

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085567.D
 Acq On : 29 Jan 2025 19:06
 Operator : JC\MD
 Sample : PB166319ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#04

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 00:41:03 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	162087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150433	57.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.000%			
35) Dibromofluoromethane	8.165	113	114556	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.565	98	423687	52.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.847	95	124749	45.553	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.100%			
Target Compounds						
16) Acetone	4.436	43	70629	83.546	ug/l	98
25) 2-Butanone	7.483	43	6862	5.516	ug/l	97
43) Isopropyl Acetate	8.688	43	180283m	35.249	ug/l	

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

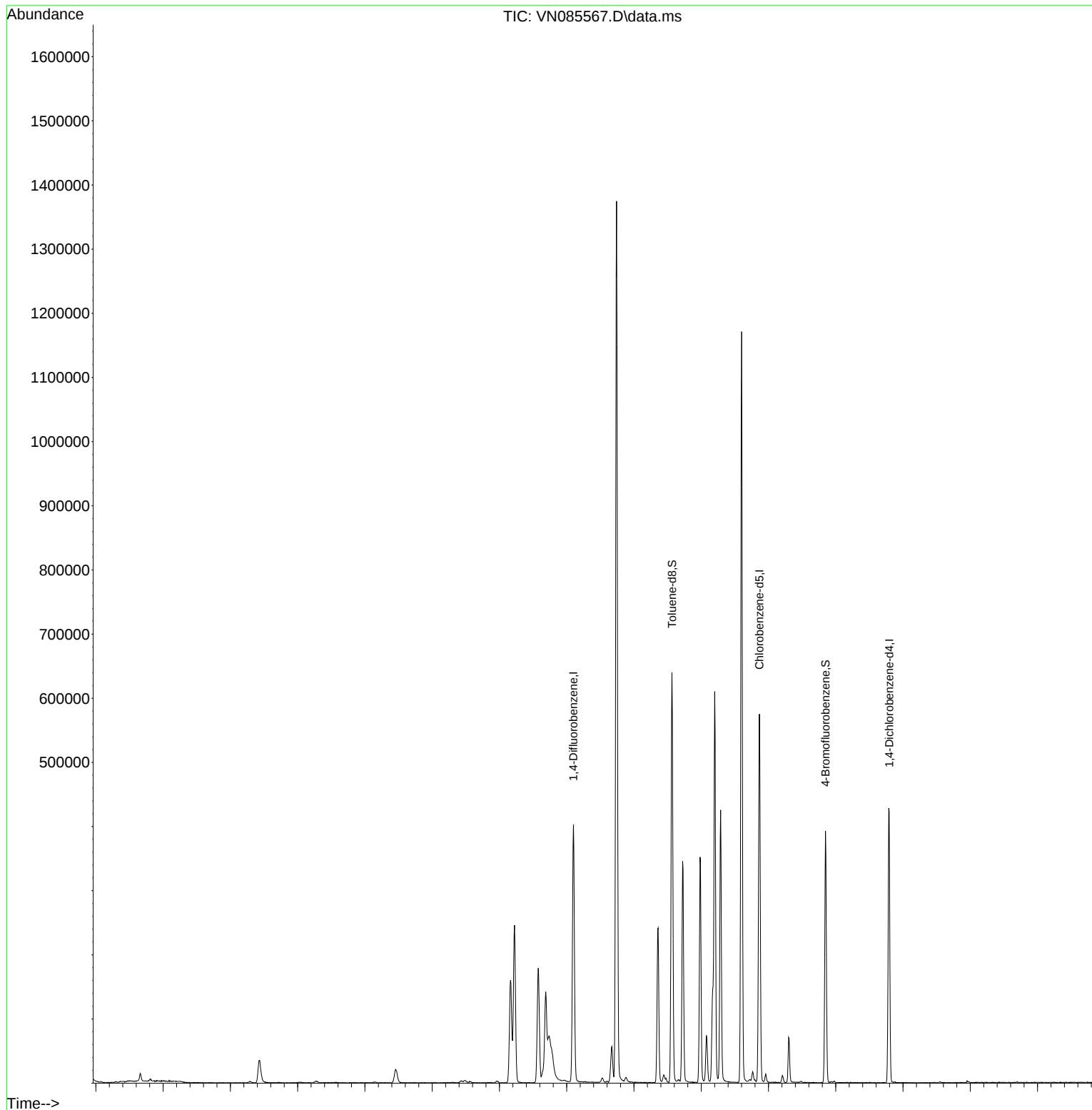
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085567.D
Acq On : 29 Jan 2025 19:06
Operator : JC\MD
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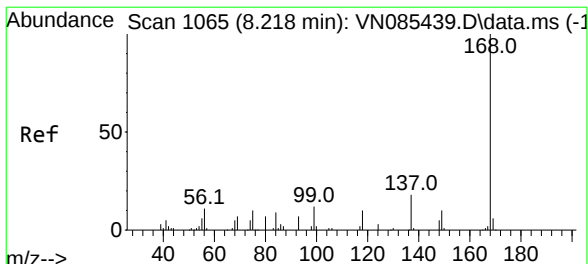
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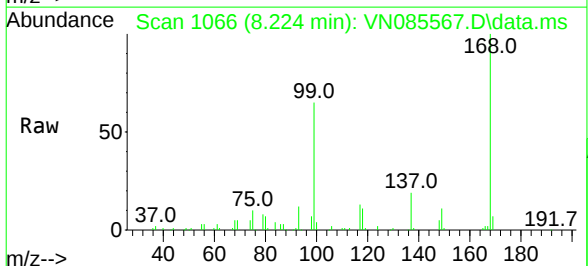
Quant Time: Jan 30 00:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

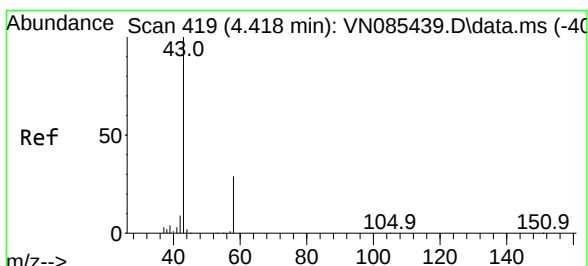
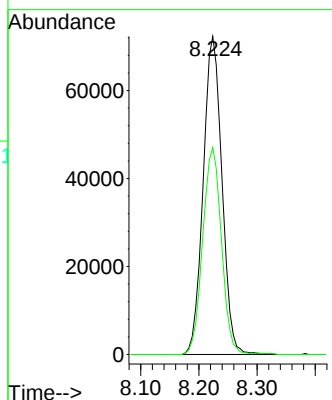
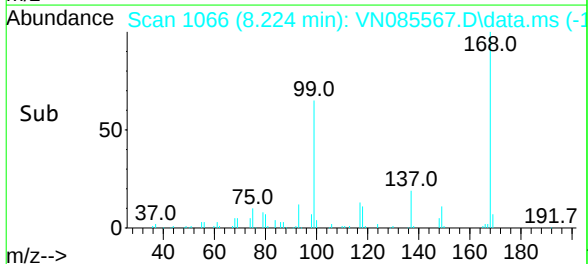
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#04



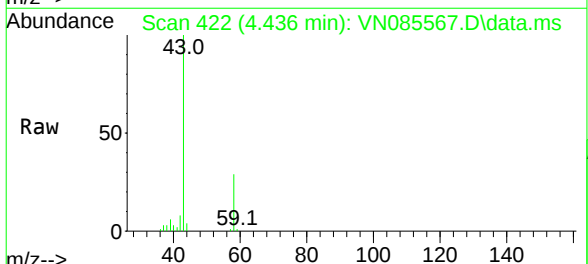
Tgt Ion: 168 Resp: 162087
Ion Ratio Lower Upper
168 100
99 65.1 53.6 80.4

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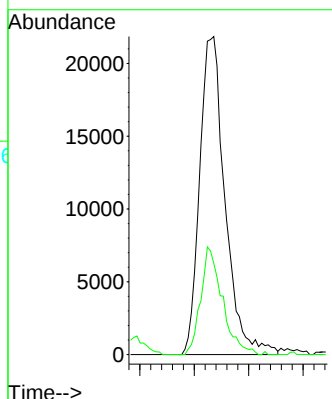
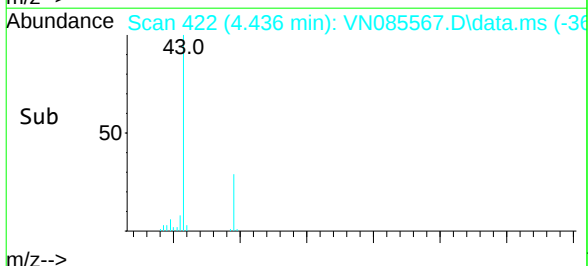
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

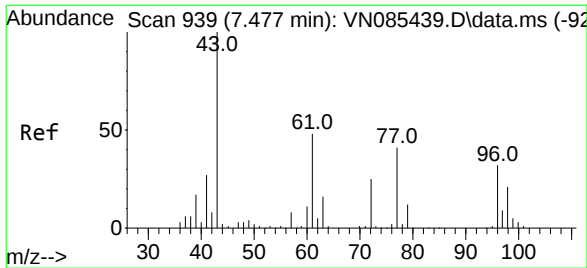


#16
Acetone
Concen: 83.546 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06



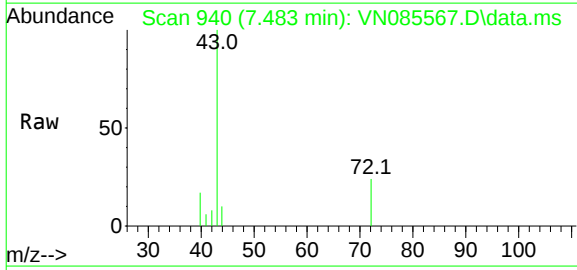
Tgt Ion: 43 Resp: 70629
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6





#25
2-Butanone
Concen: 5.516 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

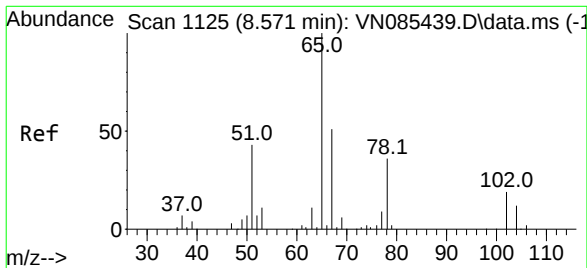
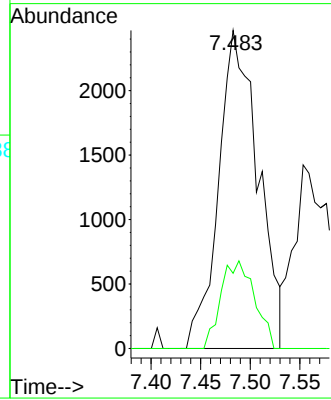
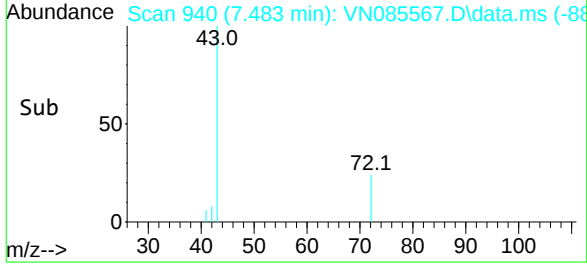
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#04



Tgt Ion: 43 Resp: 6862
Ion Ratio Lower Upper
43 100
72 23.6 20.2 30.4

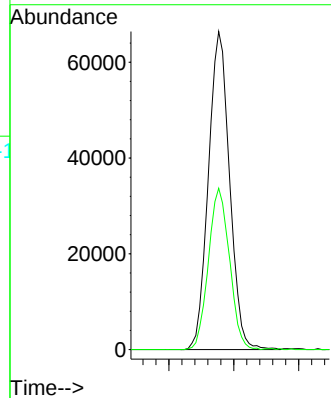
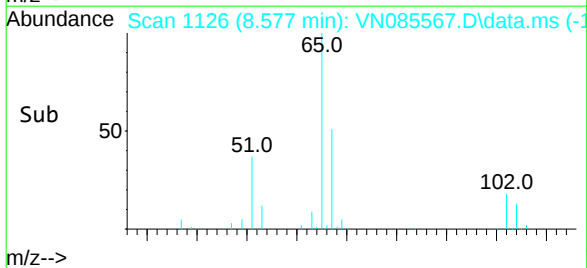
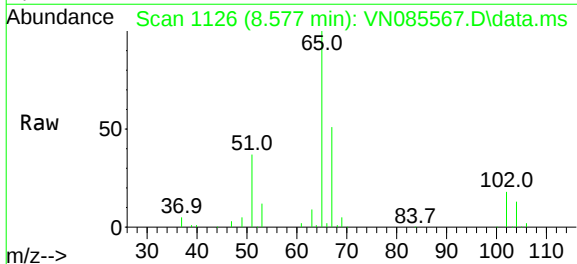
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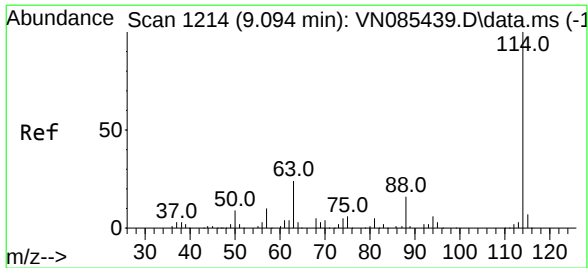
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#33
1,2-Dichloroethane-d4
Concen: 57.496 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

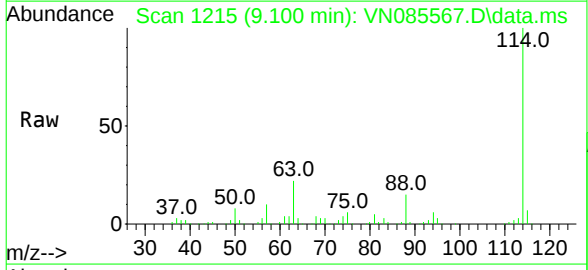
Tgt Ion: 65 Resp: 150433
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085567.D
 Acq: 29 Jan 2025 19:06

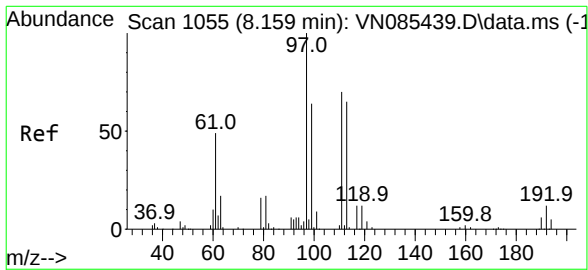
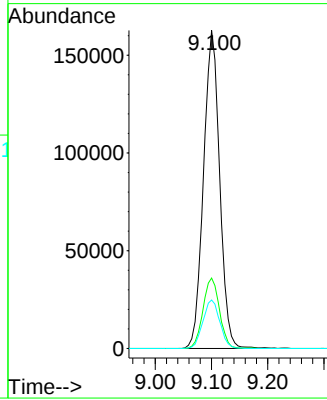
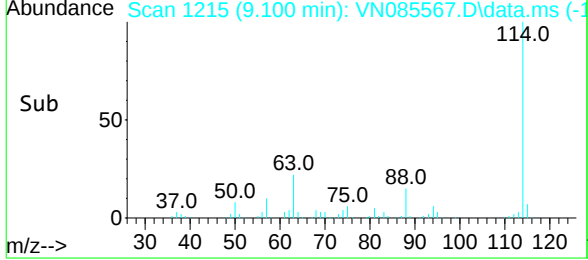
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#04



Tgt Ion:	114	Resp:	324788
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	47.6
88	15.2	0.0	32.6

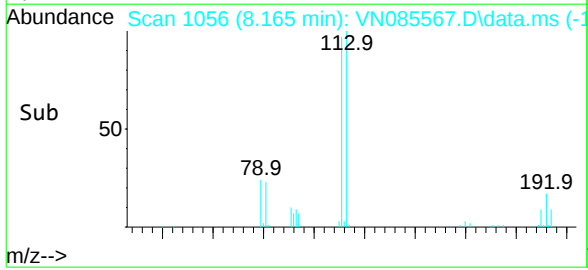
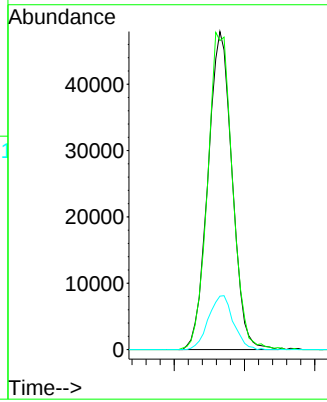
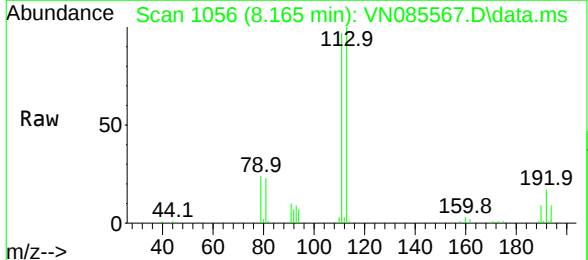
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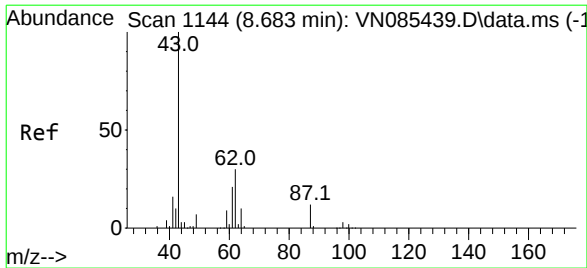
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#35
 Dibromofluoromethane
 Concen: 50.841 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085567.D
 Acq: 29 Jan 2025 19:06

Tgt Ion:	113	Resp:	114556
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	17.4	14.3	21.5





#43

Isopropyl Acetate

Concen: 35.249 ug/l m

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085567.D

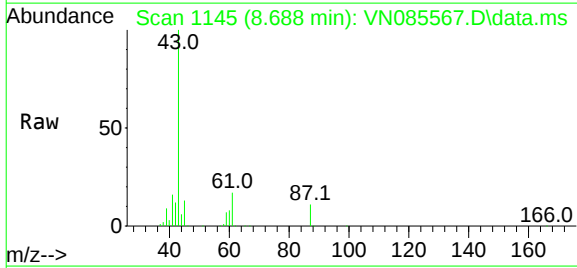
Acq: 29 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#04



Tgt Ion: 43 Resp: 180283

Ion Ratio Lower Upper

43 100

61 13.7 20.7 31.1#

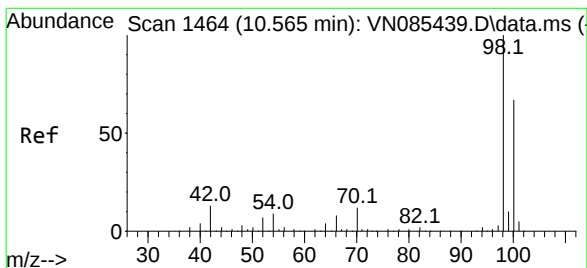
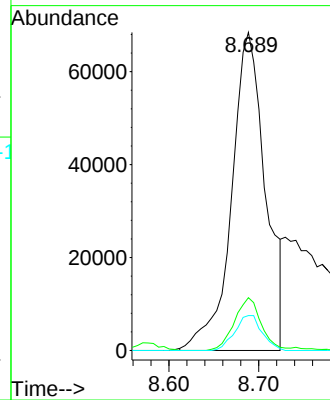
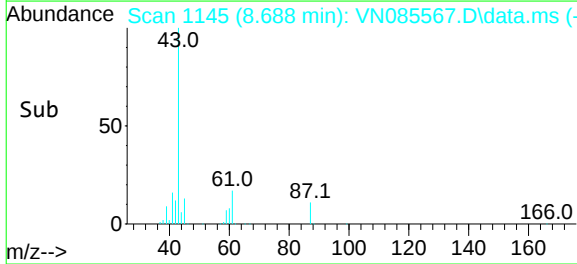
87 8.8 9.8 14.8#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#50

Toluene-d8

Concen: 52.923 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085567.D

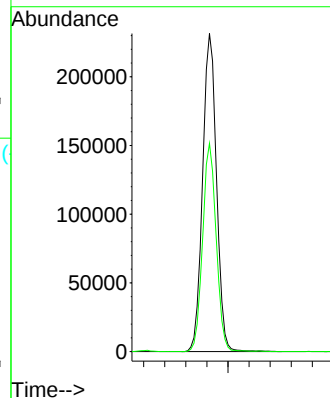
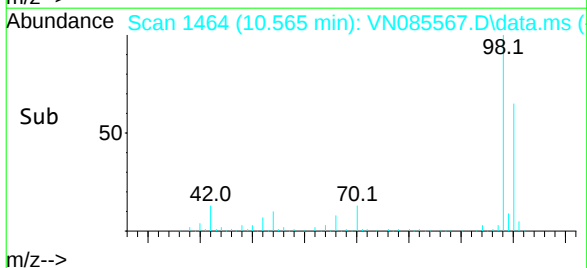
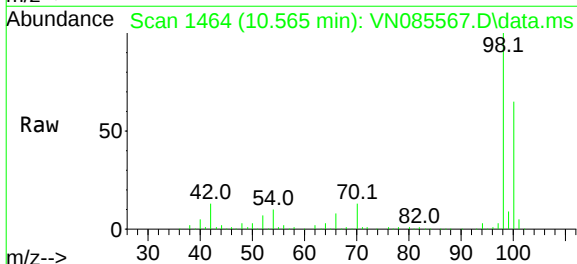
Acq: 29 Jan 2025 19:06

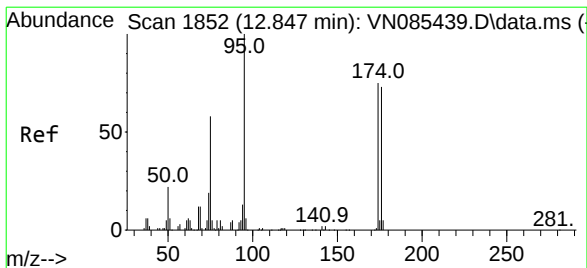
Tgt Ion: 98 Resp: 423687

Ion Ratio Lower Upper

98 100

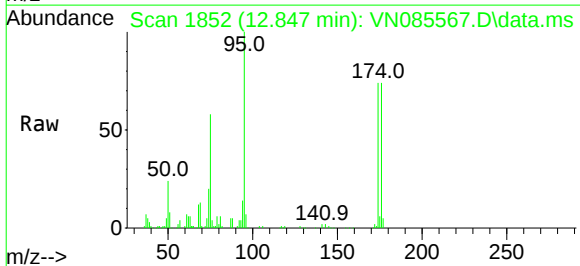
100 64.0 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 45.553 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

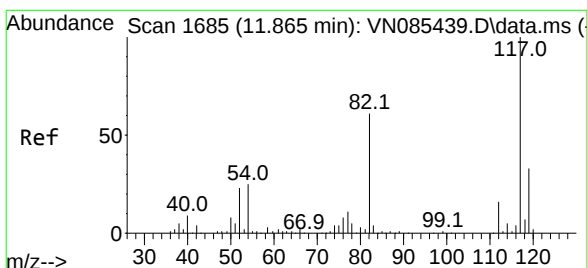
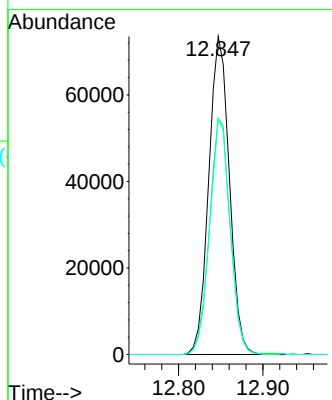
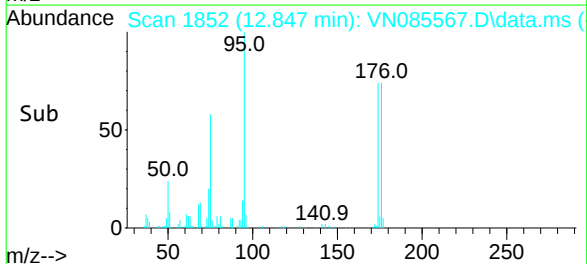
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#04



Tgt Ion: 95 Resp: 124749
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.0
176 73.2 0.0 142.4

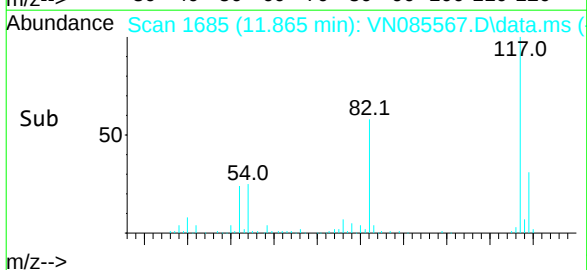
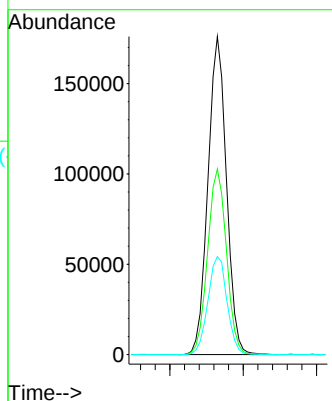
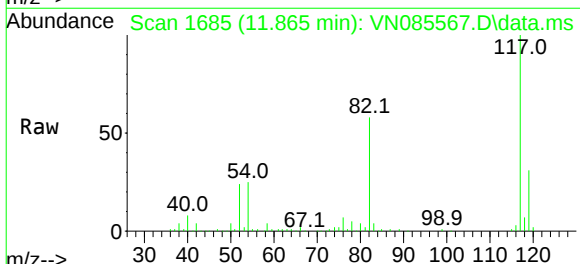
Manual Integrations
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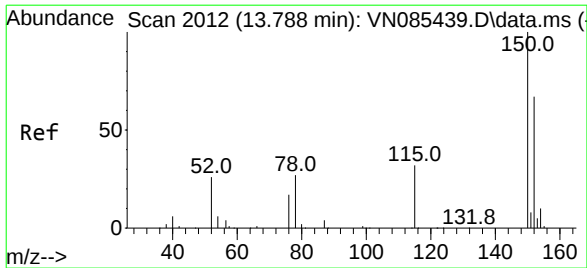
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

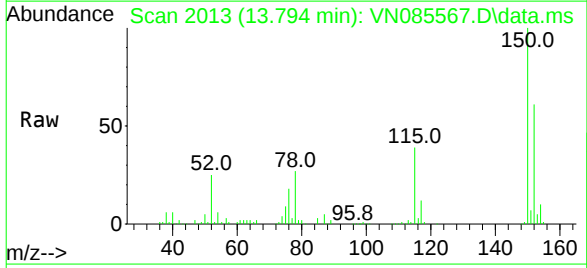
Tgt Ion:117 Resp: 308597
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 30.8 26.6 39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085567.D
Acq: 29 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#04



Tgt Ion:152 Resp: 110825
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 159.5 0.0 343.6

Manual Integrations
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