

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087547.D
 Acq On : 13 Aug 2025 19:40
 Operator : JC\MD
 Sample : Q2836-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A5-02-G

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 04:07:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	232594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	466158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	415630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	235893	59.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	119.540%		
35) Dibromofluoromethane	8.218	113	669m	0.208	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.420%#		
50) Toluene-d8	10.547	98	563549	49.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.829	95	204081	48.158	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.320%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	272714	147.376	ug/l	100
20) Methylene Chloride	5.265	84	12992	3.559	ug/l #	75
25) 2-Butanone	7.482	43	26525	9.277	ug/l	96
95) Naphthalene	15.617	128	51622	4.280	ug/l	99

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

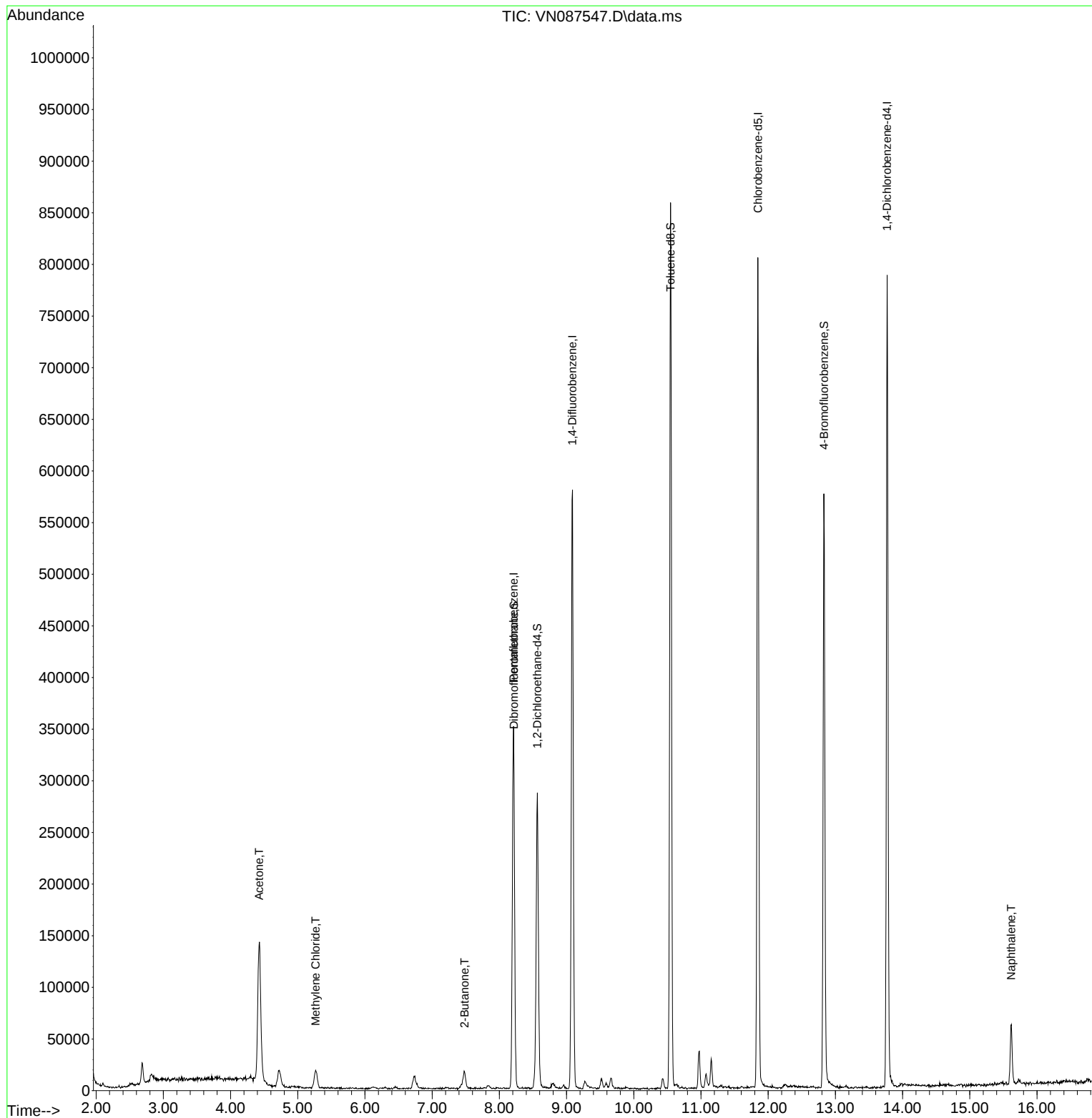
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
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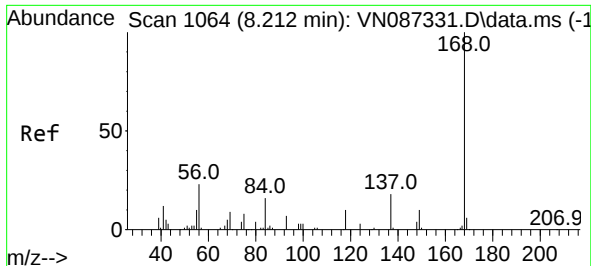
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WC-A5-02-G

Quant Time: Aug 14 04:07:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
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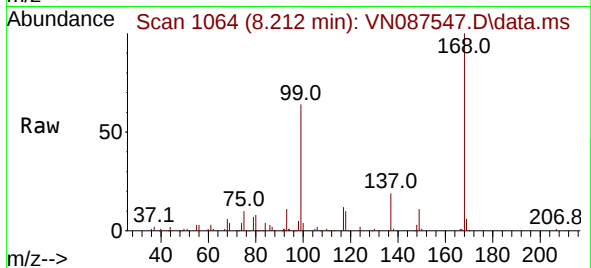
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

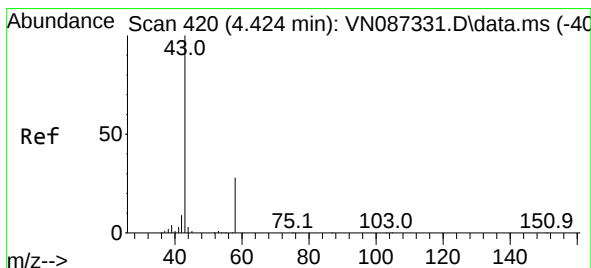
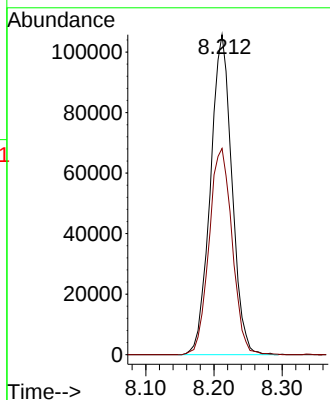
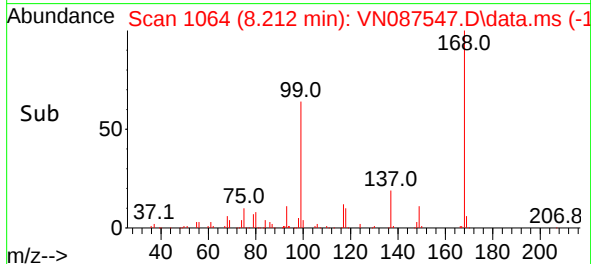
Instrument :
MSVOA_N
ClientSampleId :
WC-A5-02-G



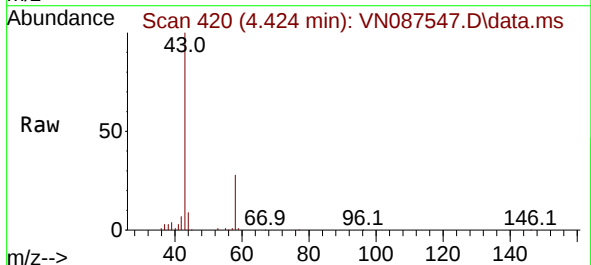
Tgt Ion:168 Resp: 232594
Ion Ratio Lower Upper
168 100
99 64.4 47.9 71.9

Manual Integrations
APPROVED

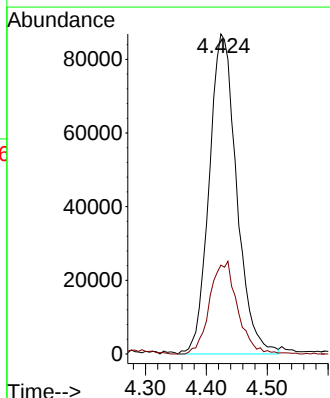
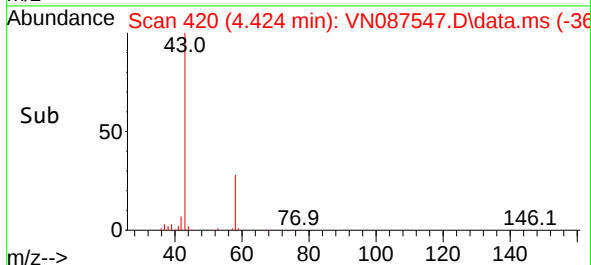
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

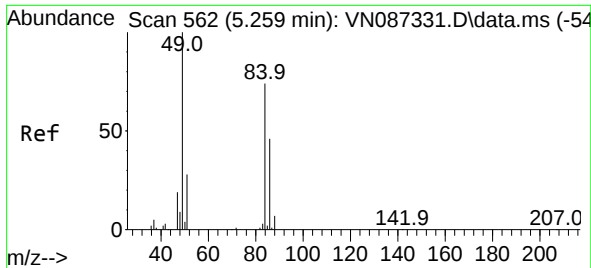


#16
Acetone
Concen: 147.376 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40



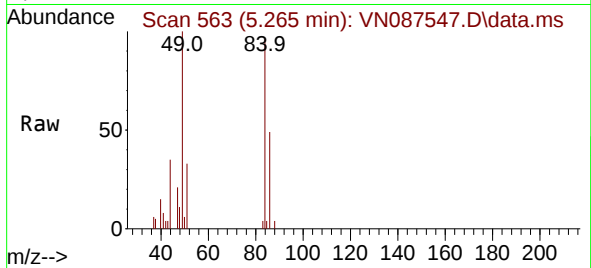
Tgt Ion: 43 Resp: 272714
Ion Ratio Lower Upper
43 100
58 27.7 22.3 33.5





#20
Methylene Chloride
Concen: 3.559 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

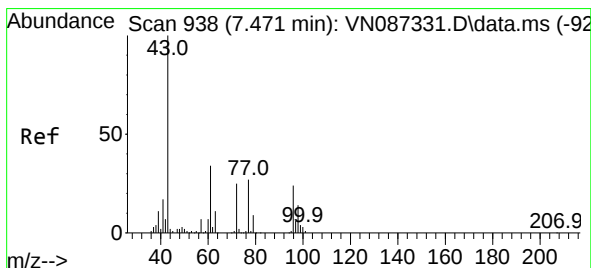
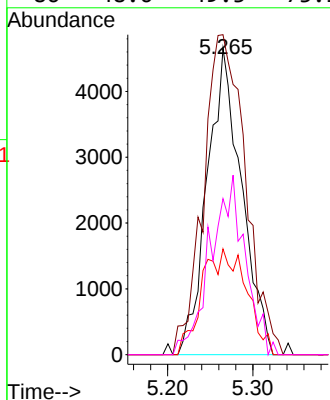
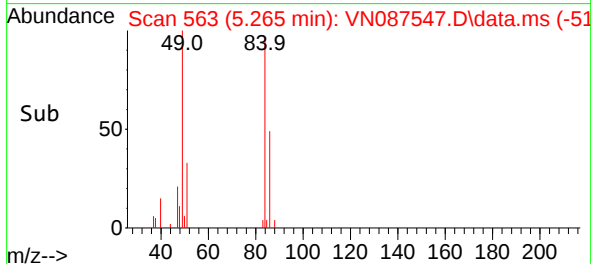
Instrument :
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ClientSampleId :
WC-A5-02-G



Tgt Ion: 84 Resp: 12992
Ion Ratio Lower Upper
84 100
49 95.2 107.5 161.3
51 33.0 30.2 45.2
86 48.6 49.3 73.9#

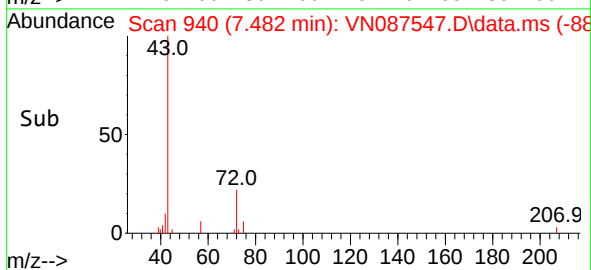
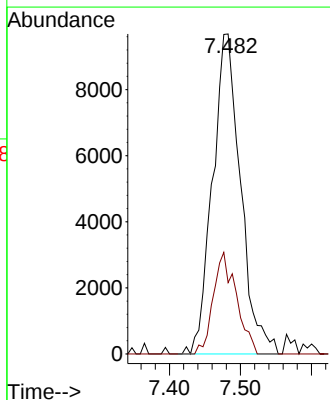
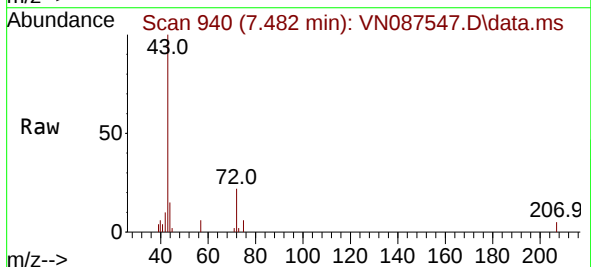
Manual Integrations
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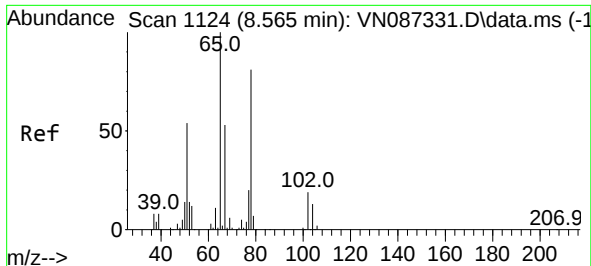
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#25
2-Butanone
Concen: 9.277 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

Tgt Ion: 43 Resp: 26525
Ion Ratio Lower Upper
43 100
72 22.3 19.6 29.4





#33

1,2-Dichloroethane-d4

Concen: 59.771 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087547.D

Acq: 13 Aug 2025 19:40

Instrument :

MSVOA_N

ClientSampleId :

WC-A5-02-G

Tgt Ion: 65 Resp: 23589

Ion Ratio Lower Upper

65 100

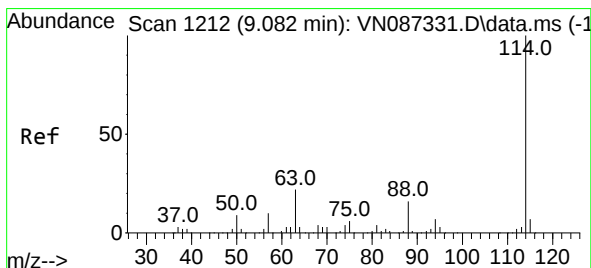
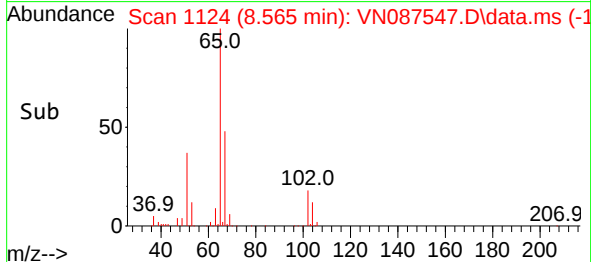
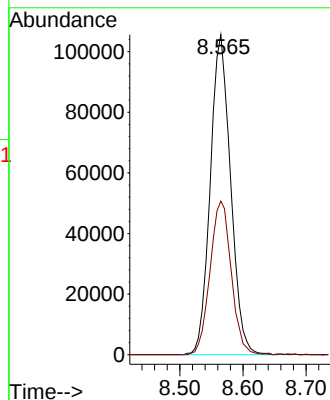
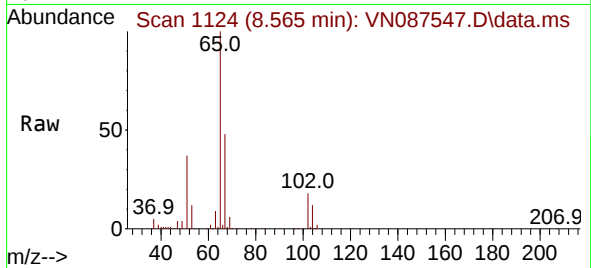
67 50.0 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087547.D

Acq: 13 Aug 2025 19:40

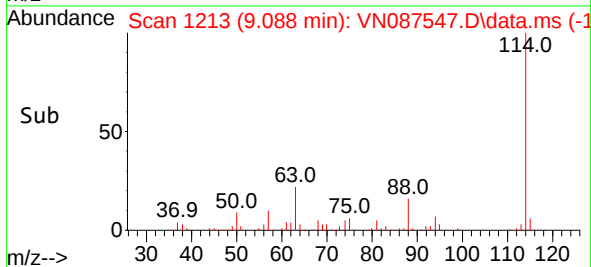
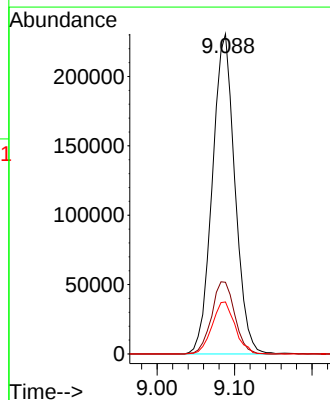
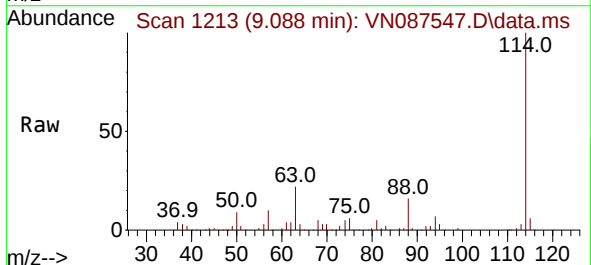
Tgt Ion:114 Resp: 466158

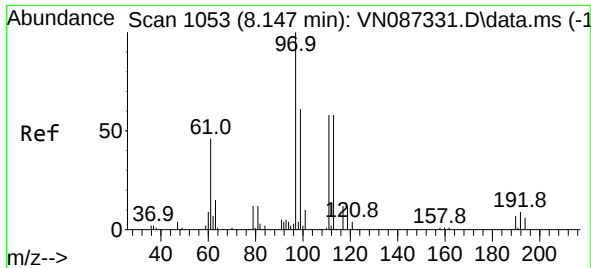
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

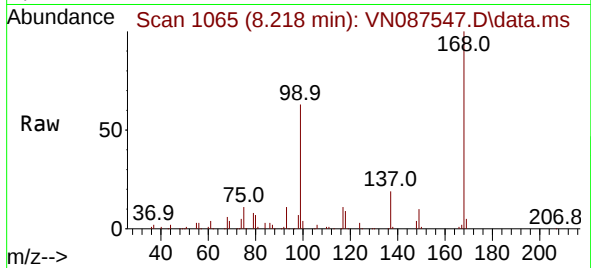
88 16.3 0.0 32.8





#35
Dibromofluoromethane
Concen: 0.208 ug/l m
RT: 8.218 min Scan# 1065
Delta R.T. 0.071 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

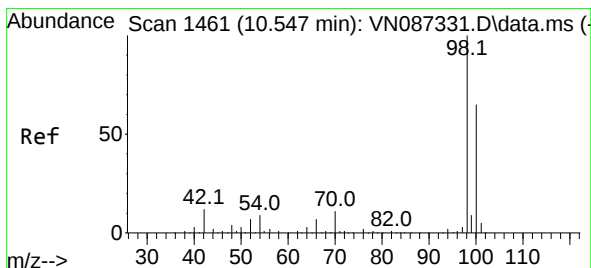
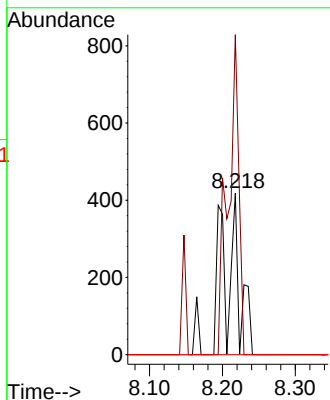
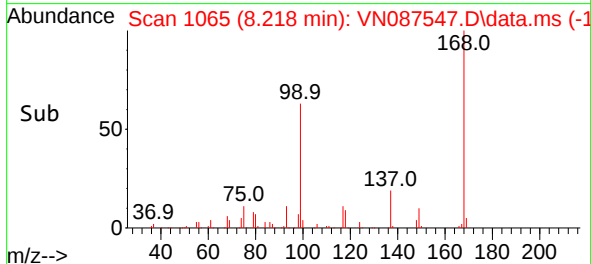
Instrument :
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WC-A5-02-G



Tgt Ion:113 Resp: 669
Ion Ratio Lower Upper
113 100
111 16.3 82.5 123.7
192 0.0 13.7 20.5

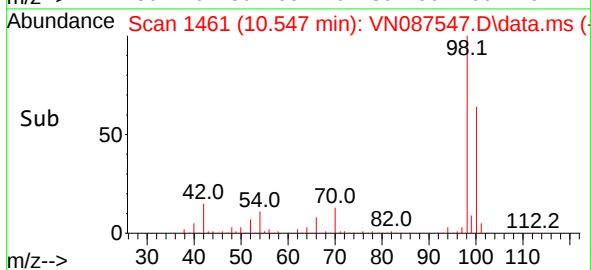
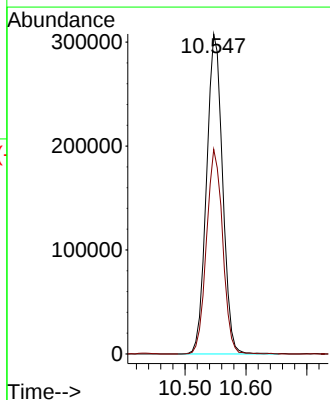
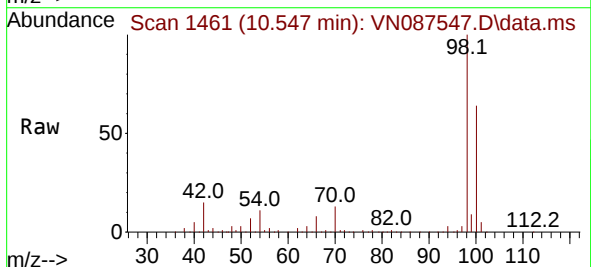
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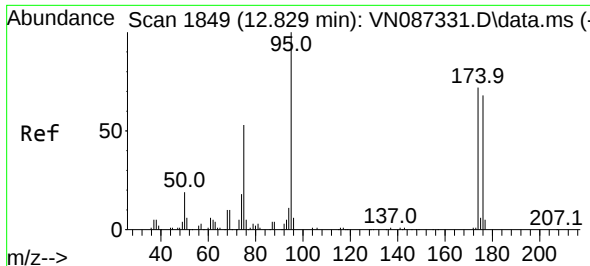
Reviewed By :John Carlone 08/14/2025
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#50
Toluene-d8
Concen: 49.131 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

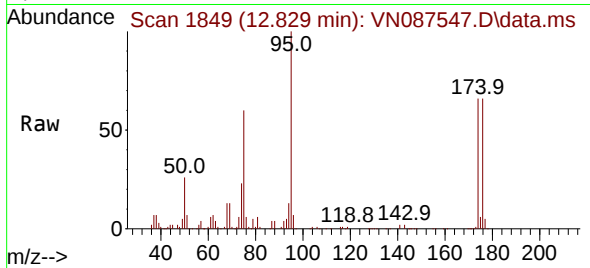
Tgt Ion: 98 Resp: 563549
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.158 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

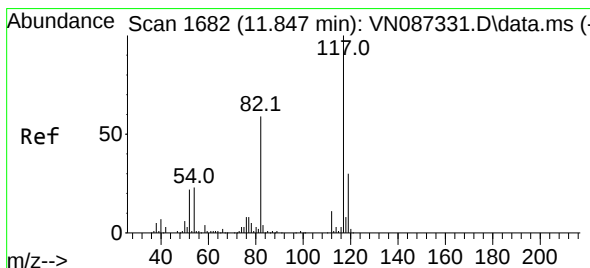
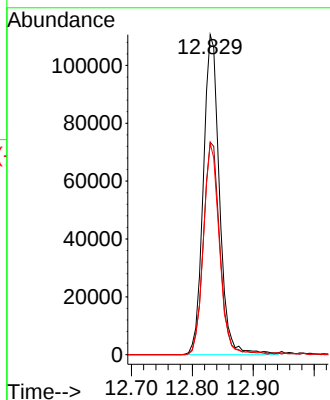
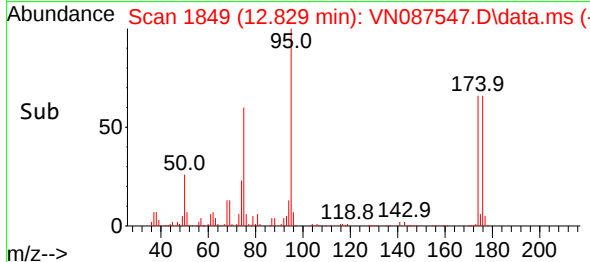
Instrument :
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ClientSampleId :
WC-A5-02-G



Tgt Ion: 95 Resp: 20408
Ion Ratio Lower Upper
95 100
174 67.2 0.0 149.4
176 65.4 0.0 141.2

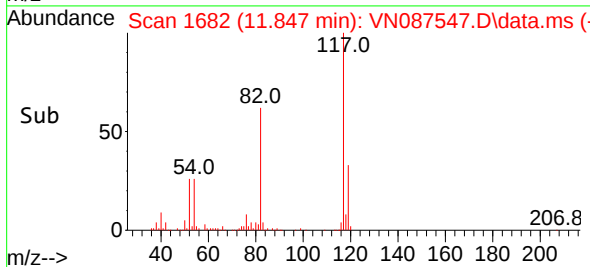
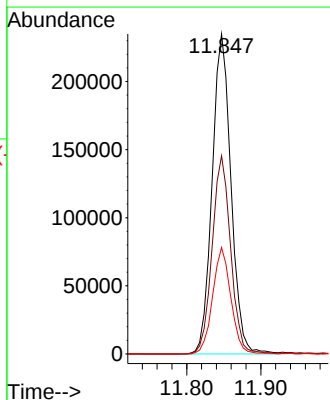
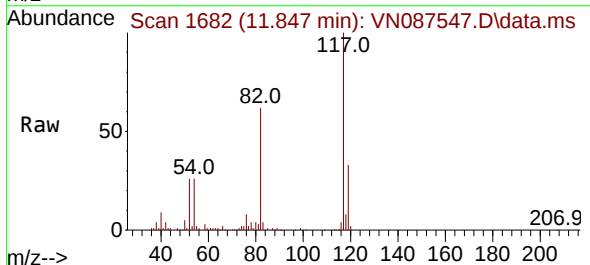
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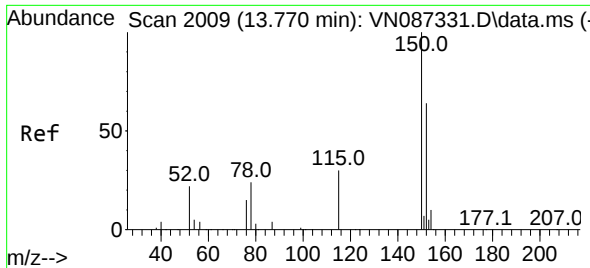
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

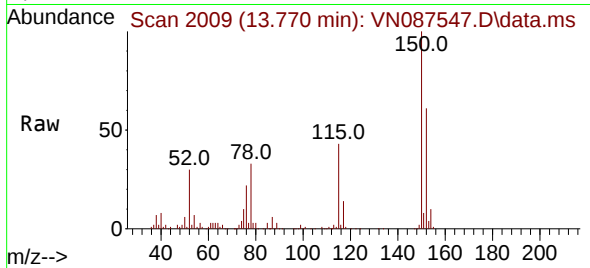
Tgt Ion:117 Resp: 415630
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 33.2 23.8 35.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40

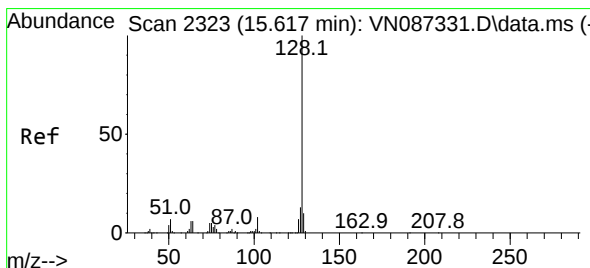
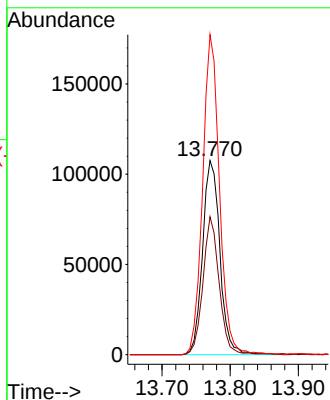
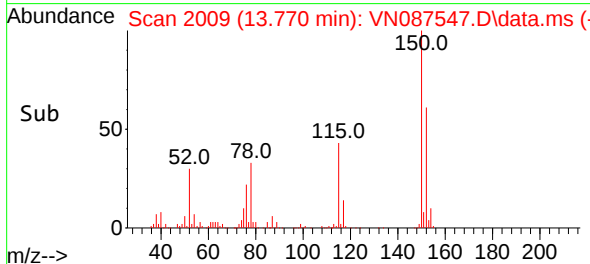
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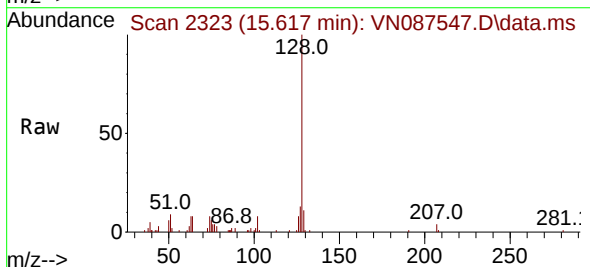
Tgt Ion:152 Resp: 190959
Ion Ratio Lower Upper
152 100
115 66.0 31.1 93.5
150 159.8 0.0 349.0

Manual Integrations
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#95
Naphthalene
Concen: 4.280 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087547.D
Acq: 13 Aug 2025 19:40



Tgt Ion:128 Resp: 51622
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.4 12.6

