

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086511.D
 Acq On : 06 May 2025 13:46
 Operator : JC\MD
 Sample : Q1951-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-KK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:55:12 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	8.218	168	177811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124705	48.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	8.165	113	90358	58.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.440%		
50) Toluene-d8	10.565	98	425599	51.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.847	95	150069	49.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.200%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	45563	46.464	ug/l	97
20) Methylene Chloride	5.271	84	7629	3.201	ug/l	89
25) 2-Butanone	7.483	43	8786m	5.474	ug/l	
40) Benzene	8.600	78	11224	1.130	ug/l	92
43) Isopropyl Acetate	8.683	43	26083	2.640	ug/l #	87

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

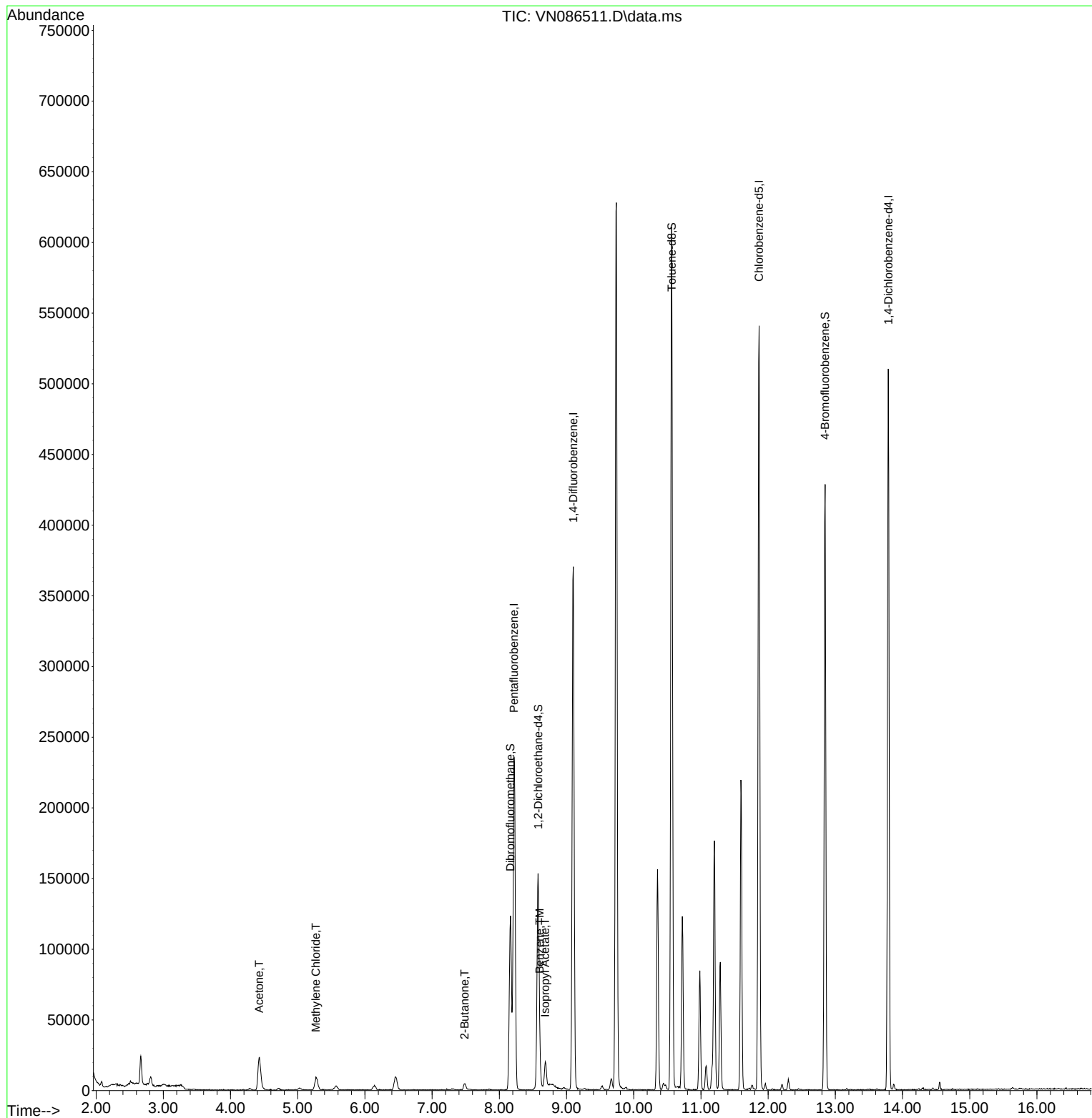
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086511.D
Acq On : 06 May 2025 13:46
Operator : JC\MD
Sample : Q1951-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

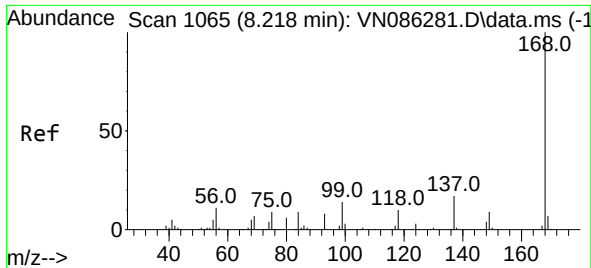
Instrument :
MSVOA_N
ClientSampleId :
MH-KK

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/07/2025
Supervised By : Mahesh Dadoda 05/07/2025

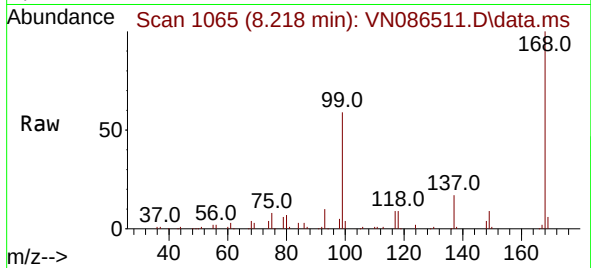
Quant Time: May 07 02:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

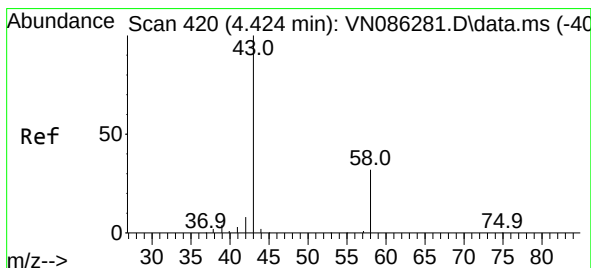
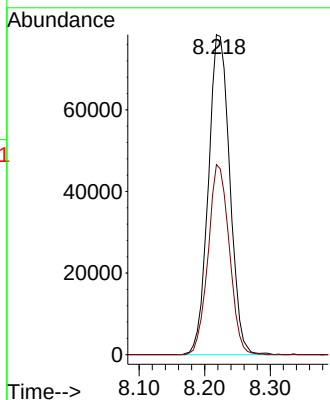
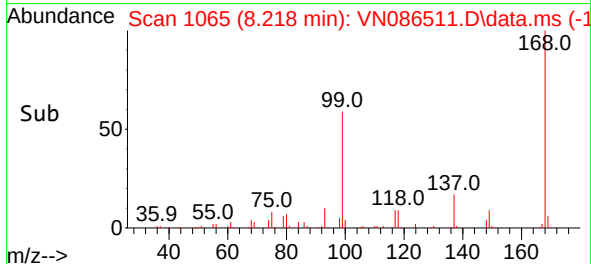
Instrument :
MSVOA_N
ClientSampleId :
MH-KK



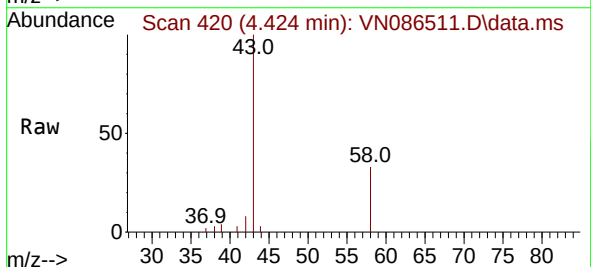
Tgt Ion:168 Resp: 17781
Ion Ratio Lower Upper
168 100
99 59.4 52.5 78.7

Manual Integrations
APPROVED

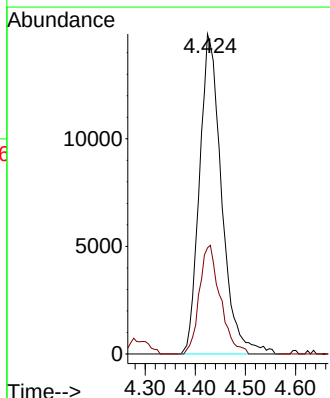
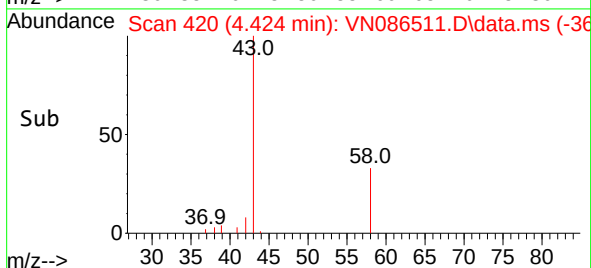
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

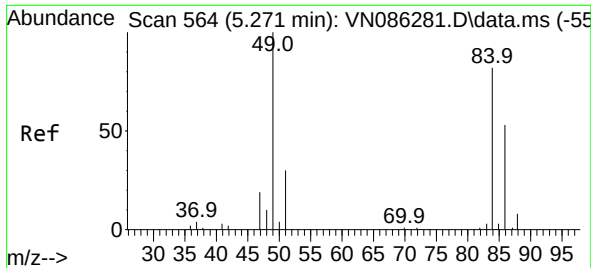


#16
Acetone
Concen: 46.464 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46



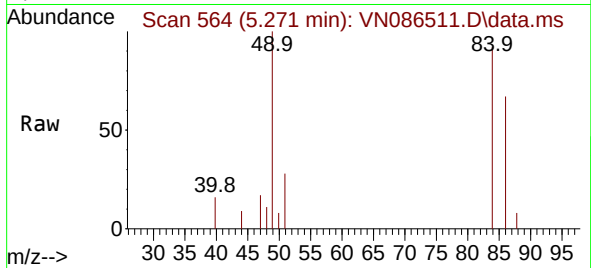
Tgt Ion: 43 Resp: 45563
Ion Ratio Lower Upper
43 100
58 33.2 25.3 37.9





#20
Methylene Chloride
Concen: 3.201 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

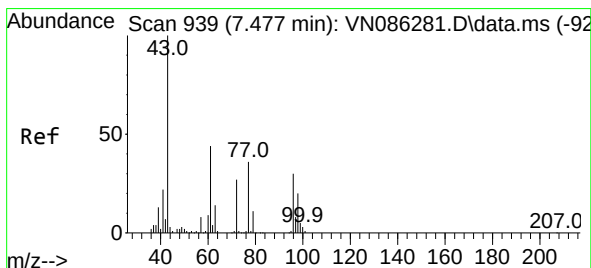
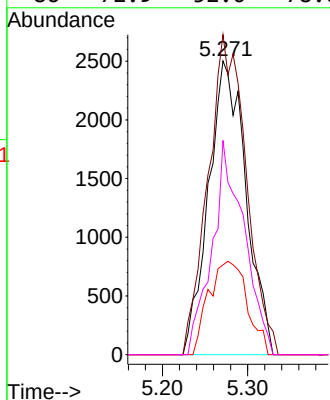
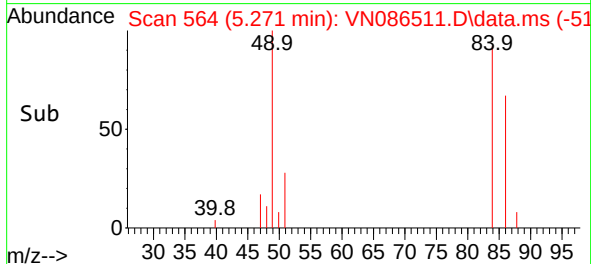
Instrument :
MSVOA_N
ClientSampleId :
MH-KK



Tgt Ion: 84 Resp: 7629
Ion Ratio Lower Upper
84 100
49 108.9 98.2 147.2
51 30.6 29.8 44.6
86 72.9 52.0 78.0

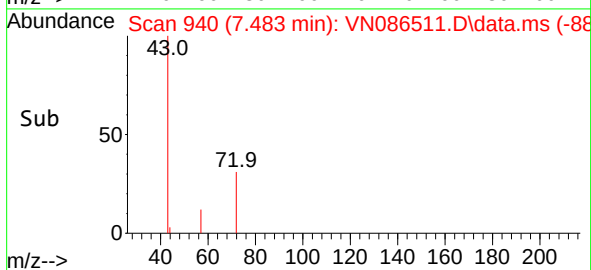
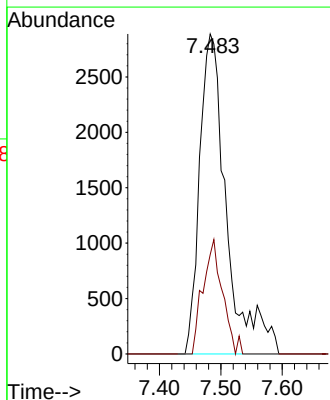
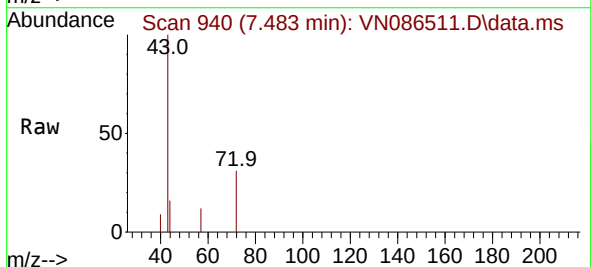
Manual Integrations
APPROVED

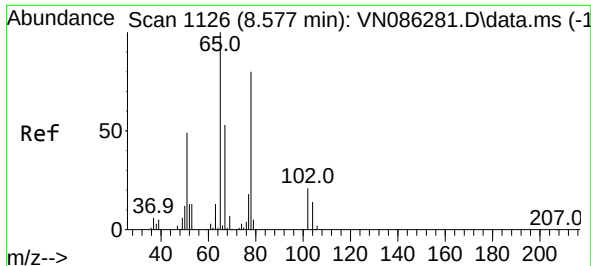
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#25
2-Butanone
Concen: 5.474 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

Tgt Ion: 43 Resp: 8786
Ion Ratio Lower Upper
43 100
72 31.0 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 48.365 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086511.D

Acq: 06 May 2025 13:46

Instrument :

MSVOA_N

ClientSampleId :

MH-KK

Tgt Ion: 65 Resp: 12470

Ion Ratio Lower Upper

65 100

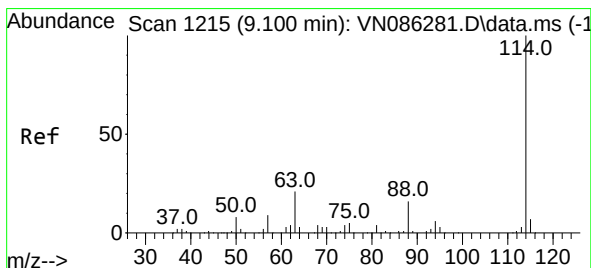
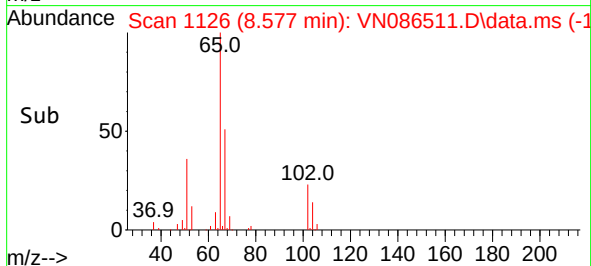
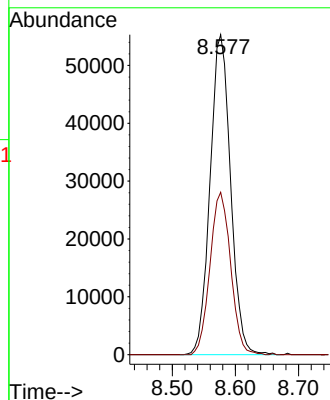
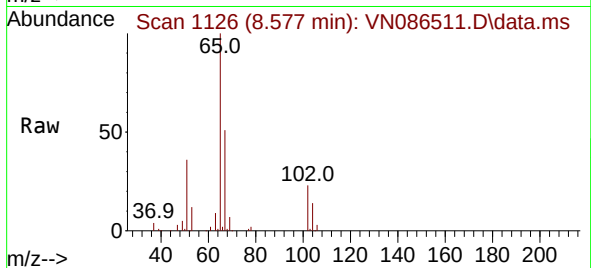
67 51.1 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086511.D

Acq: 06 May 2025 13:46

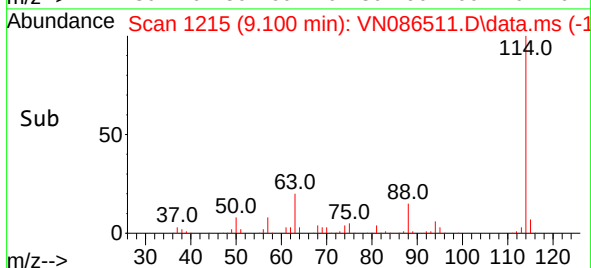
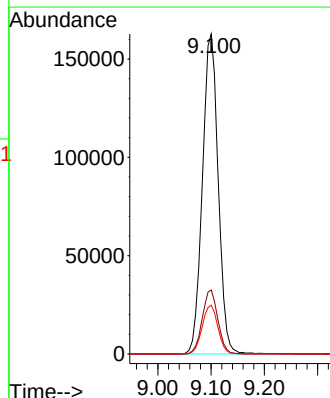
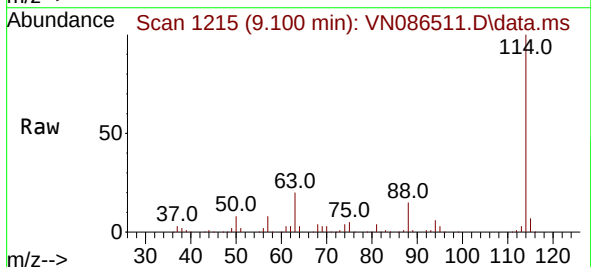
Tgt Ion:114 Resp: 334407

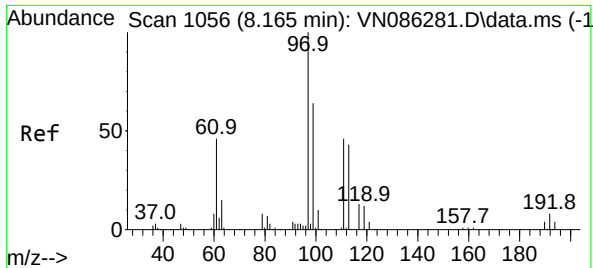
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

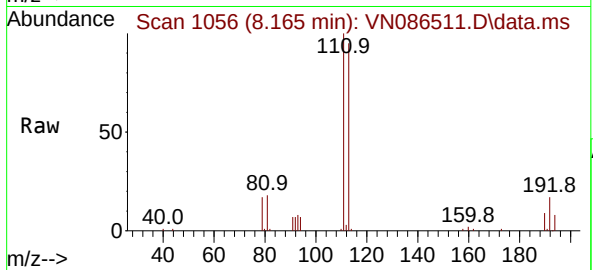
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 58.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

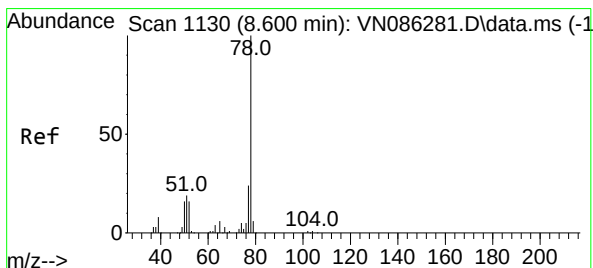
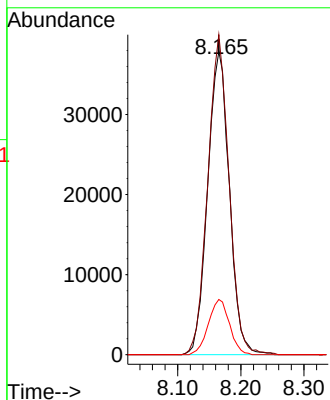
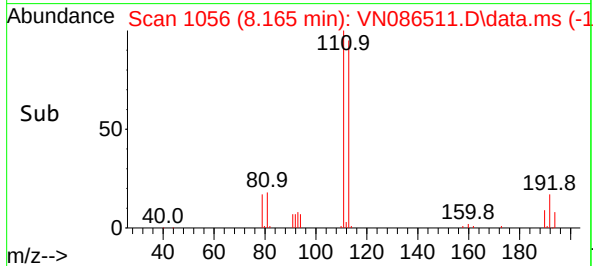
Instrument :
MSVOA_N
ClientSampleId :
MH-KK



Tgt Ion:113 Resp: 90358
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 17.7 13.7 20.5

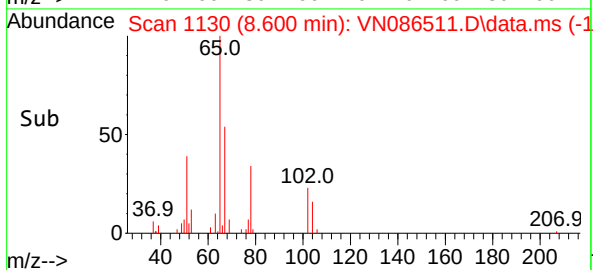
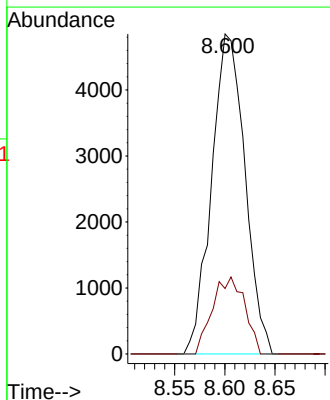
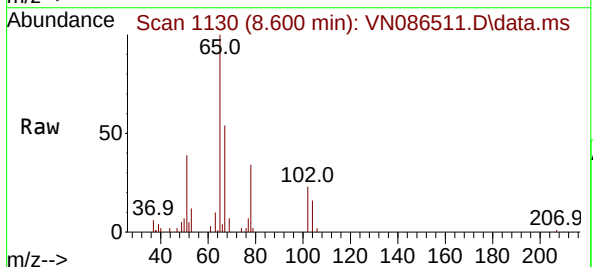
Manual Integrations
APPROVED

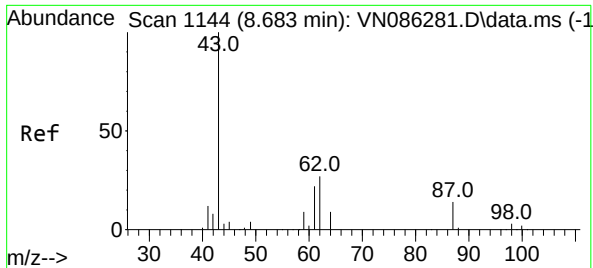
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#40
Benzene
Concen: 1.130 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

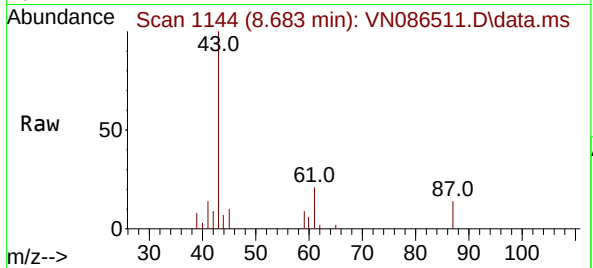
Tgt Ion: 78 Resp: 11224
Ion Ratio Lower Upper
78 100
77 20.5 19.4 29.2





#43
Isopropyl Acetate
Concen: 2.640 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

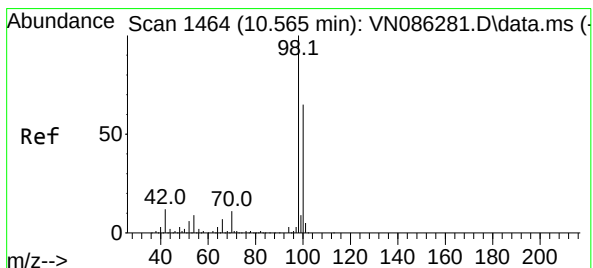
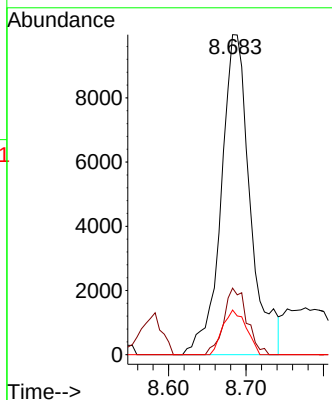
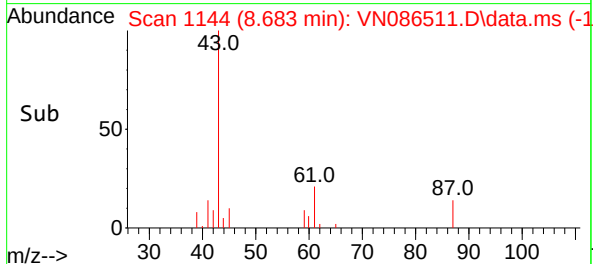
Instrument :
MSVOA_N
ClientSampleId :
MH-KK



Tgt Ion: 43 Resp: 26083
Ion Ratio Lower Upper
43 100
61 16.6 20.5 30.7
87 11.3 10.5 15.7

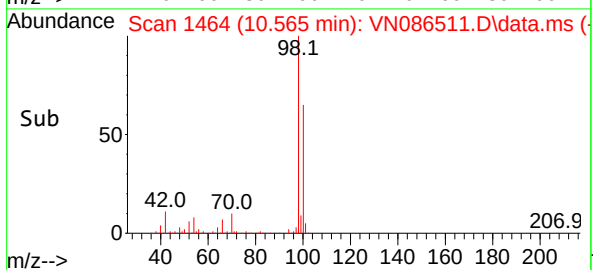
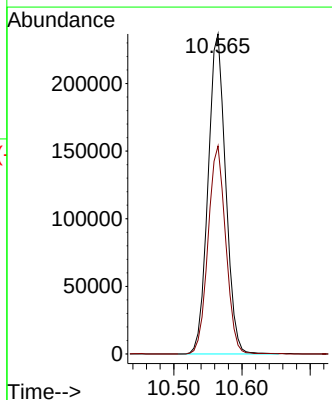
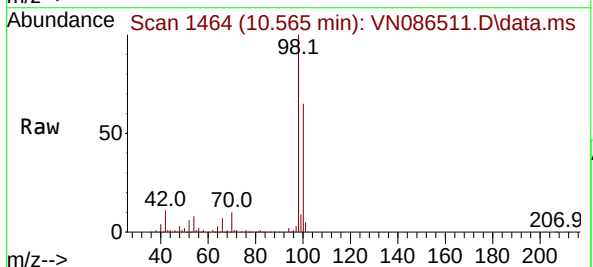
Manual Integrations
APPROVED

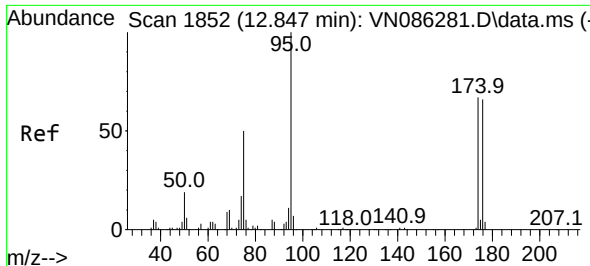
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#50
Toluene-d8
Concen: 51.309 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

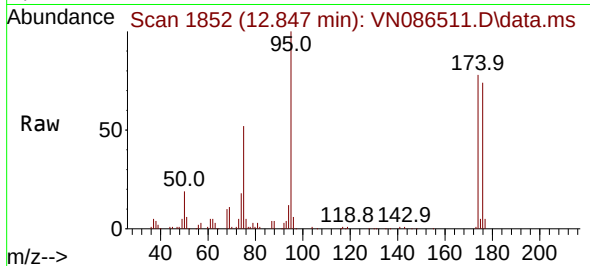
Tgt Ion: 98 Resp: 425599
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46

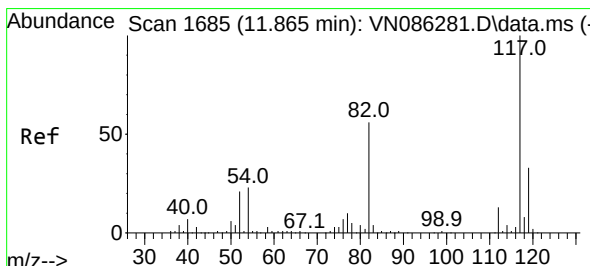
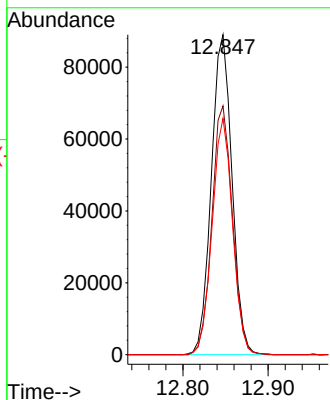
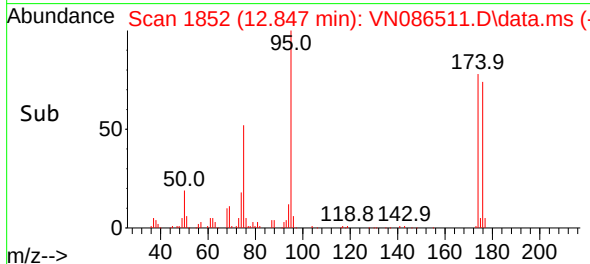
Instrument :
MSVOA_N
ClientSampleId :
MH-KK



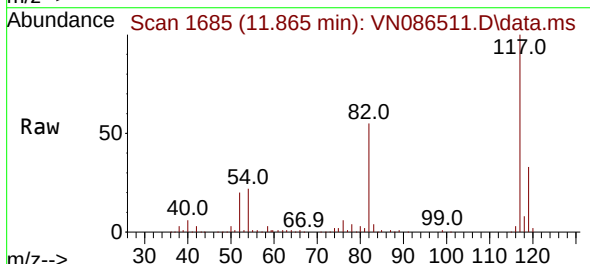
Tgt Ion: 95 Resp: 150069
Ion Ratio Lower Upper
95 100
174 77.3 0.0 133.4
176 72.9 0.0 129.2

Manual Integrations
APPROVED

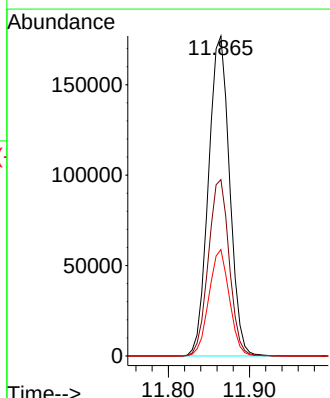
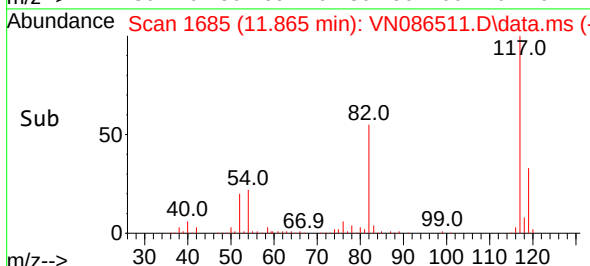
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

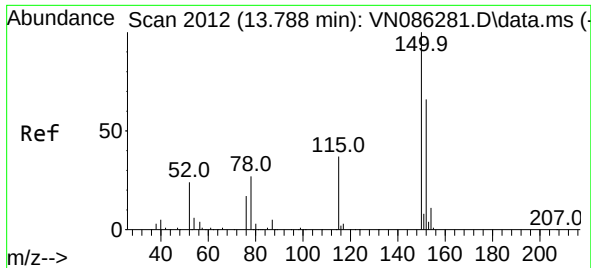


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086511.D
Acq: 06 May 2025 13:46



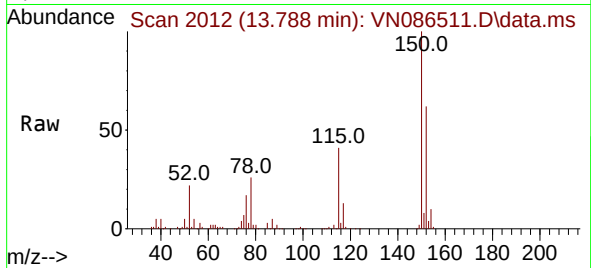
Tgt Ion:117 Resp: 320097
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 33.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086511.D
 Acq: 06 May 2025 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-KK



Tgt Ion:152 Resp: 13938
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.9 95.9
 150 157.6 0.0 352.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025

