

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085572.D
 Acq On : 29 Jan 2025 21:07
 Operator : JC\MD
 Sample : PB166319ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#09

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:43:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	152993	58.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.400%			
35) Dibromofluoromethane	8.165	113	115683	50.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	10.565	98	422580	51.786	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.847	95	121702	43.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.200%			
Target Compounds						
16) Acetone	4.430	43	67060	79.635	ug/l	99
25) 2-Butanone	7.488	43	7343	5.925	ug/l	95
43) Isopropyl Acetate	8.688	43	227203m	43.581	ug/l	

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

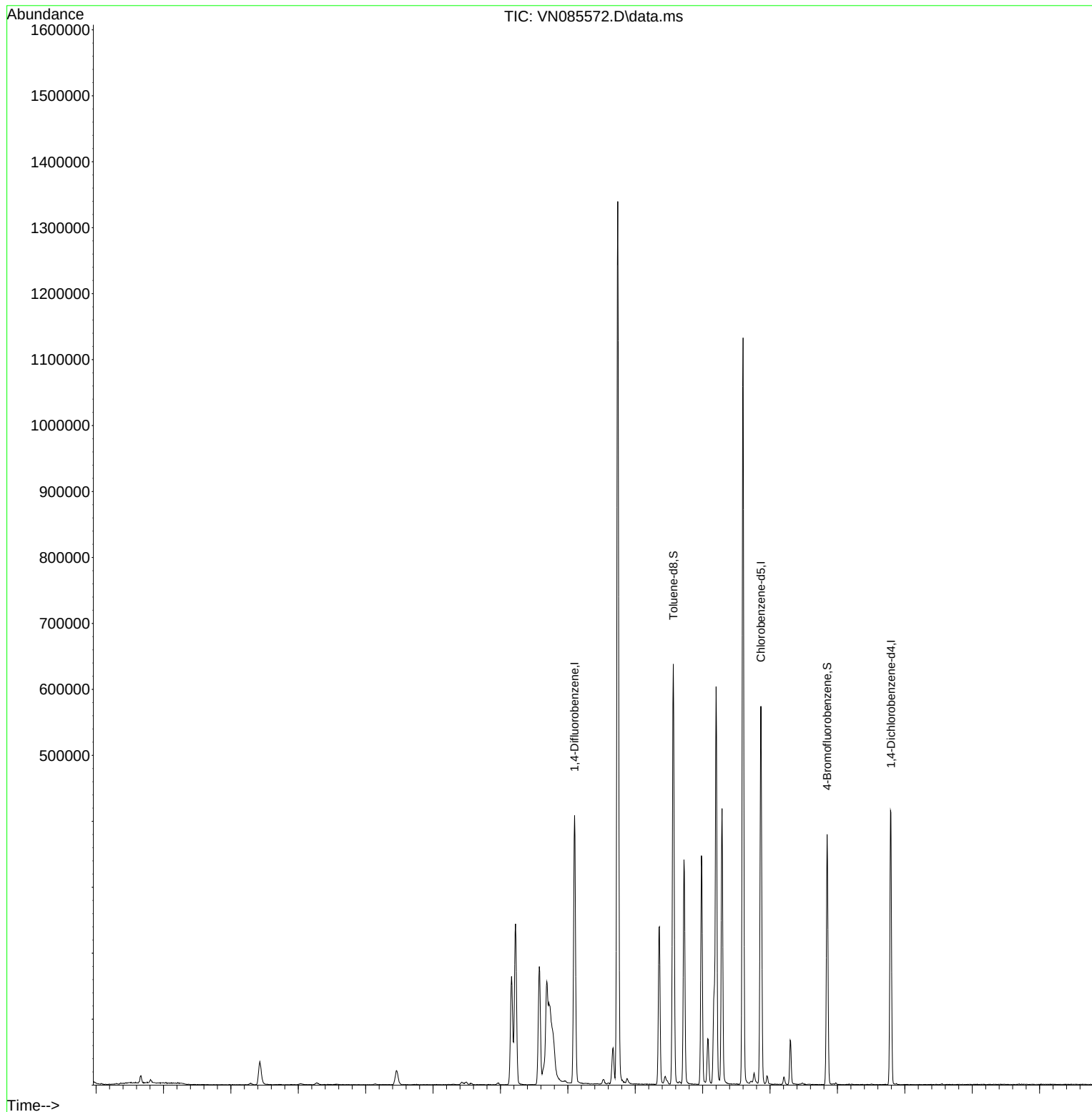
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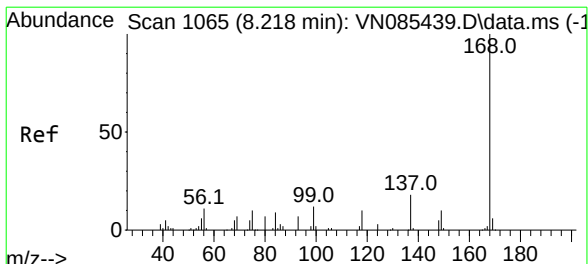
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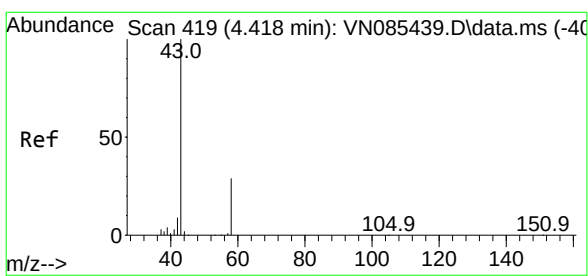
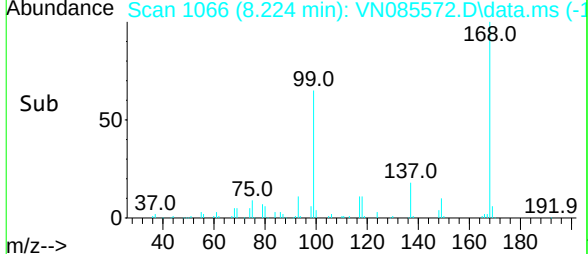
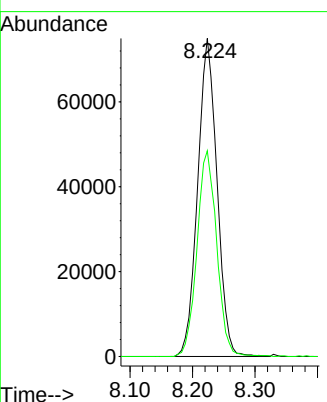
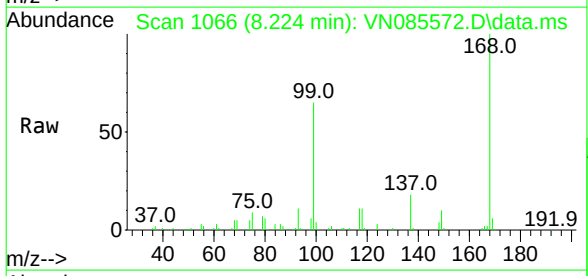
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085572.D
 Acq: 29 Jan 2025 21:07

Instrument : MSVOA_N
 ClientSampleId : PB166319ZHE#09

Tgt Ion: 168 Resp: 161456

Ion	Ratio	Lower	Upper
168	100		
99	64.7	53.6	80.4

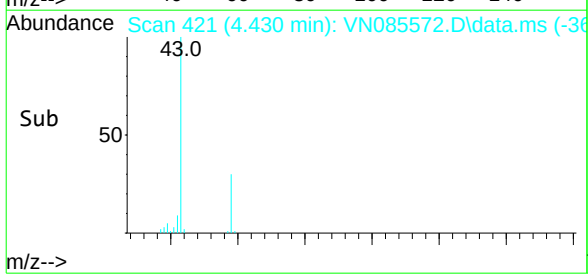
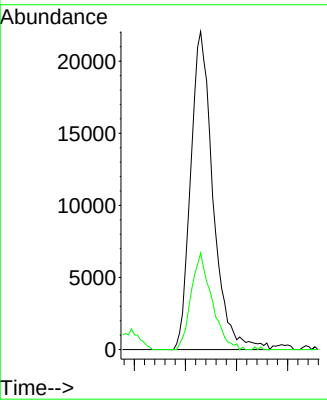
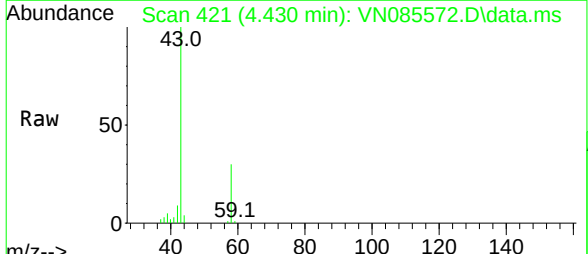
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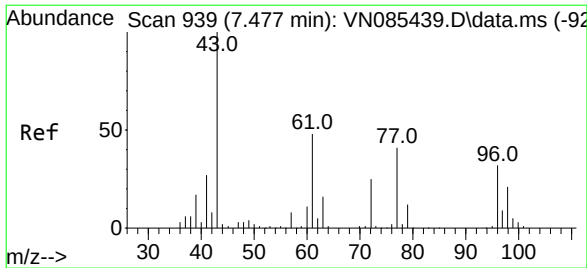


#16
 Acetone
 Concen: 79.635 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.012 min
 Lab File: VN085572.D
 Acq: 29 Jan 2025 21:07

Tgt Ion: 43 Resp: 67060

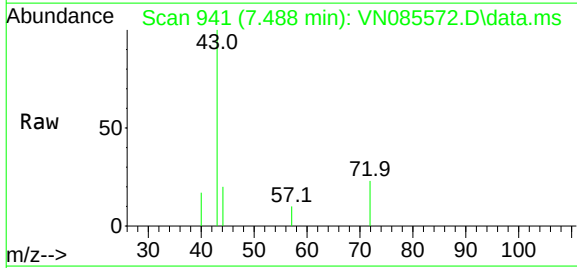
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.6





#25
2-Butanone
Concen: 5.925 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

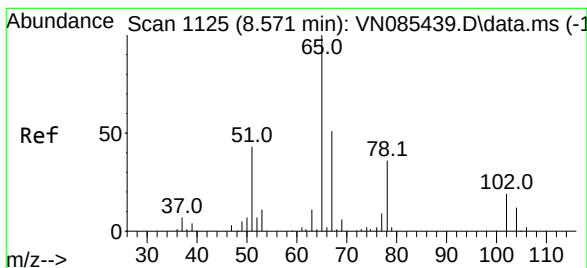
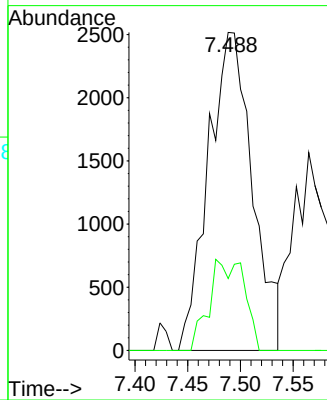
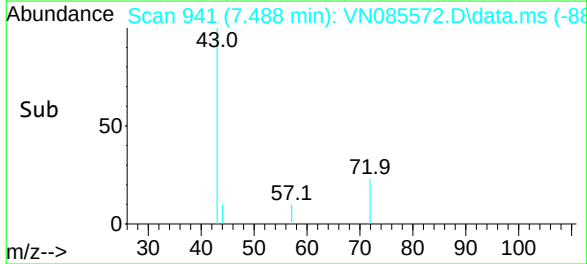
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#09



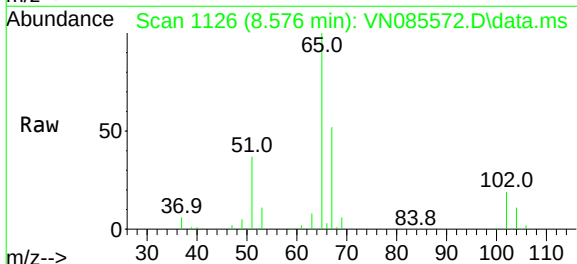
Tgt Ion: 43 Resp: 7343
Ion Ratio Lower Upper
43 100
72 22.6 20.2 30.4

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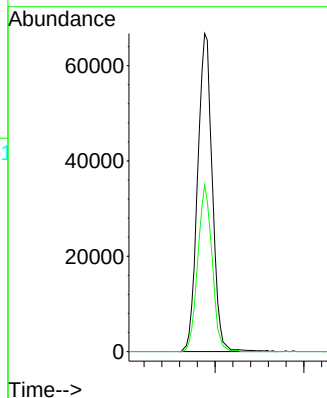
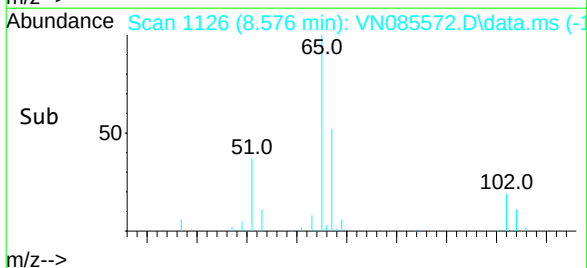
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

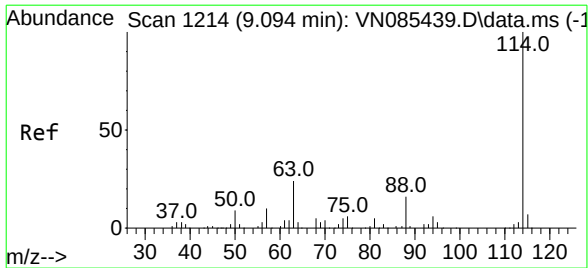


#33
1,2-Dichloroethane-d4
Concen: 58.703 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07



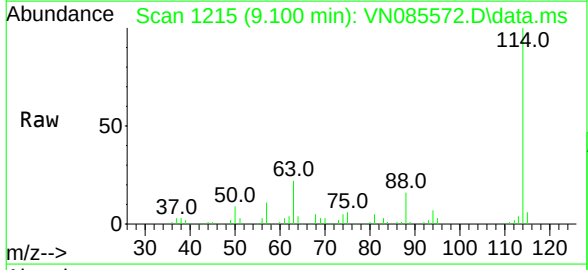
Tgt Ion: 65 Resp: 152993
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

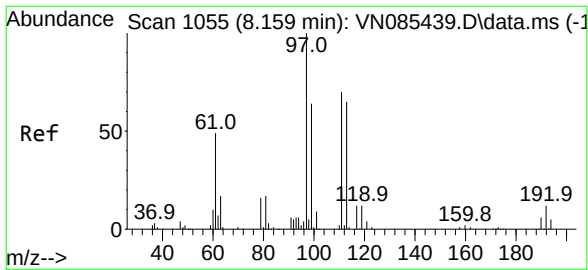
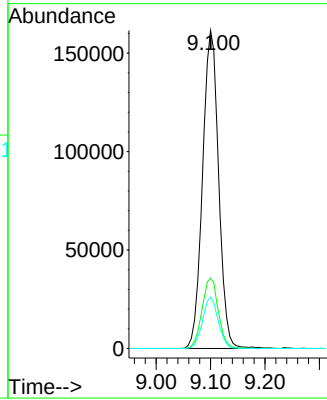
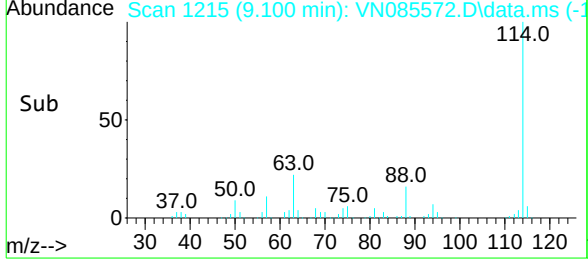
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#09



Tgt Ion:114 Resp: 331056
Ion Ratio Lower Upper
114 100
63 22.1 0.0 47.6
88 16.1 0.0 32.6

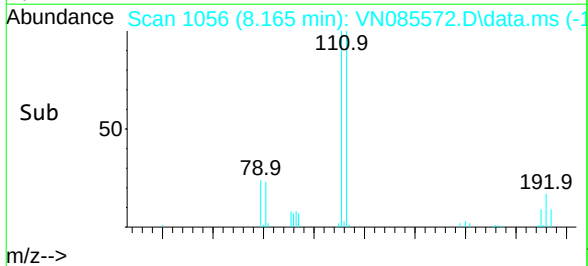
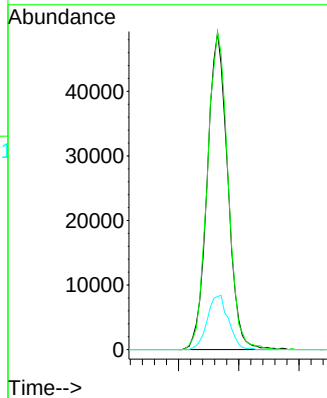
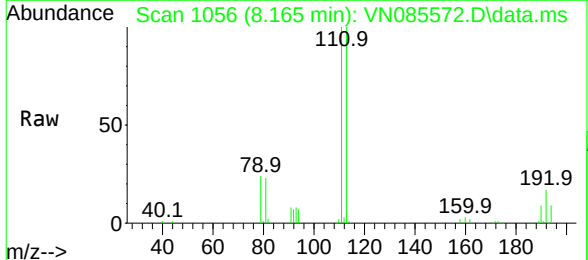
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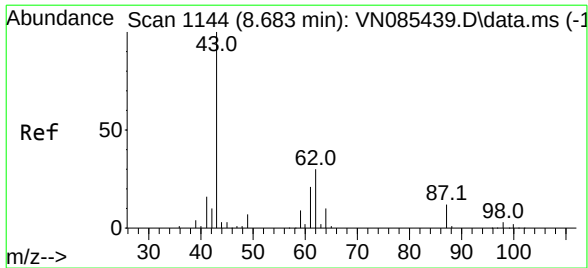
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#35
Dibromofluoromethane
Concen: 50.369 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

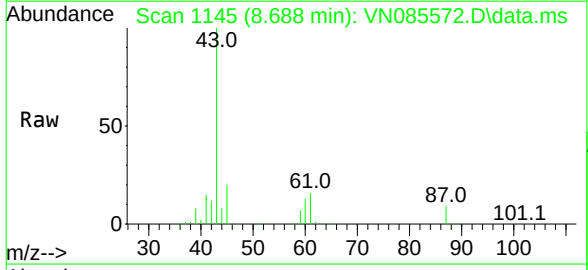
Tgt Ion:113 Resp: 115683
Ion Ratio Lower Upper
113 100
111 101.4 82.7 124.1
192 17.6 14.3 21.5





#43
Isopropyl Acetate
Concen: 43.581 ug/l m
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

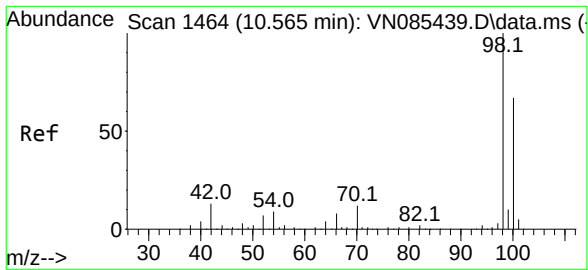
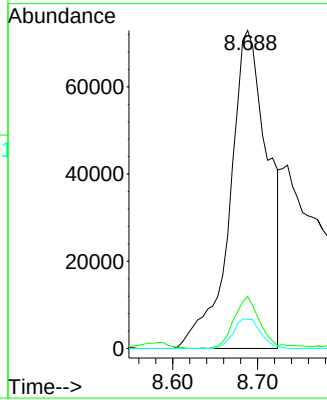
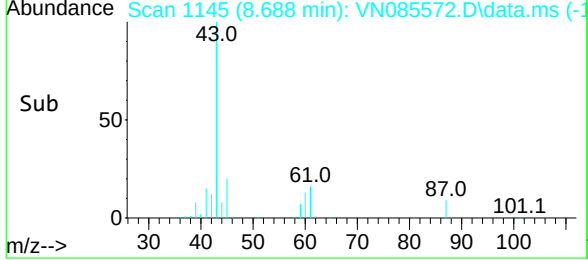
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#09



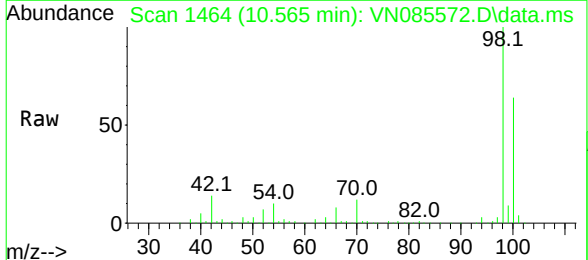
Tgt Ion: 43 Resp: 227203
Ion Ratio Lower Upper
43 100
61 11.6 20.7 31.1#
87 6.7 9.8 14.8#

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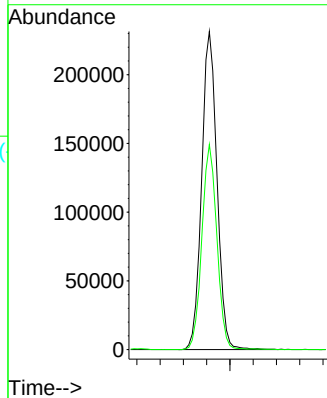
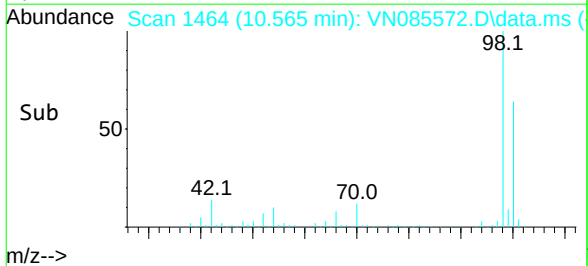
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

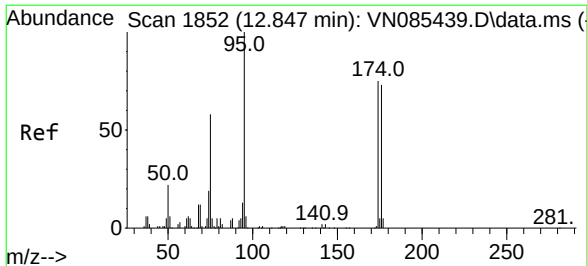


#50
Toluene-d8
Concen: 51.786 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07



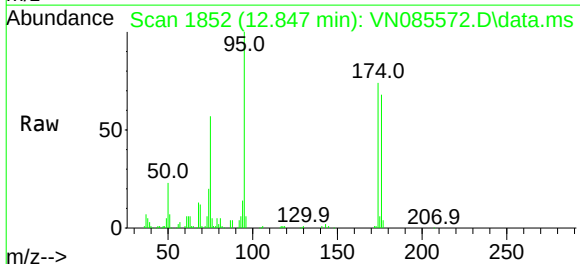
Tgt Ion: 98 Resp: 422580
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 43.599 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

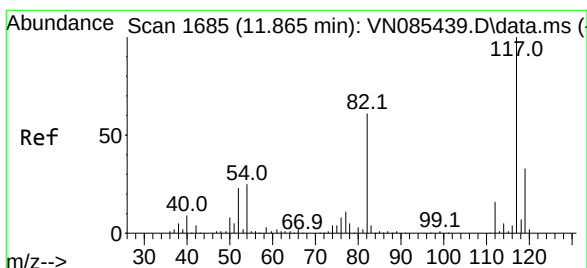
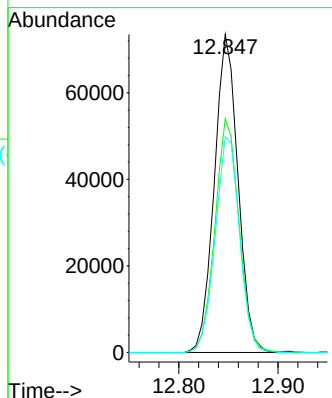
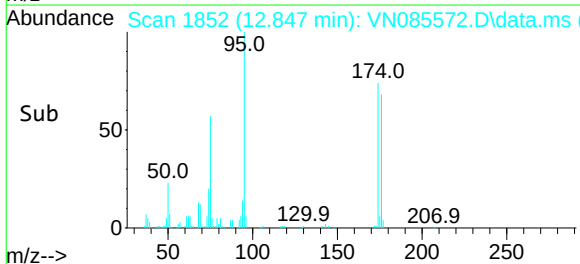
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#09



Tgt Ion: 95 Resp: 121702
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.0
176 70.1 0.0 142.4

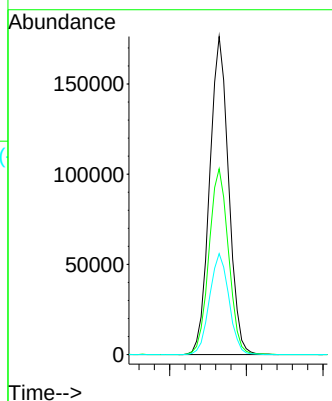
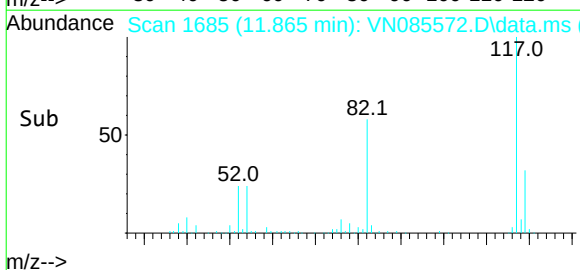
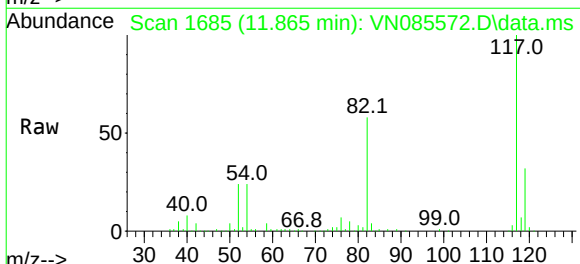
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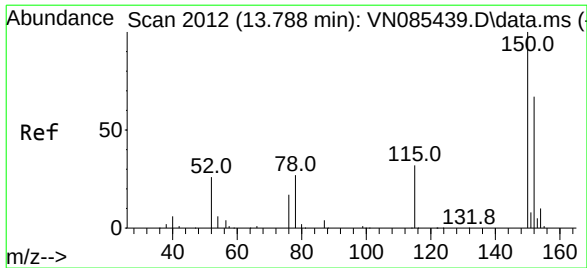
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

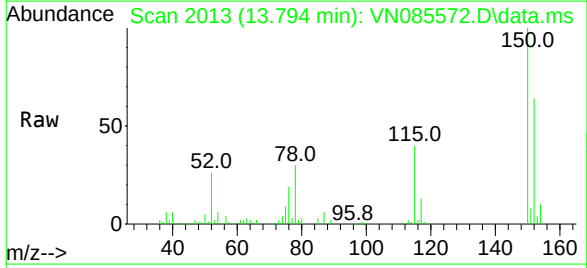
Tgt Ion:117 Resp: 303456
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 31.7 26.6 39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085572.D
Acq: 29 Jan 2025 21:07

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#09



Tgt Ion:152 Resp: 109015
Ion Ratio Lower Upper
152 100
115 63.1 31.1 93.3
150 156.9 0.0 343.6

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