

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086512.D
 Acq On : 06 May 2025 14:11
 Operator : JC\MD
 Sample : Q1956-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP1

Manual Integrations
 APPROVED

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

Quant Time: May 07 02:55:22 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	173251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119640	47.622	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.240%
35) Dibromofluoromethane	8.165	113	84652	56.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.480%
50) Toluene-d8	10.565	98	411132	51.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.847	95	150608	51.331	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.660%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	44053	46.062	ug/l	97
20) Methylene Chloride	5.277	84	7210	3.104	ug/l	84
43) Isopropyl Acetate	8.688	43	23631m	2.342	ug/l	

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

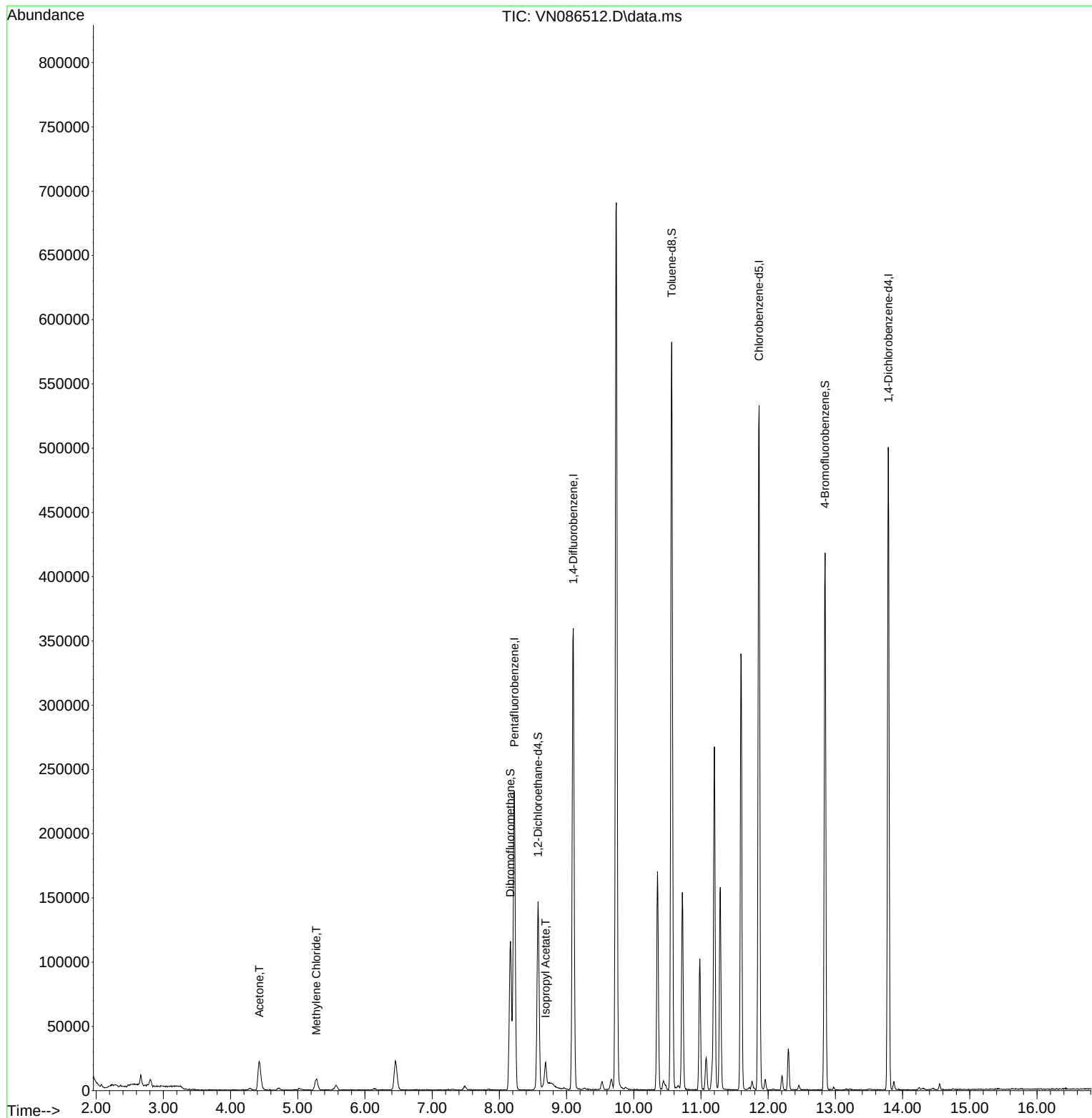
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
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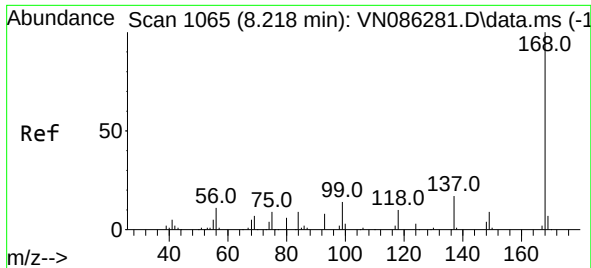
Instrument :
MSVOA_N
ClientSampleId :
COMP1

Quant Time: May 07 02:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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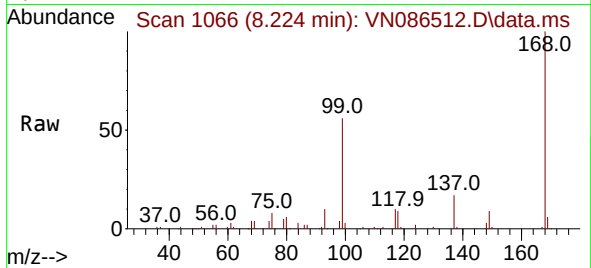
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

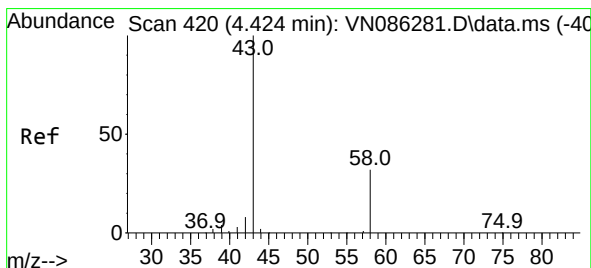
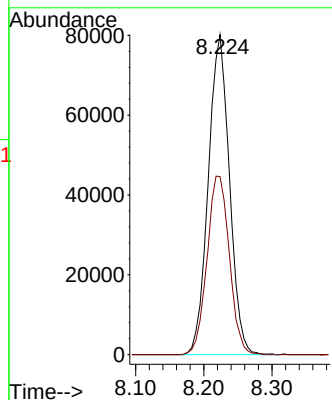
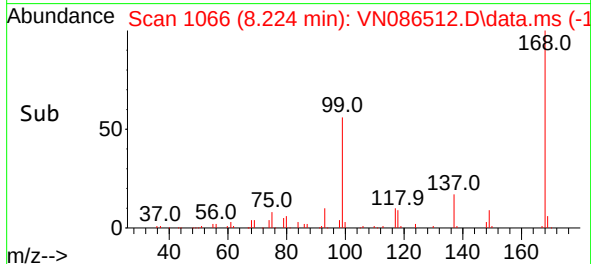
Instrument :
MSVOA_N
ClientSampleId :
COMP1



Tgt Ion:168 Resp: 17325
Ion Ratio Lower Upper
168 100
99 55.6 52.5 78.7

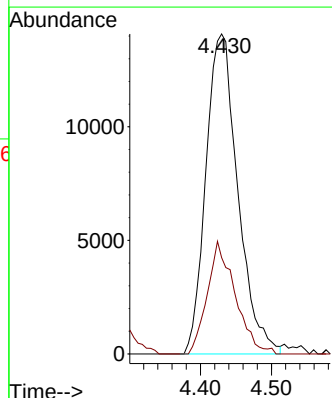
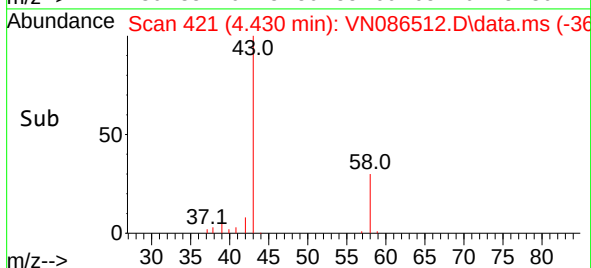
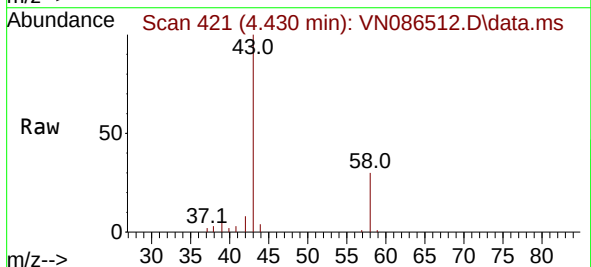
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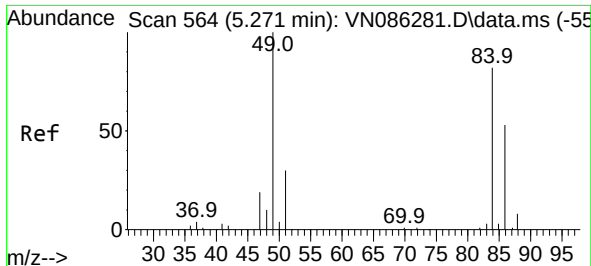
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#16
Acetone
Concen: 46.062 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

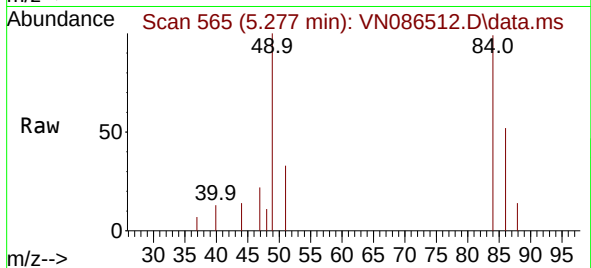
Tgt Ion: 43 Resp: 44053
Ion Ratio Lower Upper
43 100
58 30.1 25.3 37.9





#20
Methylene Chloride
Concen: 3.104 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

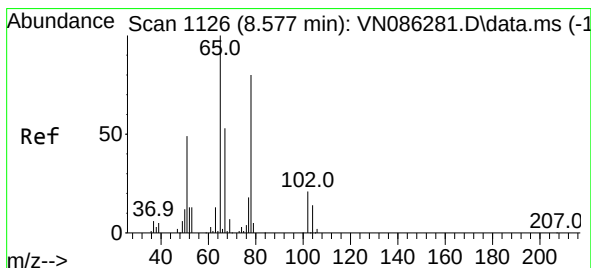
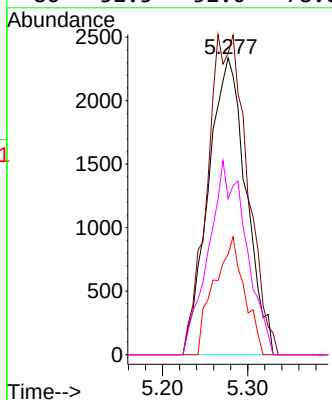
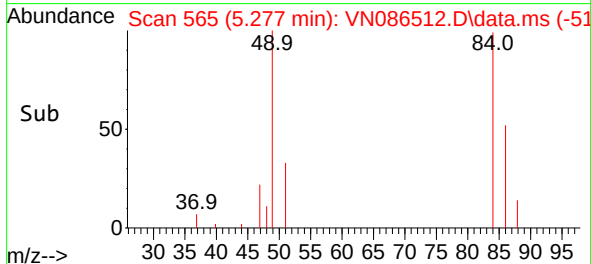
Instrument :
MSVOA_N
ClientSampleId :
COMP1



Tgt Ion: 84 Resp: 7210
Ion Ratio Lower Upper
84 100
49 101.5 98.2 147.2
51 33.8 29.8 44.6
86 52.5 52.0 78.0

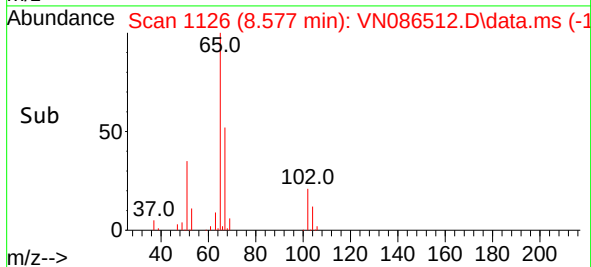
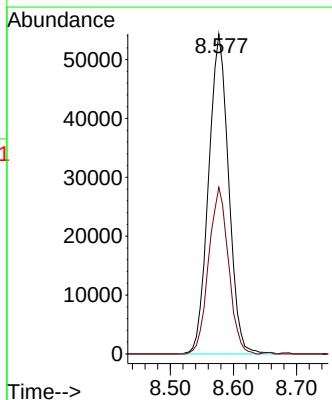
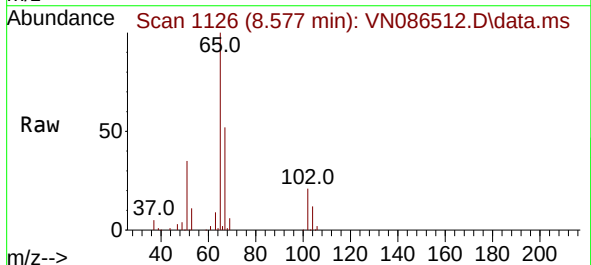
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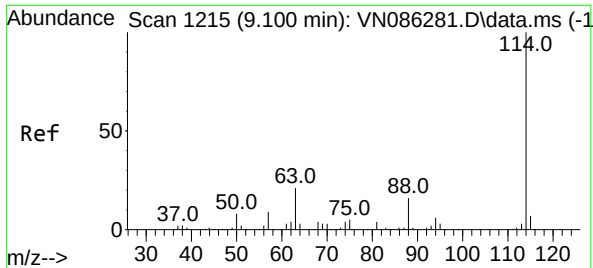
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#33
1,2-Dichloroethane-d4
Concen: 47.622 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 65 Resp: 119640
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0





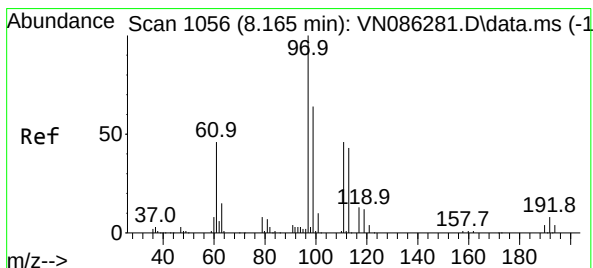
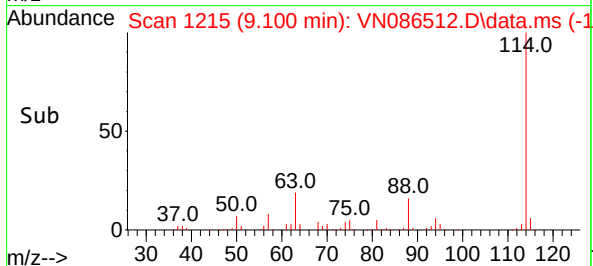
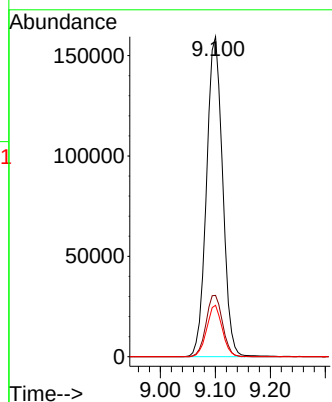
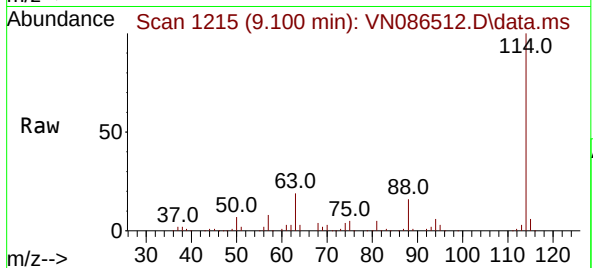
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
COMP1

Tgt Ion:114 Resp: 32430
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 16.1 0.0 31.8

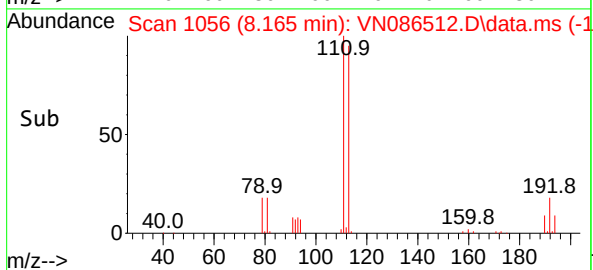
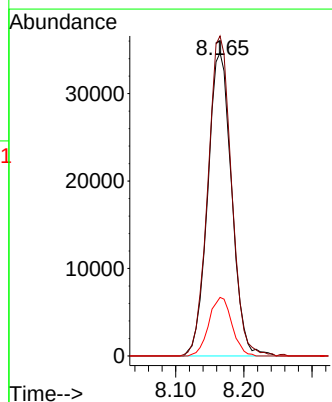
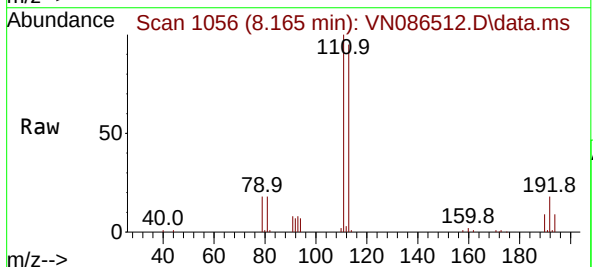
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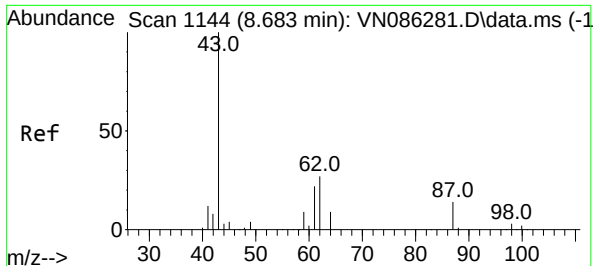
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#35
Dibromofluoromethane
Concen: 56.242 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

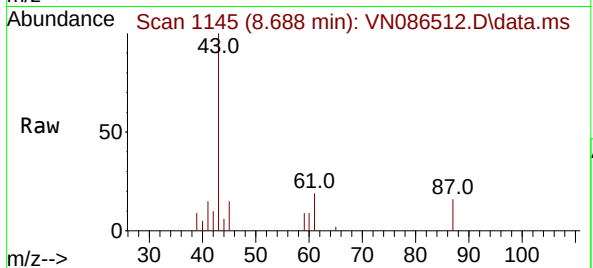
Tgt Ion:113 Resp: 84652
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.0
192 18.6 13.7 20.5





#43
Isopropyl Acetate
Concen: 2.342 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

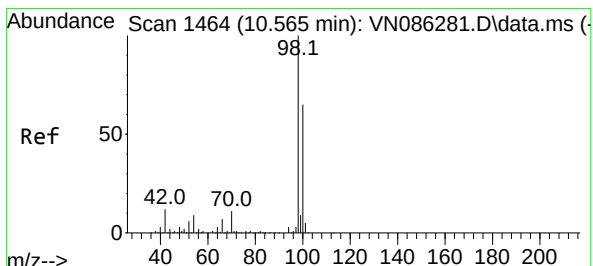
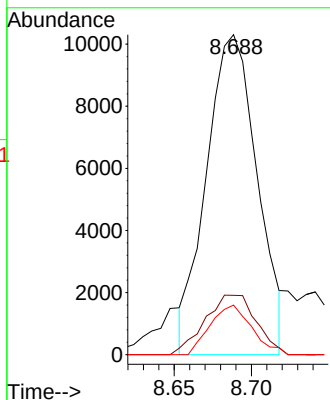
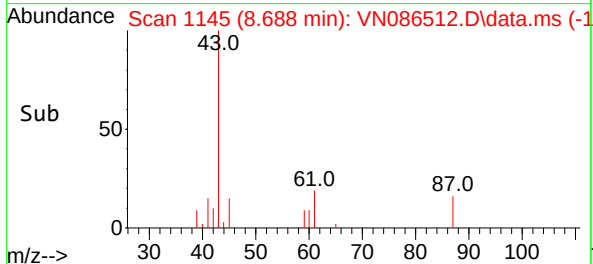
Instrument :
MSVOA_N
ClientSampleId :
COMP1



Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
61 18.8 20.5 30.7
87 12.7 10.5 15.7

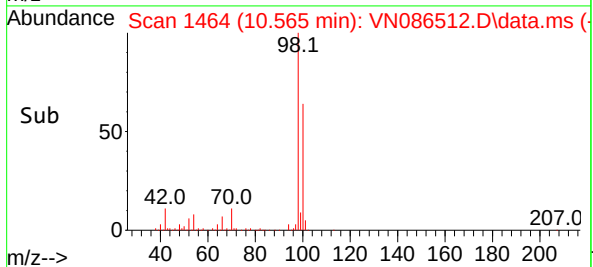
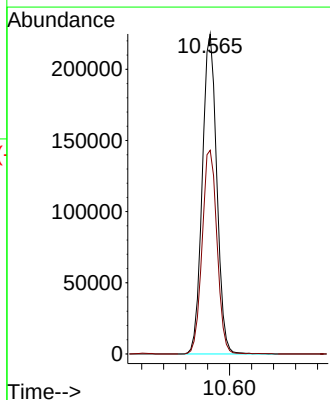
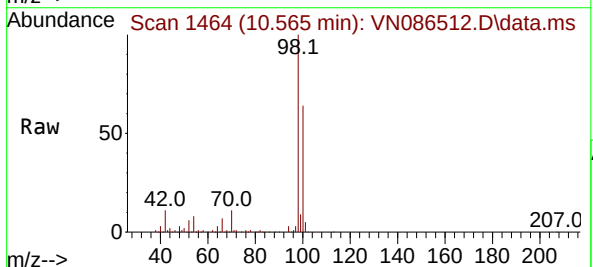
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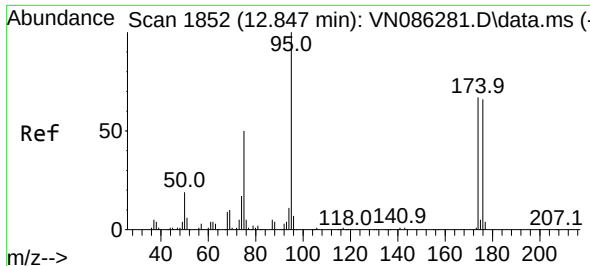
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#50
Toluene-d8
Concen: 51.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

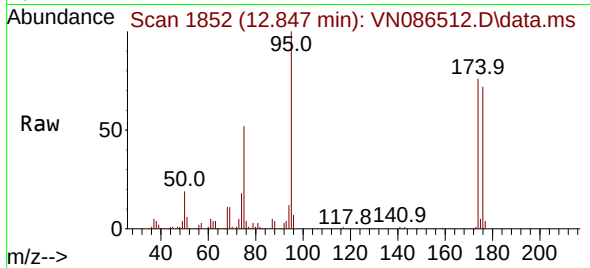
Tgt Ion: 98 Resp: 411132
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

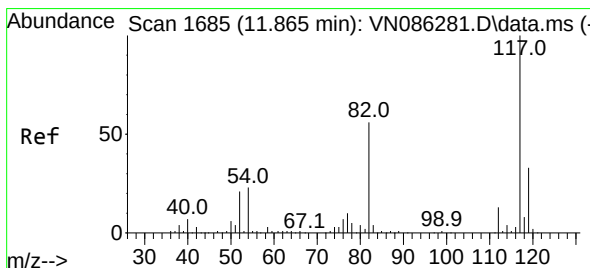
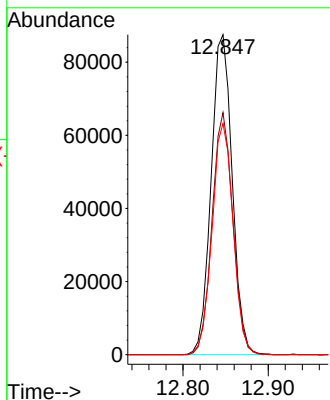
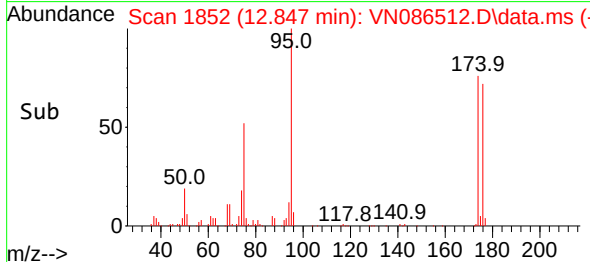
Instrument :
MSVOA_N
ClientSampleId :
COMP1



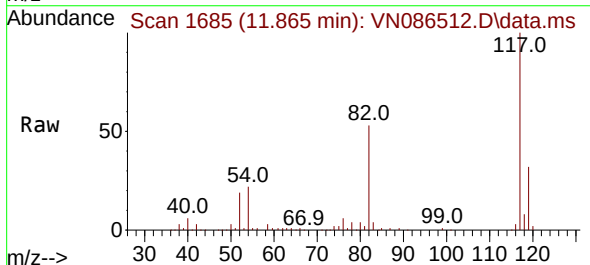
Tgt Ion: 95 Resp: 150608
Ion Ratio Lower Upper
95 100
174 74.7 0.0 133.4
176 72.0 0.0 129.2

Manual Integrations
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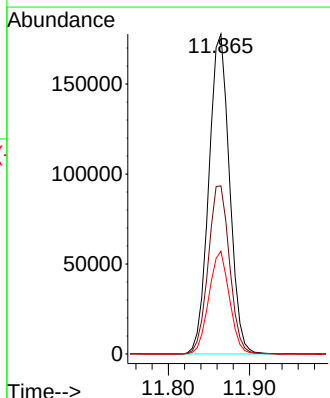
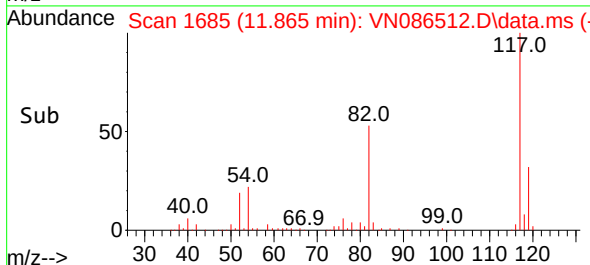
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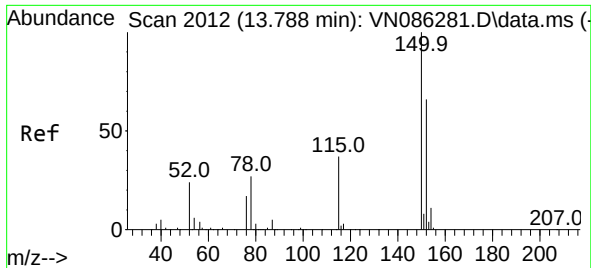


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11



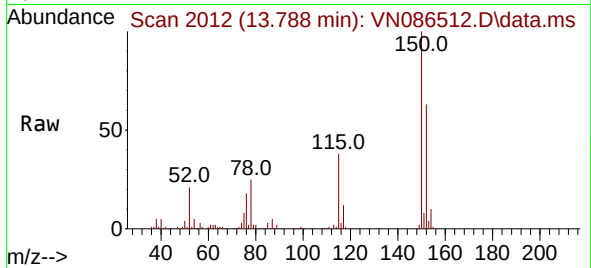
Tgt Ion:117 Resp: 314398
Ion Ratio Lower Upper
117 100
82 52.5 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086512.D
 Acq: 06 May 2025 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP1



Tgt Ion:152 Resp: 13809
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.9 95.9
 150 157.1 0.0 352.0

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