

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088249.D
 Acq On : 11 Nov 2025 12:22
 Operator : JC\MD
 Sample : Q3577-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1A

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 01:13:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	210131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	475251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	471078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	224837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	205802	56.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.280%			
35) Dibromofluoromethane	8.147	113	155599	48.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.460%			
50) Toluene-d8	10.541	98	574057	46.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.320%			
62) 4-Bromofluorobenzene	12.829	95	221680	51.023	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.040%			
Target Compounds					Qvalue	
16) Acetone	4.418	43	145500	79.705	ug/l	100
18) Methyl Acetate	5.036	43	6745m	1.805	ug/l	
20) Methylene Chloride	5.271	84	16999	5.547	ug/l	97
25) 2-Butanone	7.477	43	15764	6.553	ug/l #	89
43) Isopropyl Acetate	8.677	43	27264	2.949	ug/l	94

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

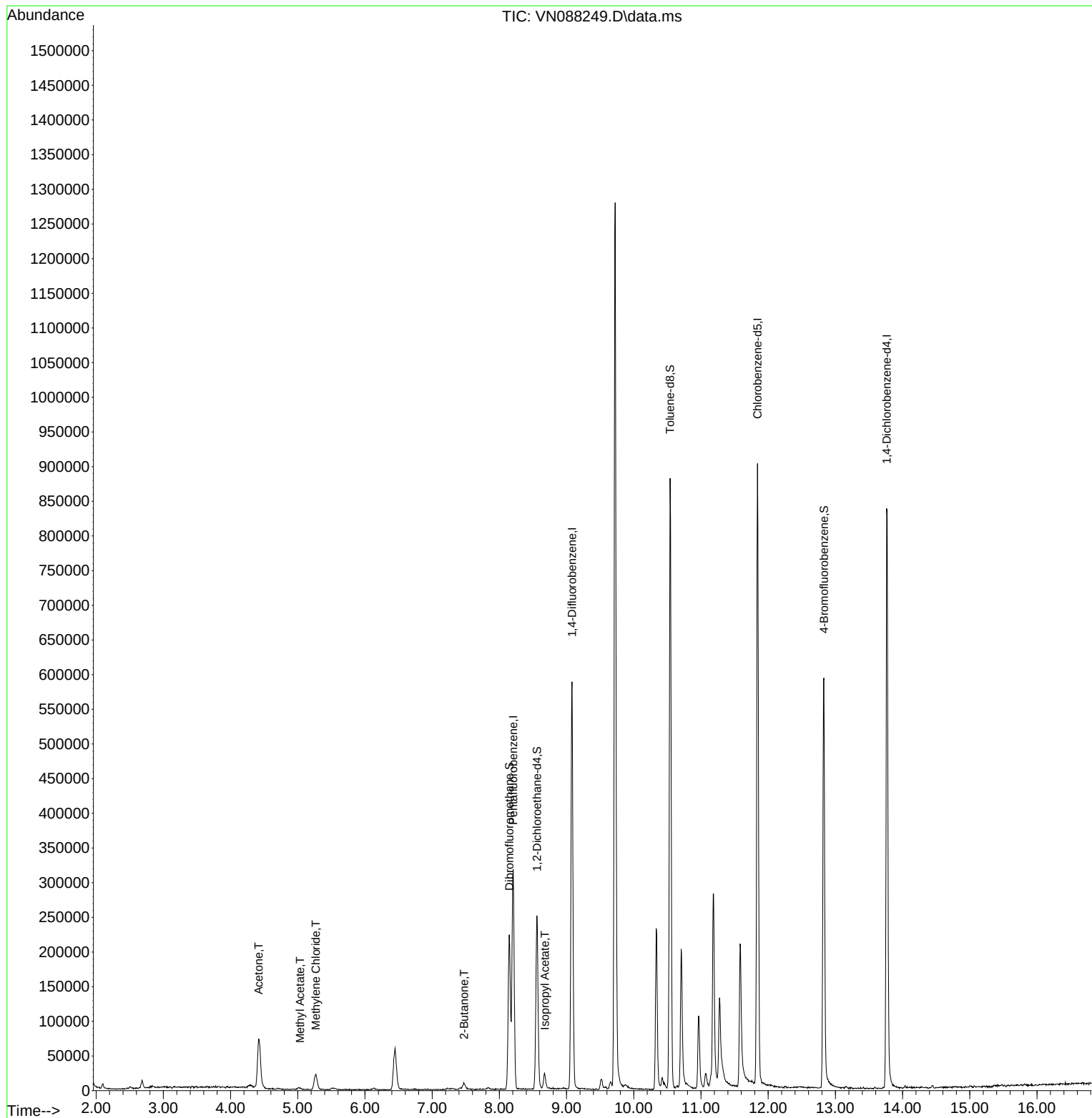
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088249.D
Acq On : 11 Nov 2025 12:22
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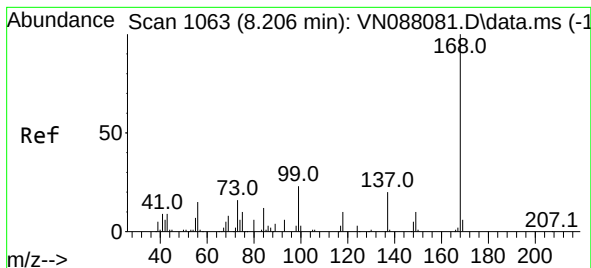
Instrument :
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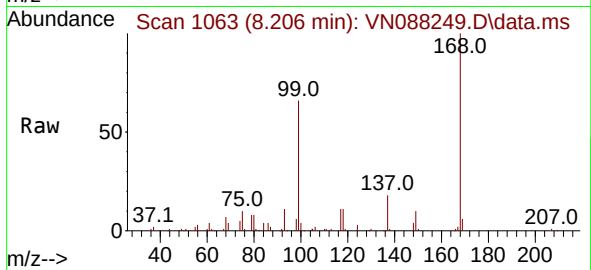
Quant Time: Nov 12 01:13:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

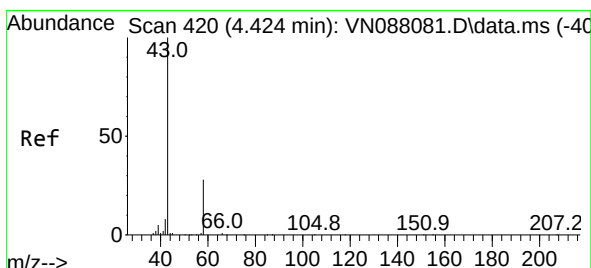
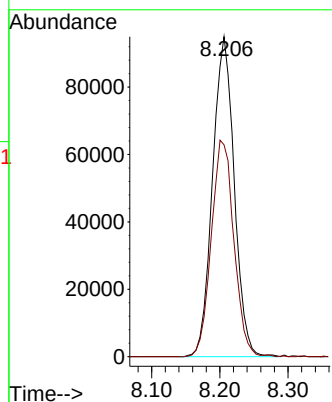
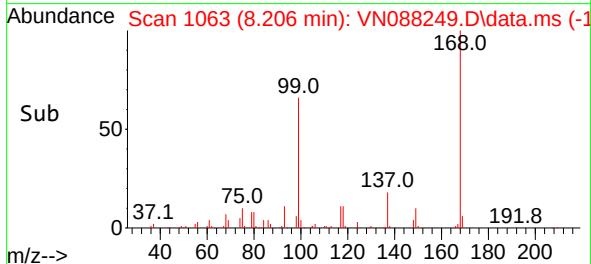
Instrument :
MSVOA_N
ClientSampleId :
WC-1A



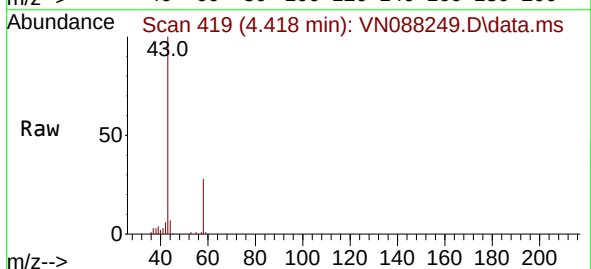
Tgt Ion:168 Resp: 21013
Ion Ratio Lower Upper
168 100
99 66.2 57.2 85.8

Manual Integrations
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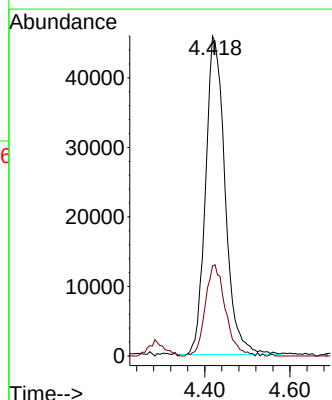
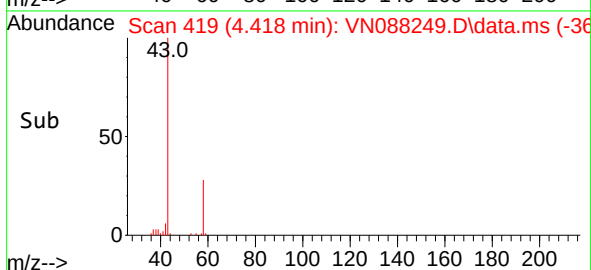
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

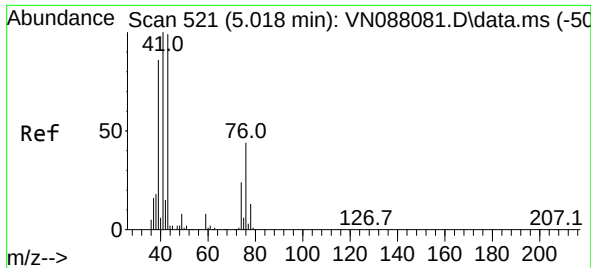


#16
Acetone
Concen: 79.705 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22



Tgt Ion: 43 Resp: 145500
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8





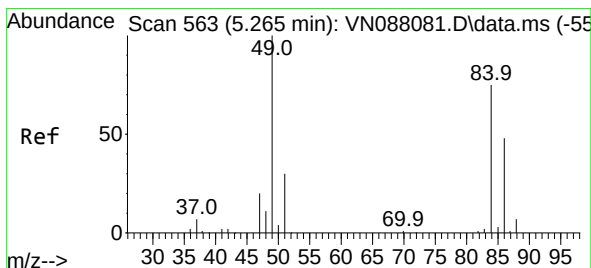
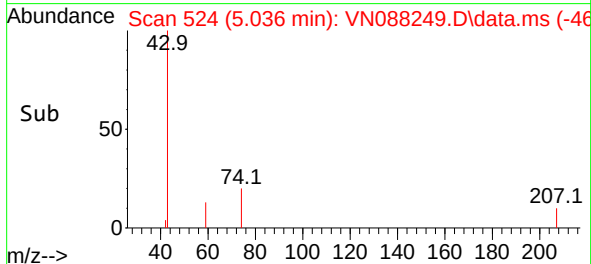
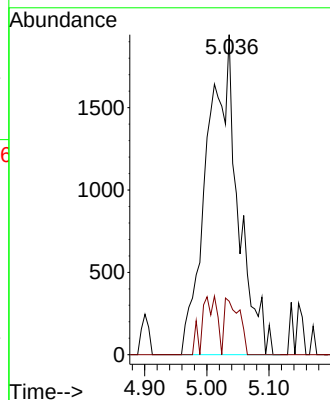
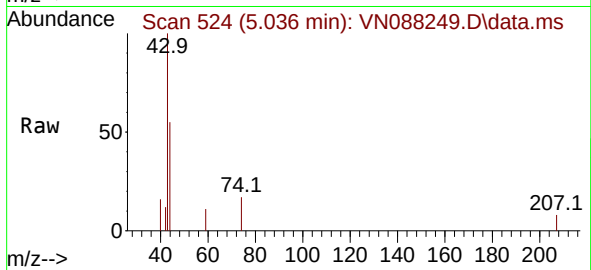
#18
Methyl Acetate
Concen: 1.805 ug/l m
RT: 5.036 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
WC-1A

Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
74 8.8 17.6 26.4

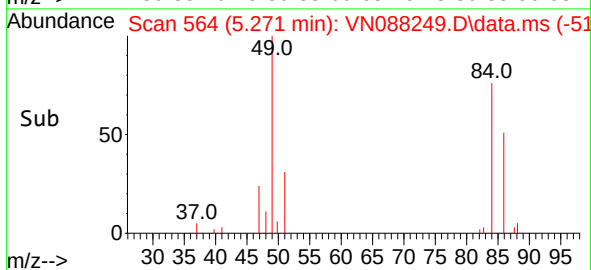
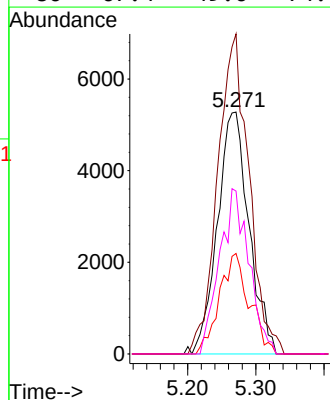
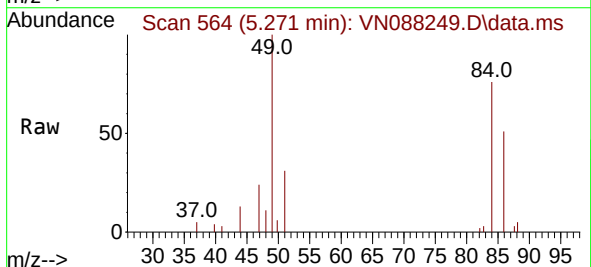
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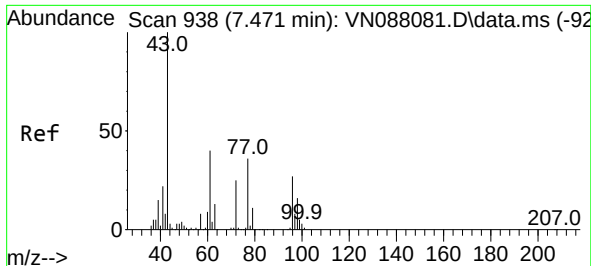
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 5.547 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

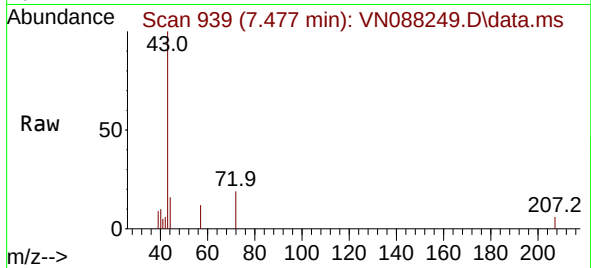
Tgt Ion: 84 Resp: 16999
Ion Ratio Lower Upper
84 100
49 132.3 103.4 155.2
51 41.5 33.8 50.8
86 67.4 49.6 74.4





#25
2-Butanone
Concen: 6.553 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

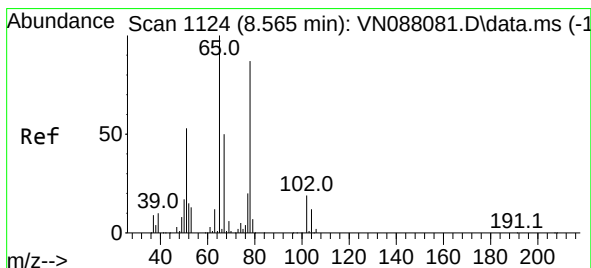
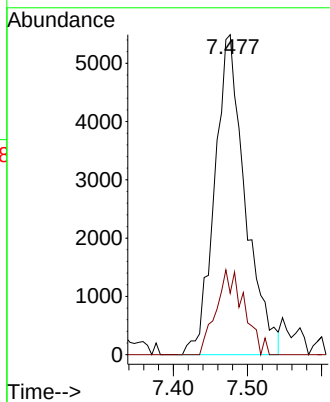
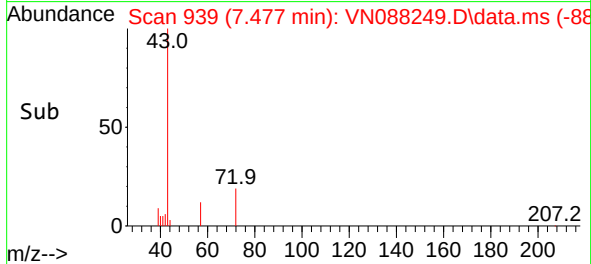
Instrument :
MSVOA_N
ClientSampleId :
WC-1A



Tgt Ion: 43 Resp: 15764
Ion Ratio Lower Upper
43 100
72 19.2 19.9 29.9

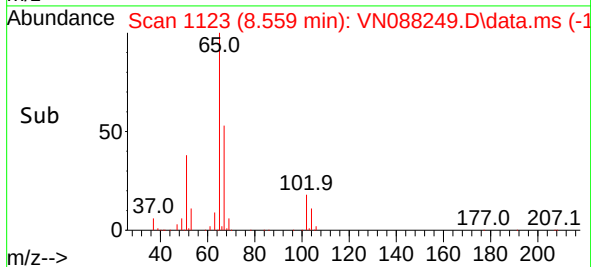
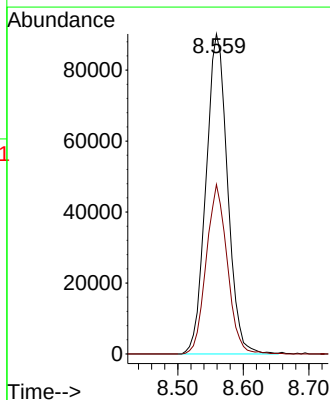
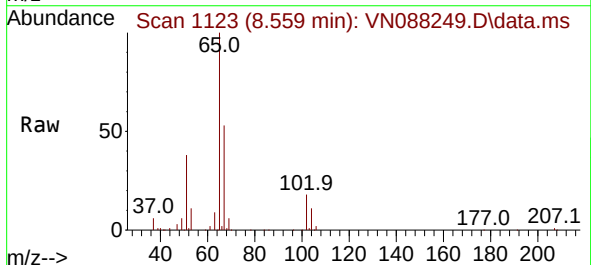
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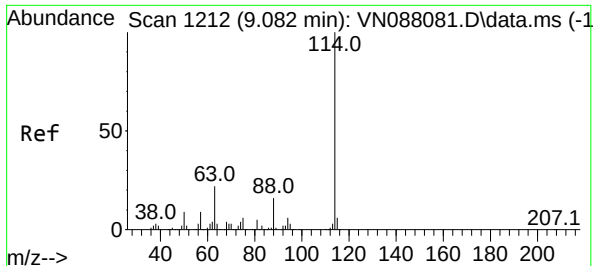
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#33
1,2-Dichloroethane-d4
Concen: 56.639 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

Tgt Ion: 65 Resp: 205802
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088249.D

Acq: 11 Nov 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

WC-1A

Tgt Ion:114 Resp: 47525

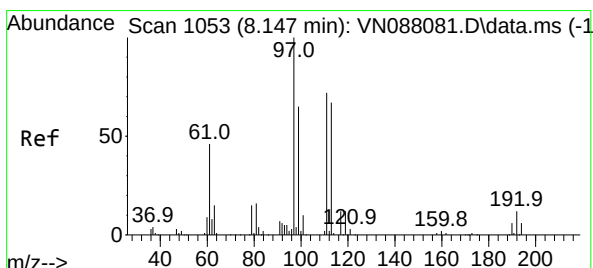
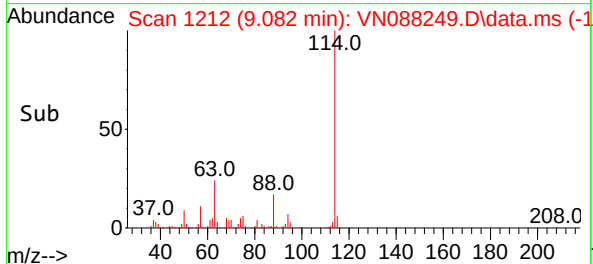
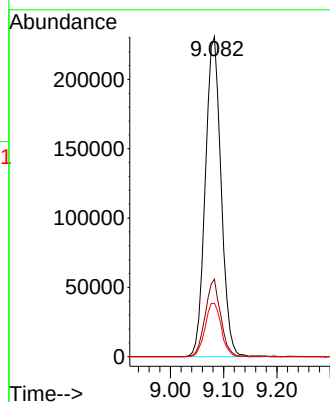
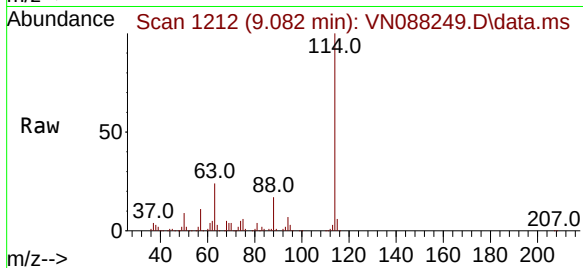
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	45.2
88	16.7	0.0	33.4

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#35

Dibromofluoromethane

Concen: 48.735 ug/l

RT: 8.147 min Scan# 1053

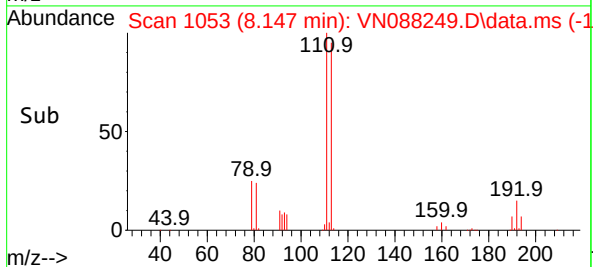
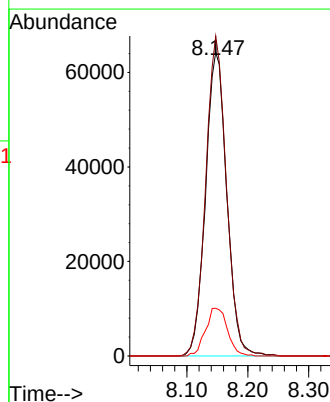
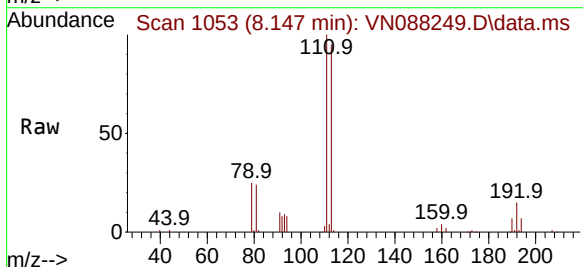
Delta R.T. -0.006 min

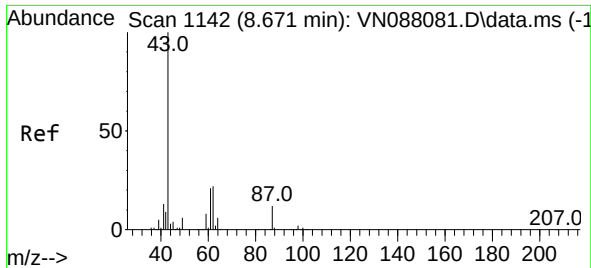
Lab File: VN088249.D

Acq: 11 Nov 2025 12:22

Tgt Ion:113 Resp: 155599

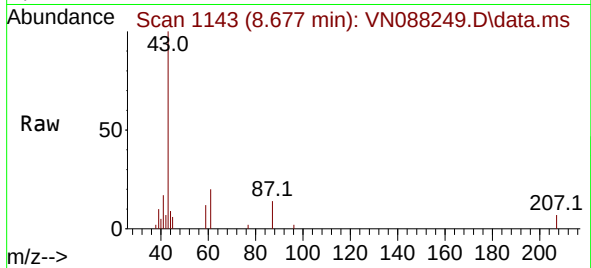
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	16.3	12.8	19.2





#43
Isopropyl Acetate
Concen: 2.949 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

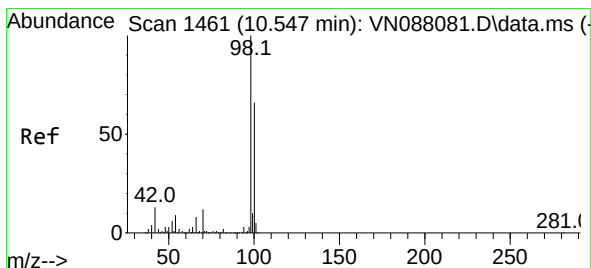
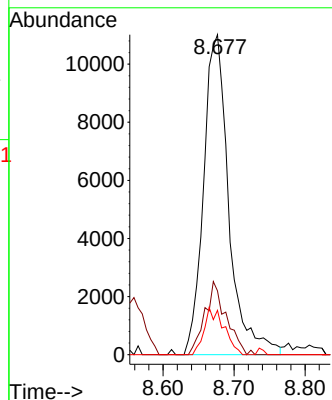
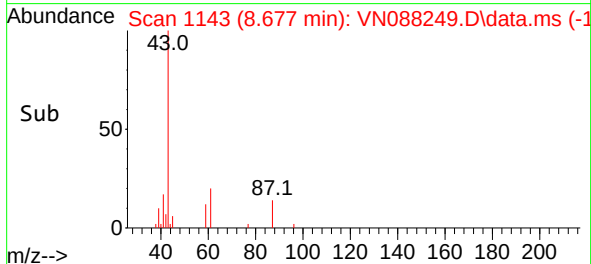
Instrument :
MSVOA_N
ClientSampleId :
WC-1A



Tgt Ion: 43 Resp: 27264
Ion Ratio Lower Upper
43 100
61 19.5 18.8 28.2
87 11.5 9.6 14.4

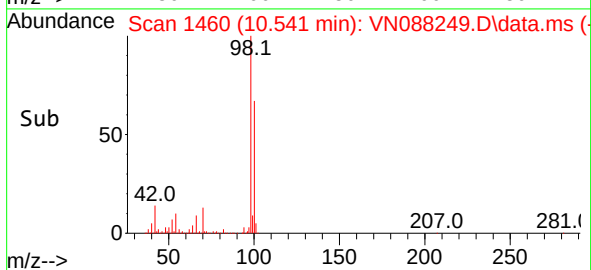
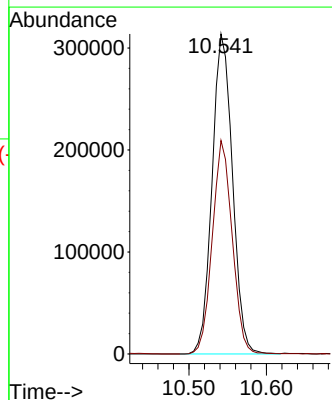
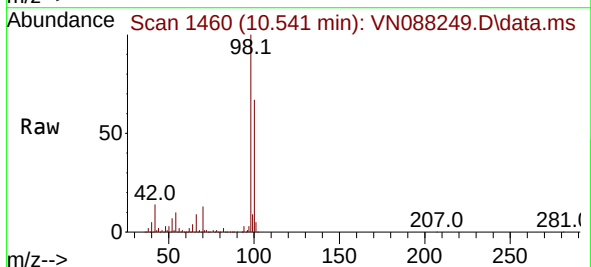
Manual Integrations
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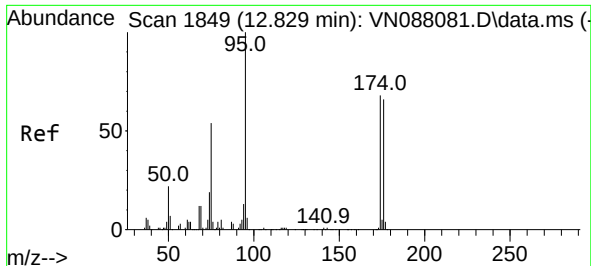
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#50
Toluene-d8
Concen: 46.663 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

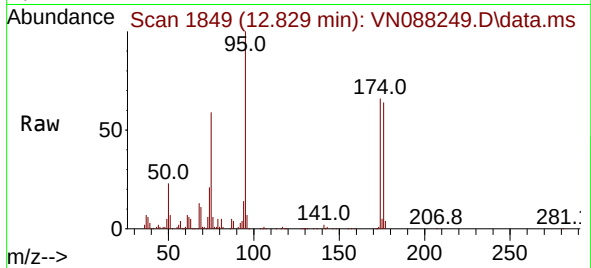
Tgt Ion: 98 Resp: 574057
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 51.023 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22

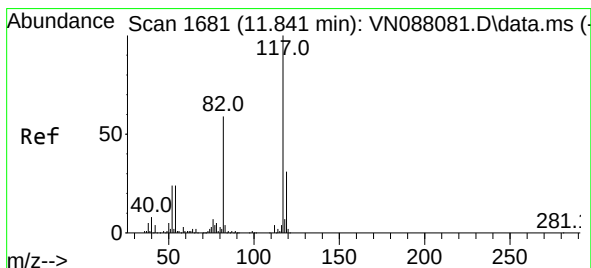
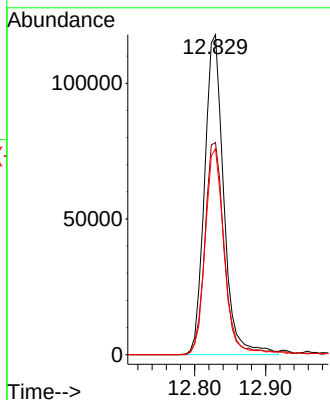
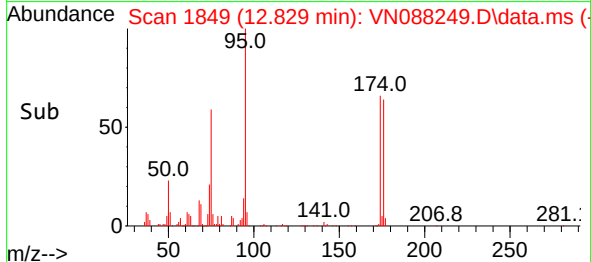
Instrument :
MSVOA_N
ClientSampleId :
WC-1A



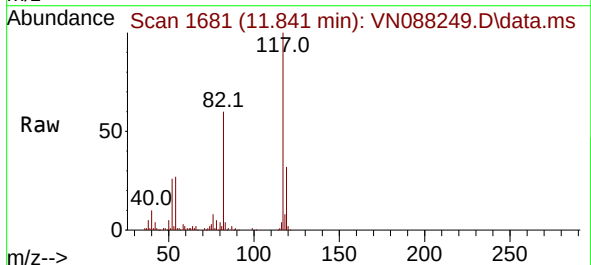
Tgt Ion: 95 Resp: 221680
Ion Ratio Lower Upper
95 100
174 67.2 0.0 138.4
176 64.4 0.0 132.6

Manual Integrations
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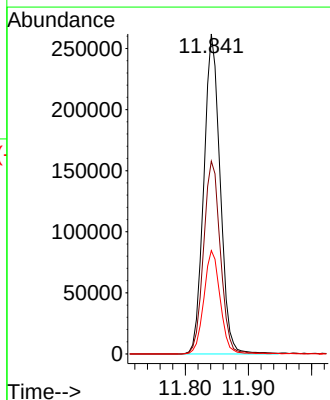
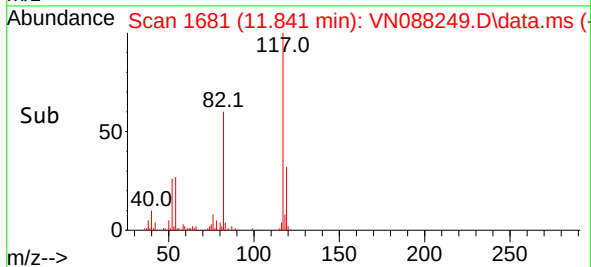
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

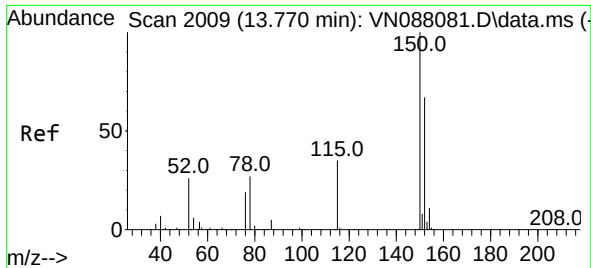


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088249.D
Acq: 11 Nov 2025 12:22



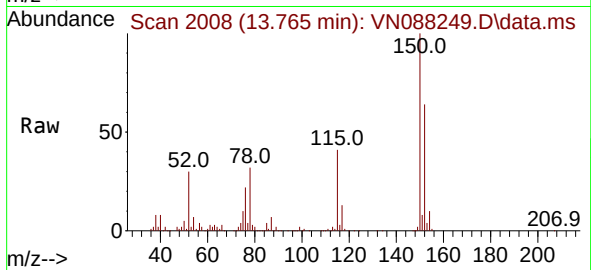
Tgt Ion:117 Resp: 471078
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.3 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.765 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088249.D
 Acq: 11 Nov 2025 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1A



Tgt Ion:152 Resp: 22483
 Ion Ratio Lower Upper
 152 100
 115 64.9 32.3 96.8
 150 157.9 0.0 351.0

Manual Integrations
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