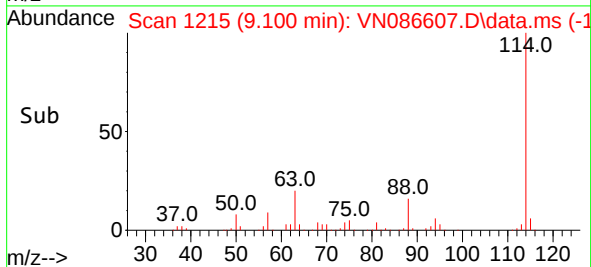
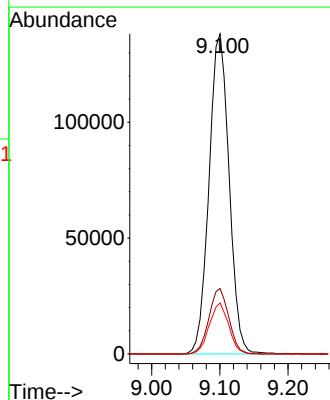
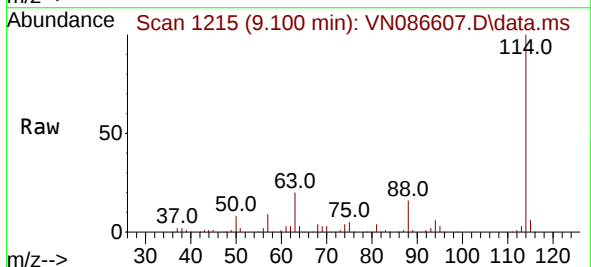
Tgt Ion:114 Resp: 283158

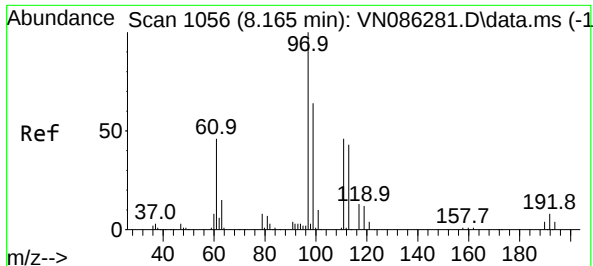
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

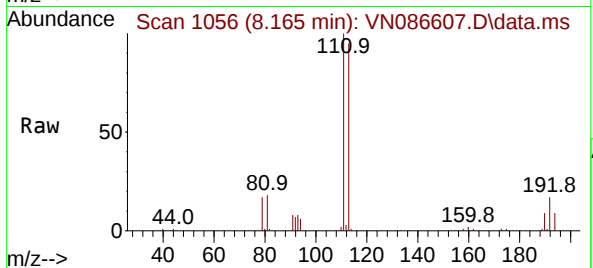
88 16.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 64.204 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

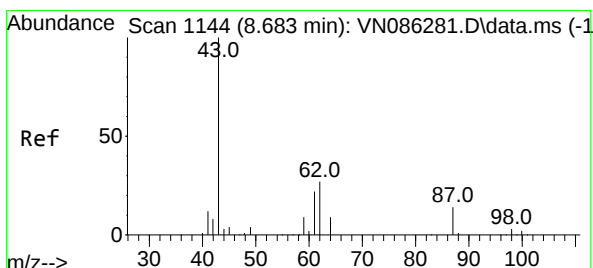
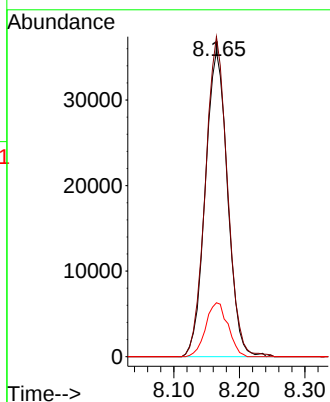
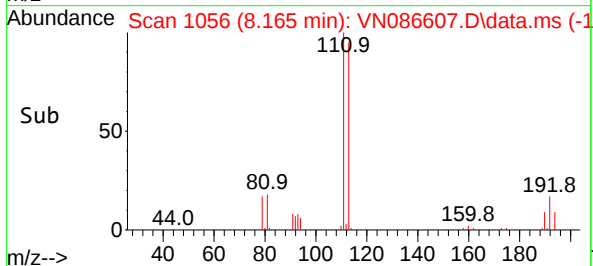
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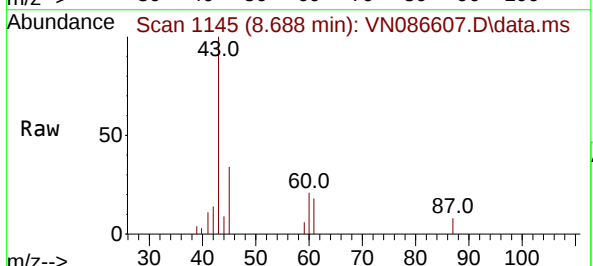
Tgt Ion: 113 Resp: 84375
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 17.6 13.7 20.5

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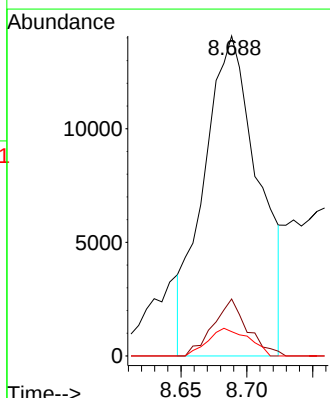
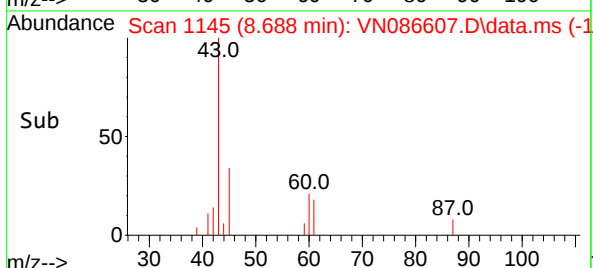
Reviewed By :John Carlone 05/14/2025
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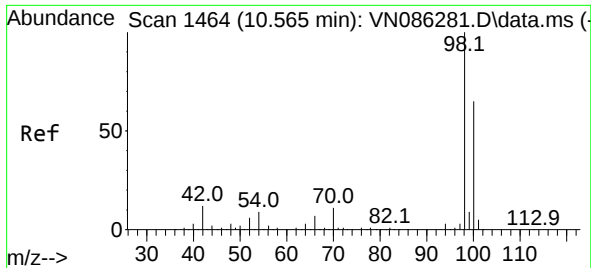


#43
Isopropyl Acetate
Concen: 6.436 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25



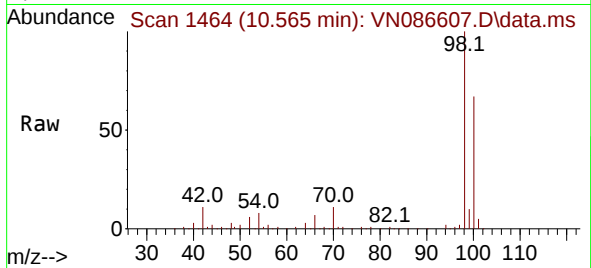
Tgt Ion: 43 Resp: 40592
Ion Ratio Lower Upper
43 100
61 11.2 20.5 30.7#
87 6.4 10.5 15.7#





#50
Toluene-d8
Concen: 52.198 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

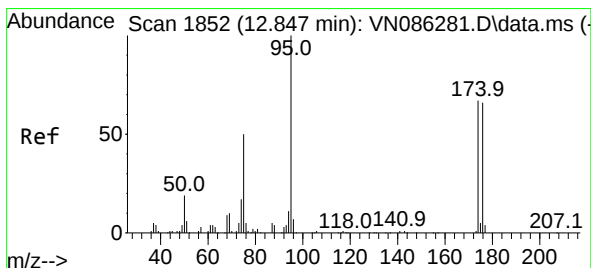
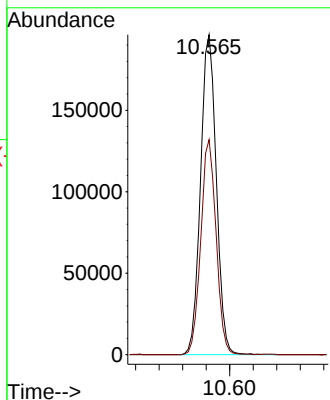
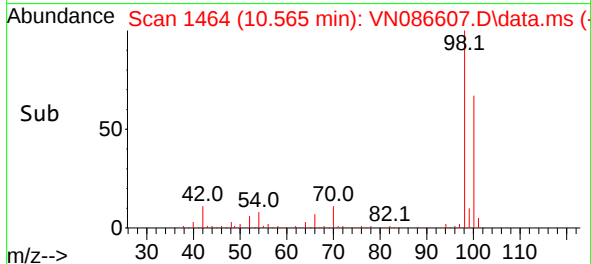
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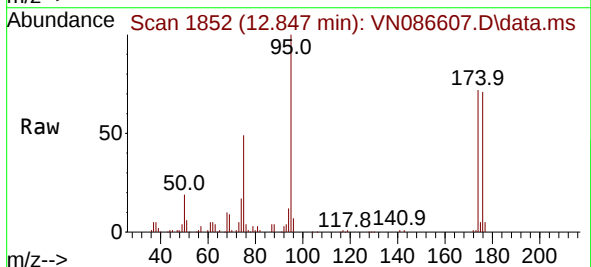
Tgt Ion: 98 Resp: 36661
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

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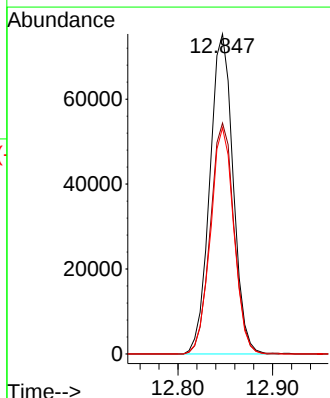
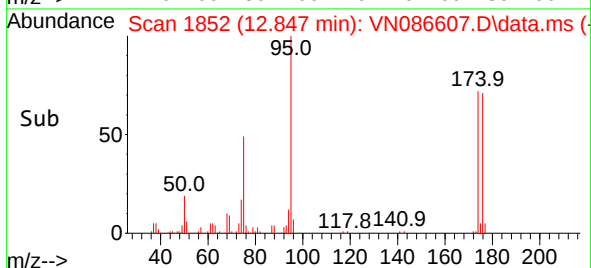
Reviewed By :John Carlone 05/14/2025
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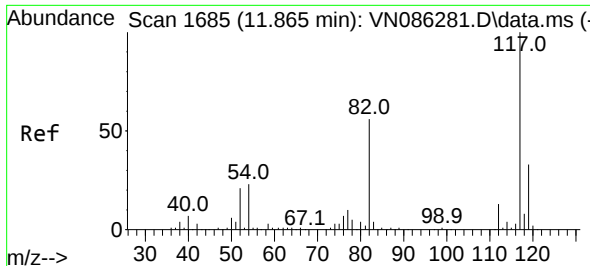


#62
4-Bromofluorobenzene
Concen: 50.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25



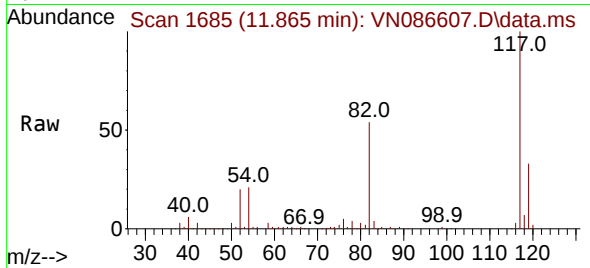
Tgt Ion: 95 Resp: 128609
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 70.8 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25

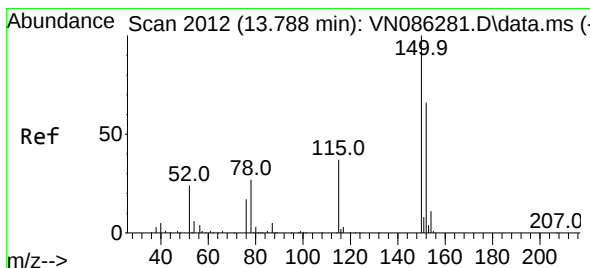
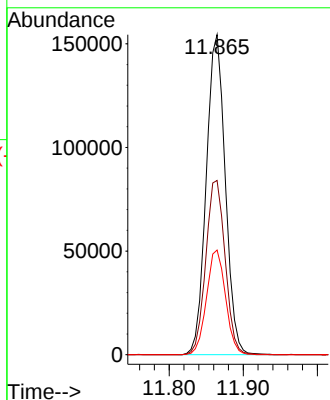
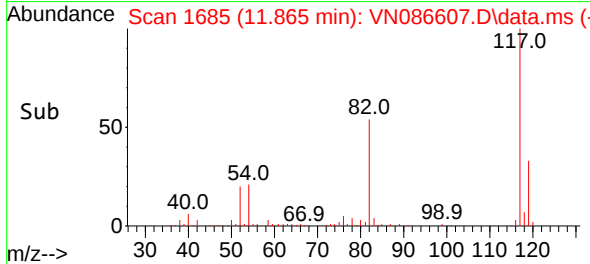
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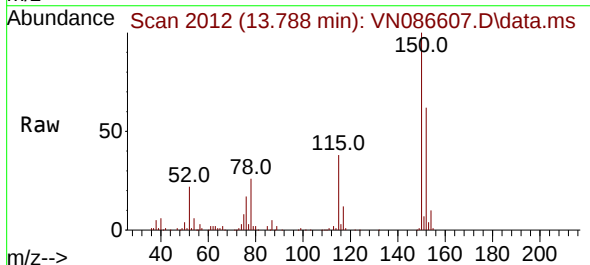
Tgt Ion:117 Resp: 275479
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 32.7 26.4 39.6

Manual Integrations
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Supervised By :Mahesh Dadoda 05/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086607.D
Acq: 13 May 2025 17:25



Tgt Ion:152 Resp: 113287
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.9
150 157.5 0.0 352.0

