

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087544.D
 Acq On : 13 Aug 2025 18:34
 Operator : JC\MD
 Sample : Q2836-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-15-G

Quant Time: Aug 14 04:05:52 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	225465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	457347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	411601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	185018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	232518	60.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	121.560%		
35) Dibromofluoromethane	8.165	113	1071m	0.339	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.680%#		
50) Toluene-d8	10.547	98	531558	47.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.829	95	194598	46.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.620%		
Target Compounds						
16) Acetone	4.424	43	280058	156.131	ug/l	100
20) Methylene Chloride	5.265	84	12244	3.442	ug/l #	93
25) 2-Butanone	7.483	43	30499	11.004	ug/l	93
95) Naphthalene	15.617	128	66215	5.667	ug/l	99

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

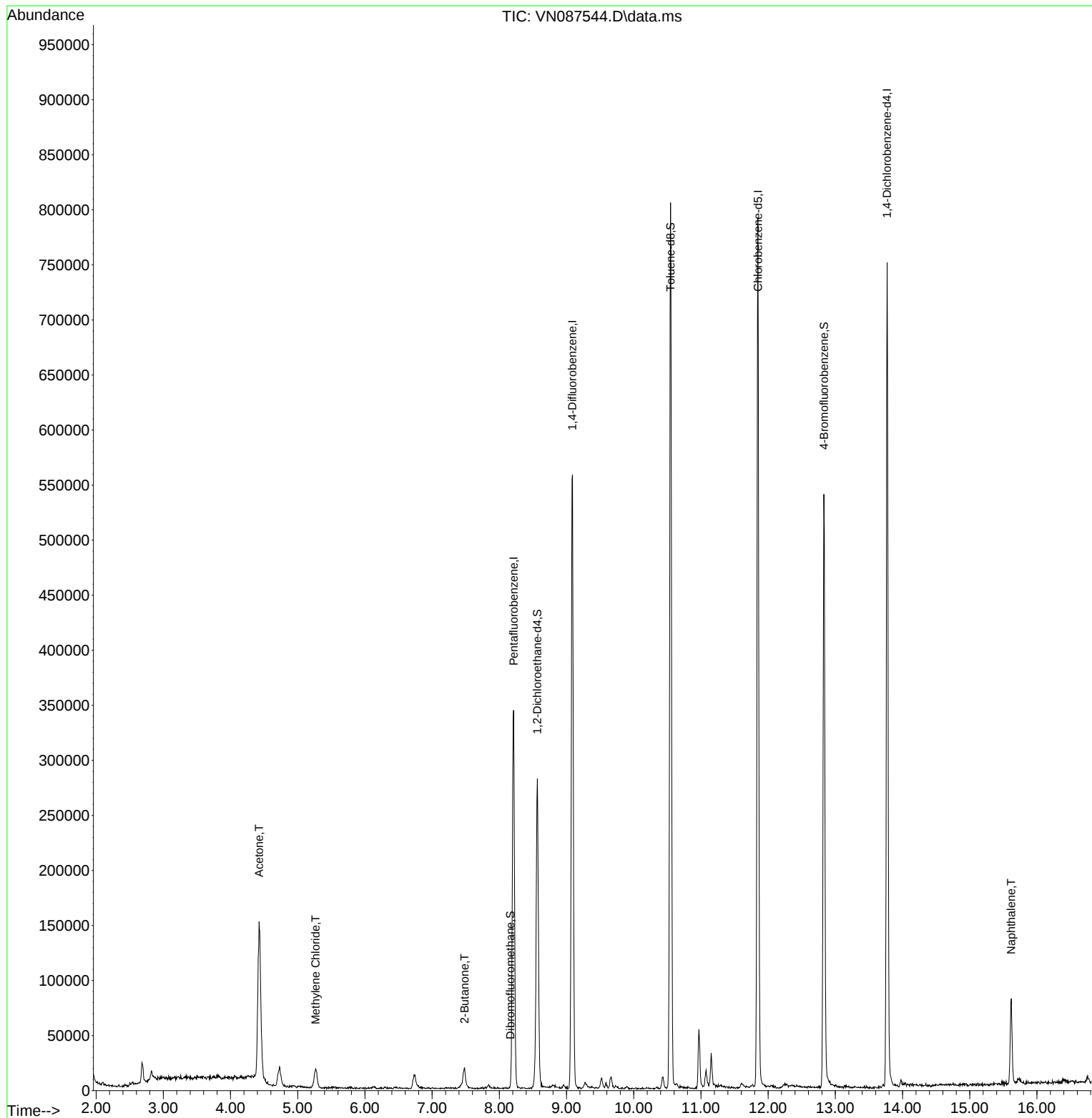
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087544.D
Acq On : 13 Aug 2025 18:34
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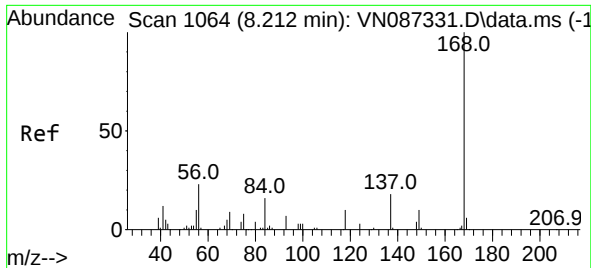
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G

Quant Time: Aug 14 04:05:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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APPROVED

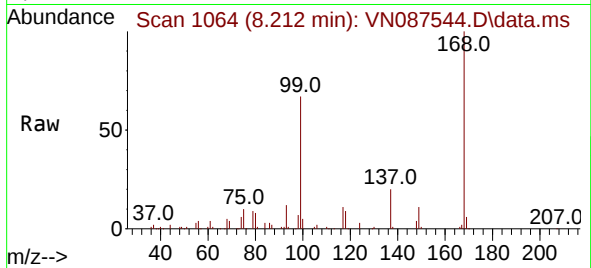
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

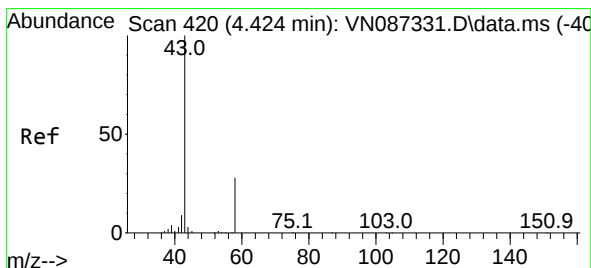
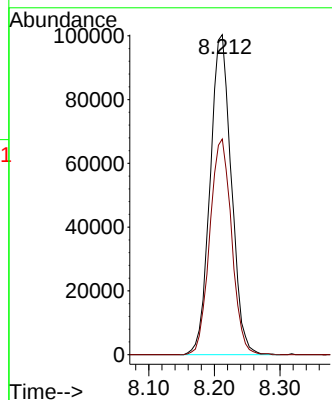
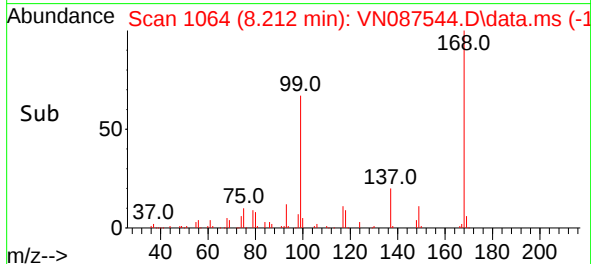
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G



Tgt Ion:168 Resp: 22546
Ion Ratio Lower Upper
168 100
99 67.4 47.9 71.9

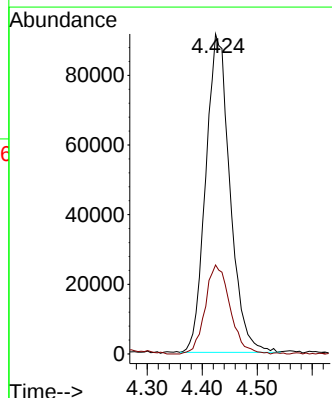
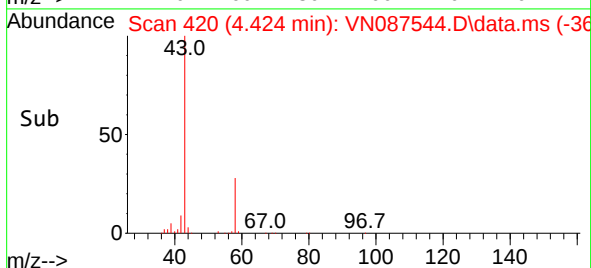
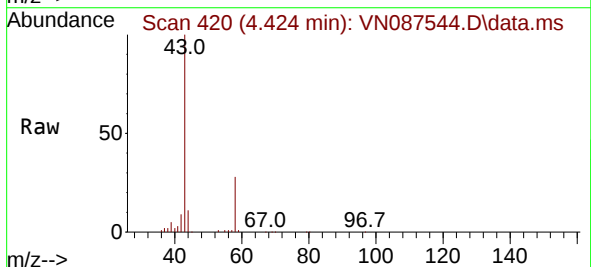
Manual Integrations
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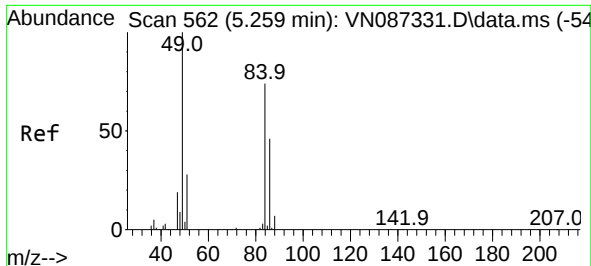
Reviewed By :John Carlone 08/14/2025
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#16
Acetone
Concen: 156.131 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

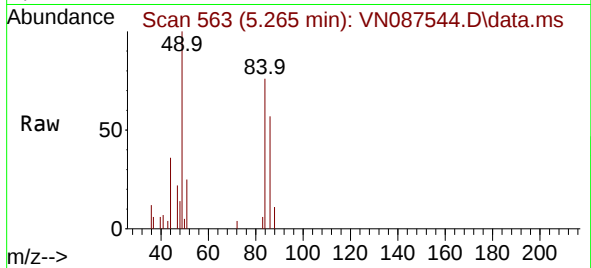
Tgt Ion: 43 Resp: 280058
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5





#20
Methylene Chloride
Concen: 3.442 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

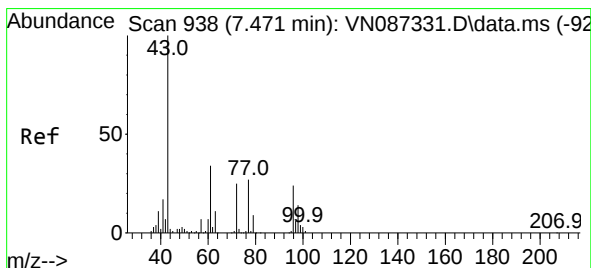
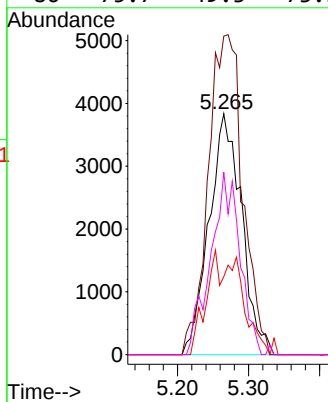
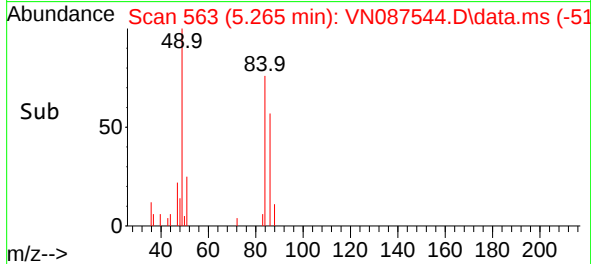
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G



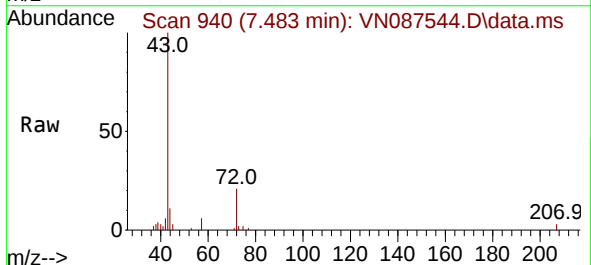
Tgt Ion: 84 Resp: 12244
Ion Ratio Lower Upper
84 100
49 132.2 107.5 161.3
51 32.4 30.2 45.2
86 75.7 49.3 73.9#

Manual Integrations
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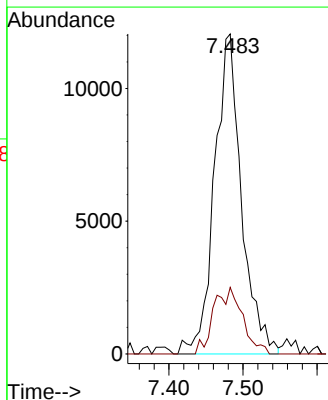
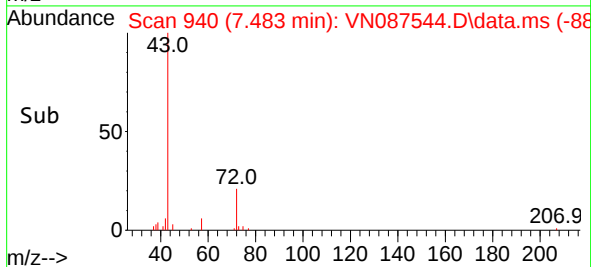
Reviewed By :John Carlone 08/14/2025
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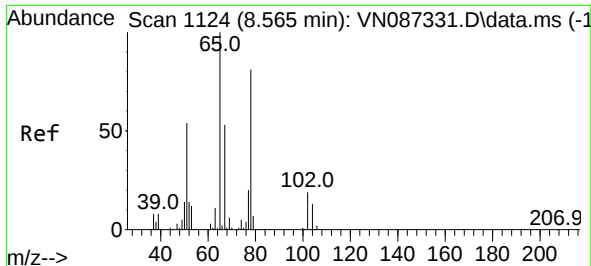


#25
2-Butanone
Concen: 11.004 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34



Tgt Ion: 43 Resp: 30499
Ion Ratio Lower Upper
43 100
72 20.8 19.6 29.4





#33

1,2-Dichloroethane-d4

Concen: 60.779 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087544.D

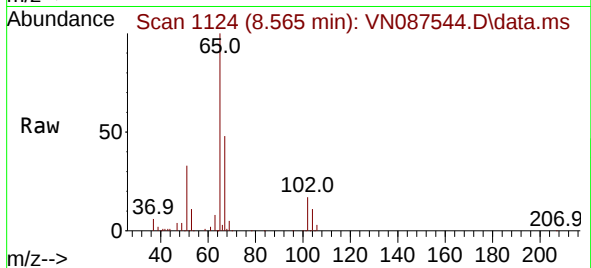
Acq: 13 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :

WC-A2-15-G



Tgt Ion: 65 Resp: 232518

Ion Ratio Lower Upper

65 100

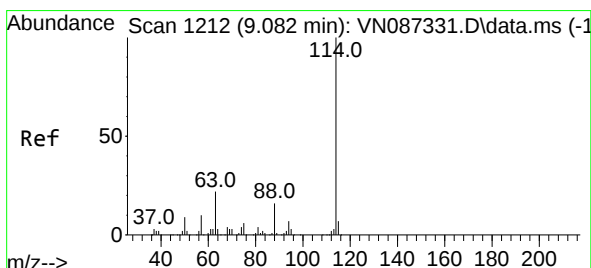
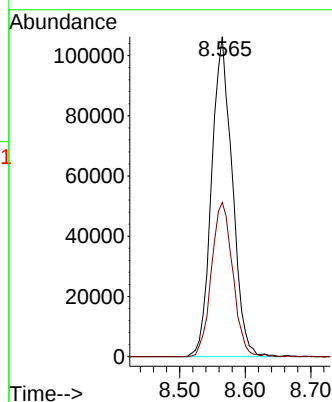
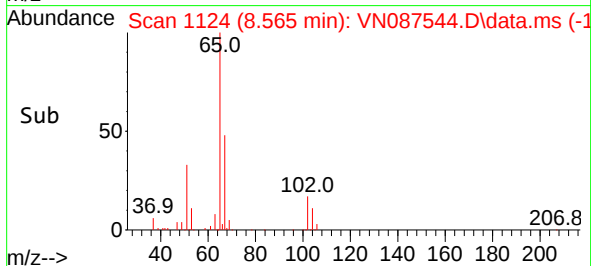
67 49.8 0.0 104.0

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: VN087544.D

Acq: 13 Aug 2025 18:34

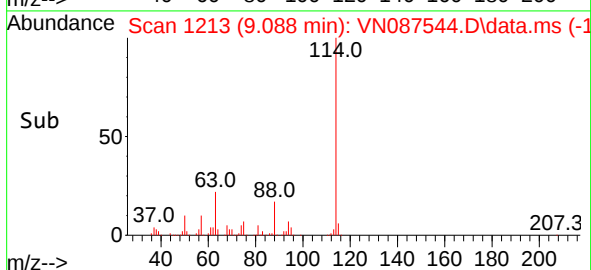
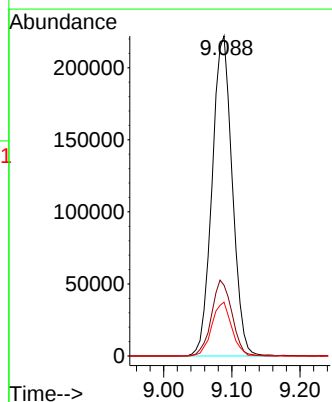
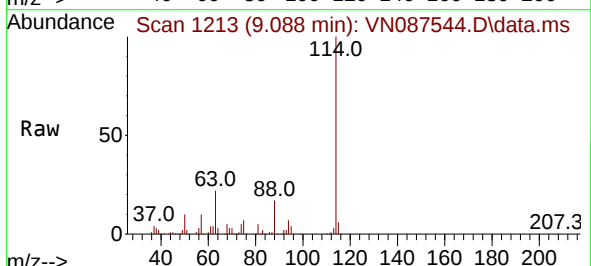
Tgt Ion:114 Resp: 457347

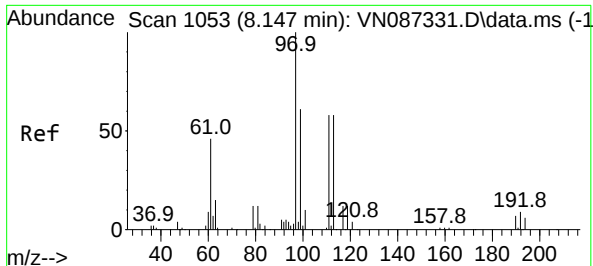
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

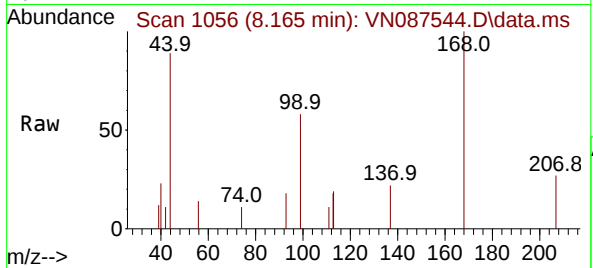
88 16.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 0.339 ug/l m
RT: 8.165 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

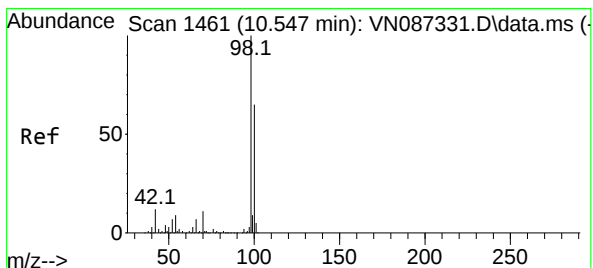
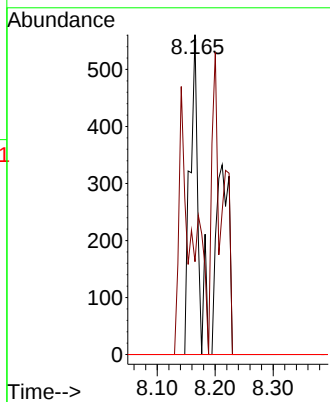
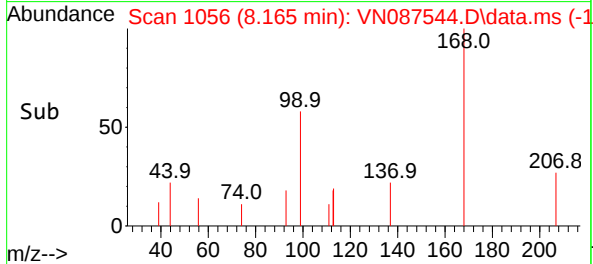
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G



Tgt Ion: 113 Resp: 107
Ion Ratio Lower Upper
113 100
111 0.0 82.5 123.7
192 0.0 13.7 20.5

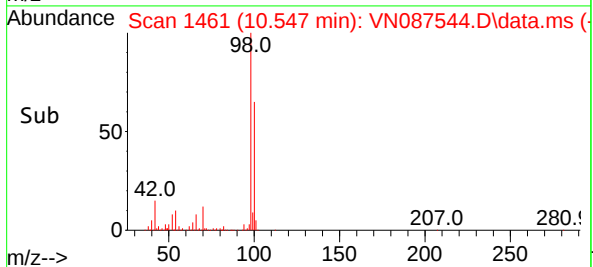
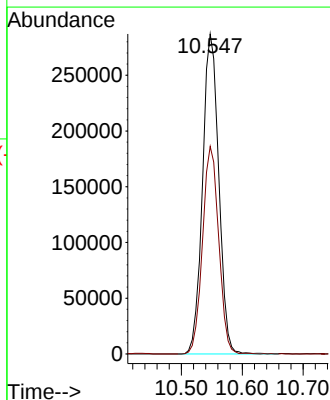
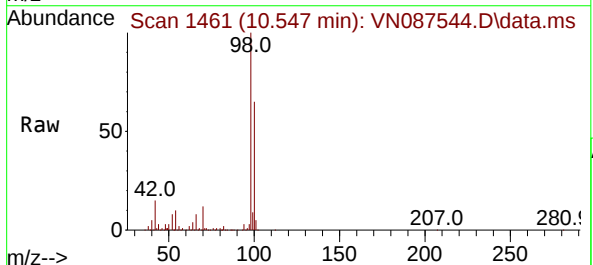
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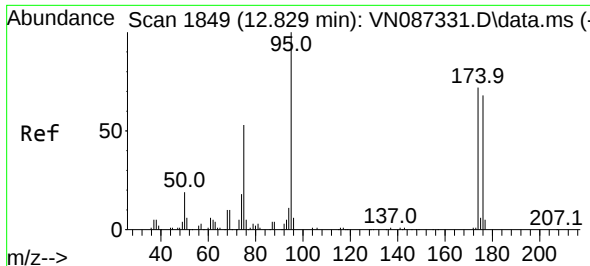
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#50
Toluene-d8
Concen: 47.235 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

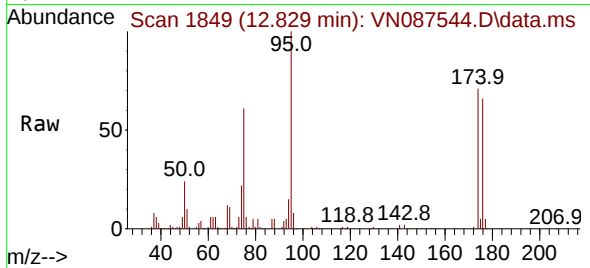
Tgt Ion: 98 Resp: 531558
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 46.805 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

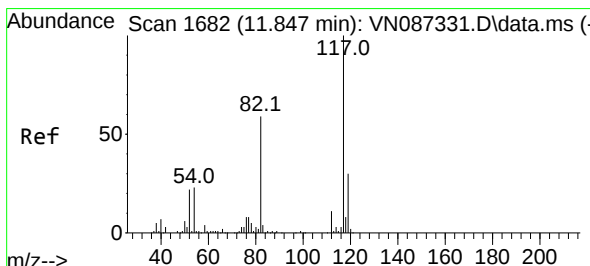
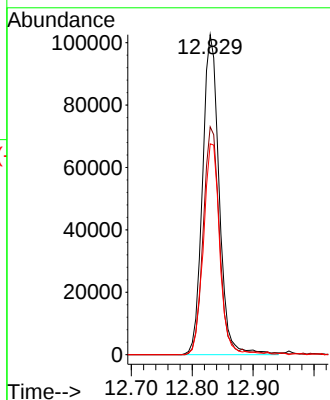
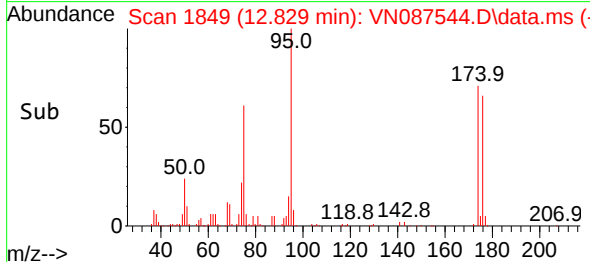
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-15-G



Tgt Ion: 95 Resp: 194598
Ion Ratio Lower Upper
95 100
174 69.5 0.0 149.4
176 65.1 0.0 141.2

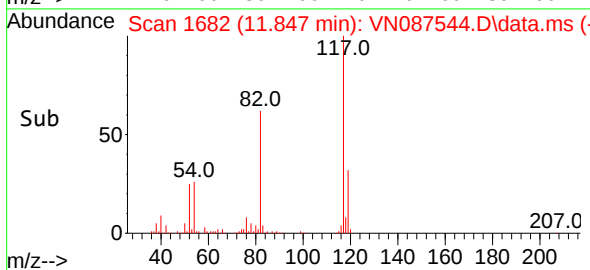
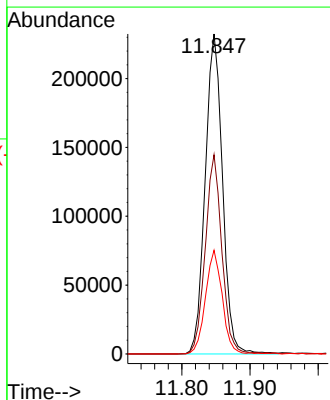
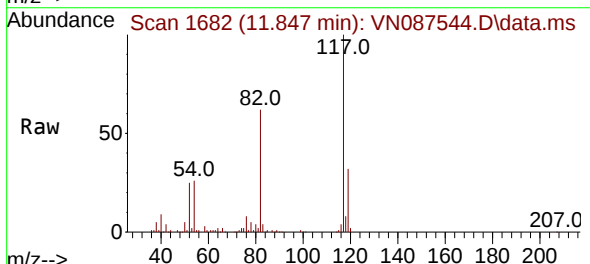
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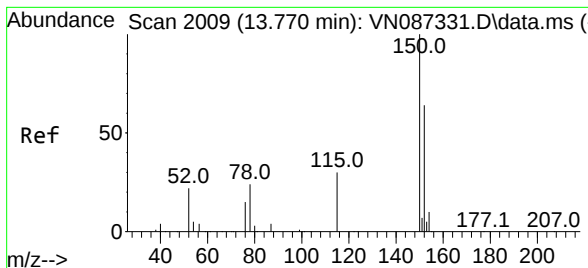
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

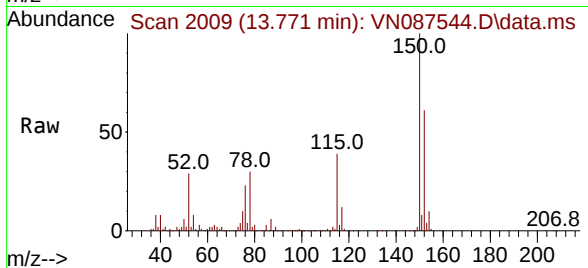
Tgt Ion:117 Resp: 411601
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.4 23.8 35.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34

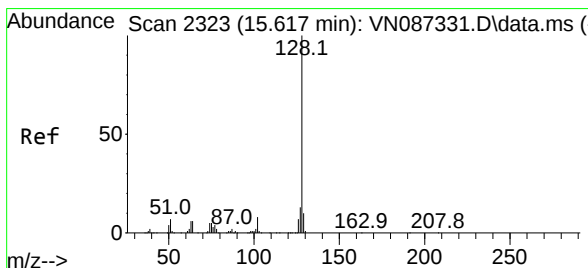
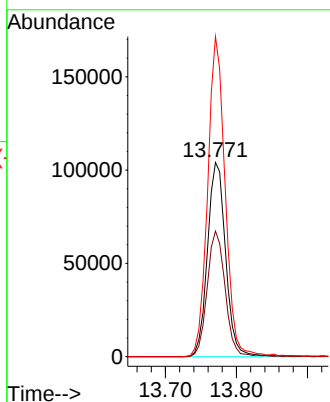
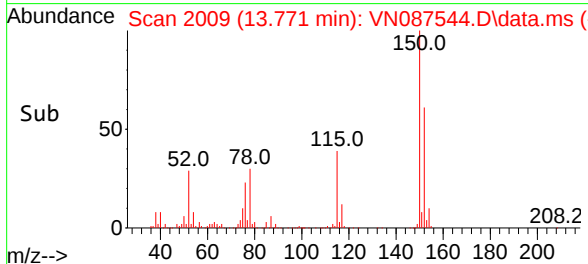
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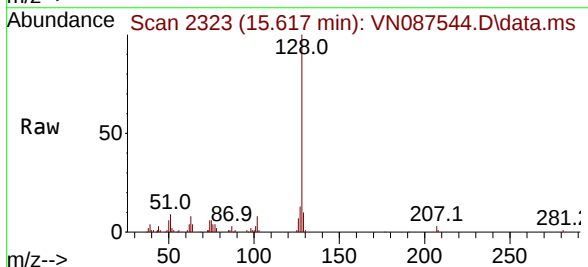
Tgt Ion:152 Resp: 185018
Ion Ratio Lower Upper
152 100
115 64.2 31.1 93.5
150 159.2 0.0 349.0

Manual Integrations
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#95
Naphthalene
Concen: 5.667 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087544.D
Acq: 13 Aug 2025 18:34



Tgt Ion:128 Resp: 66215
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.8 8.4 12.6

