

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086439.D
 Acq On : 30 Apr 2025 16:16
 Operator : JC\MD
 Sample : PB167775ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#09

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:35:37 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	162879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	113818	48.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.380%			
35) Dibromofluoromethane	8.165	113	73328	50.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	10.565	98	405841	52.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.200%			
62) 4-Bromofluorobenzene	12.847	95	145228	51.600	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.200%			
Target Compounds						
11) Tert butyl alcohol	5.524	59	7834	18.179	ug/l	98
16) Acetone	4.430	43	38100	41.906	ug/l	98
20) Methylene Chloride	5.277	84	8708	3.988	ug/l	94
25) 2-Butanone	7.482	43	36726	24.981	ug/l	100
43) Isopropyl Acetate	8.682	43	40275m	5.627	ug/l	

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

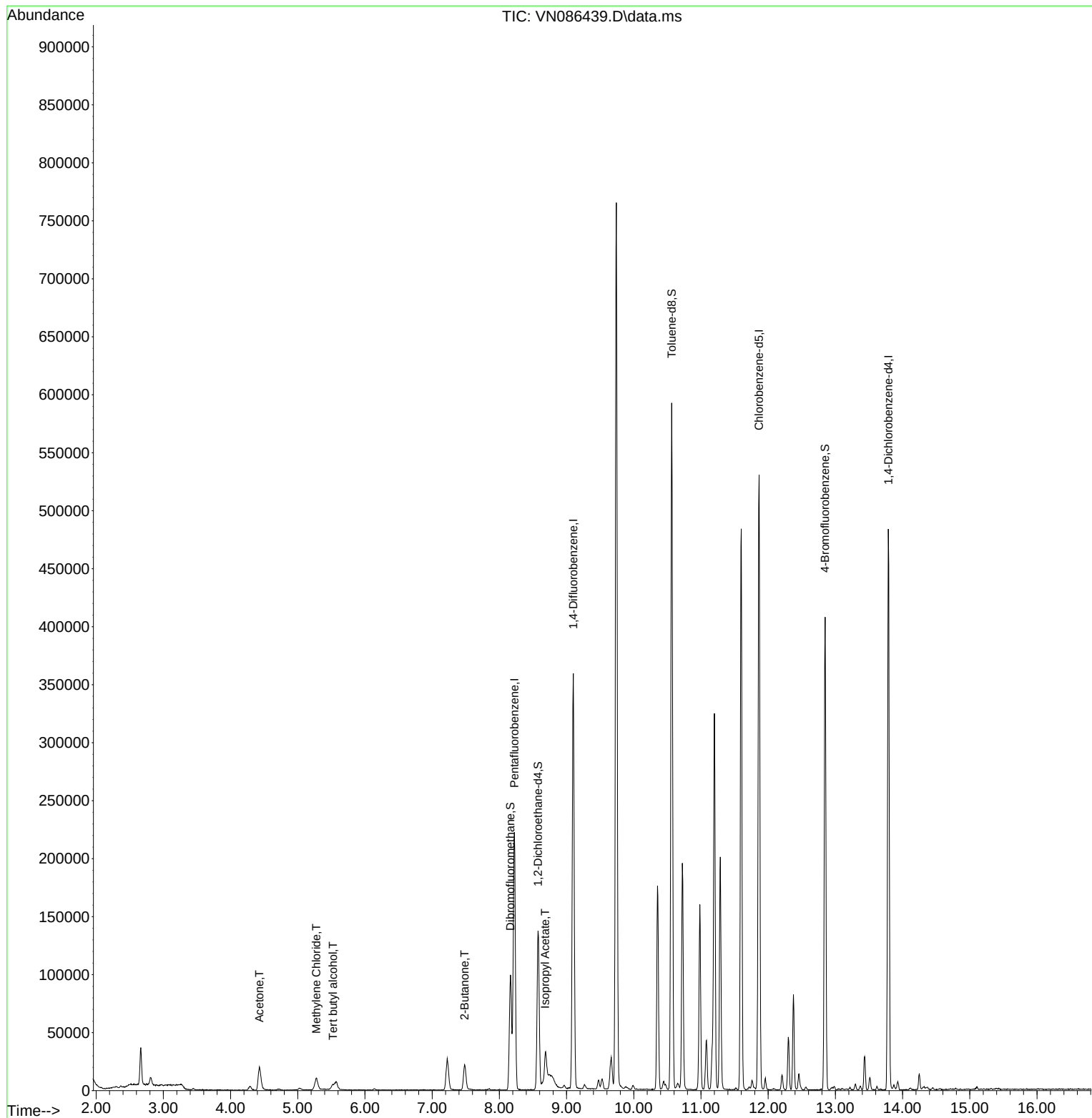
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086439.D
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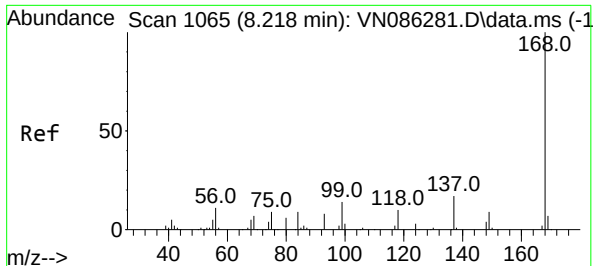
Instrument :
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ClientSampleId :
PB167775ZHE#09

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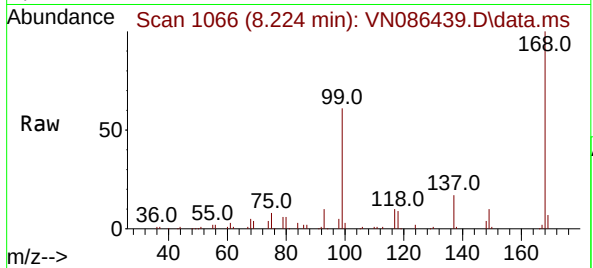
Quant Time: May 01 01:35:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

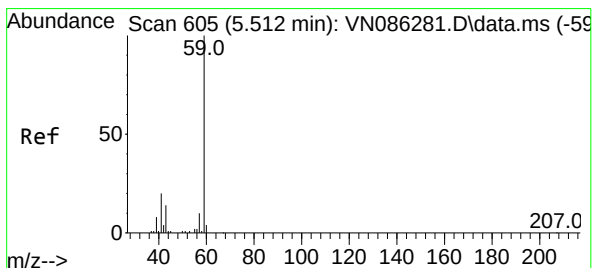
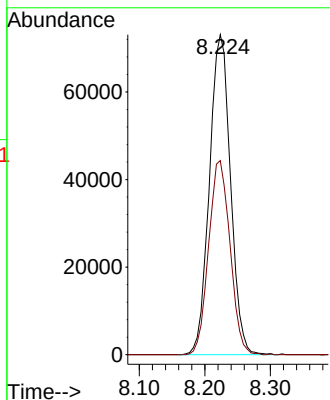
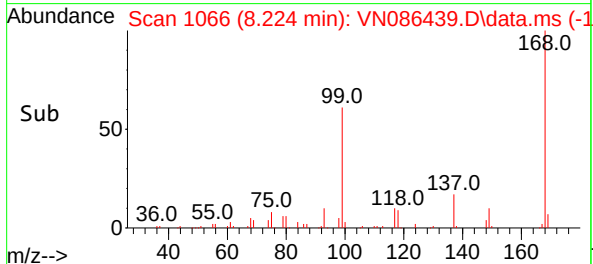
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#09



Tgt Ion:168 Resp: 162879
Ion Ratio Lower Upper
168 100
99 60.6 52.5 78.7

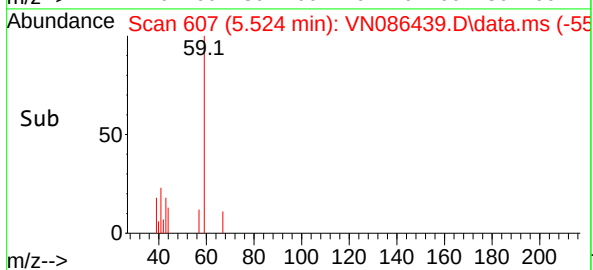
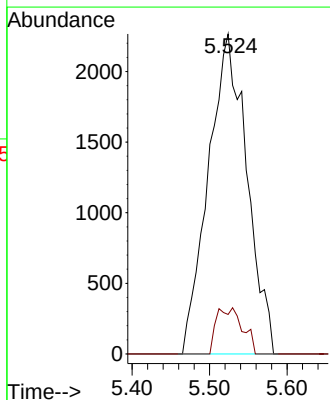
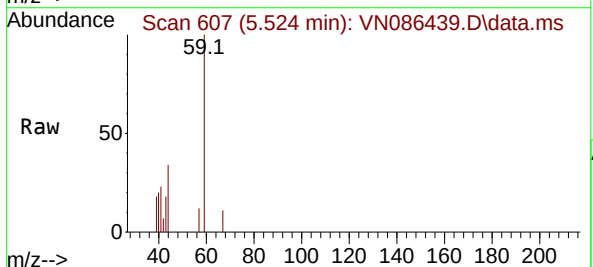
Manual Integrations
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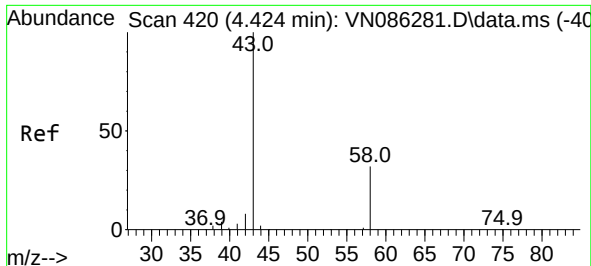
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 18.179 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

Tgt Ion: 59 Resp: 7834
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5





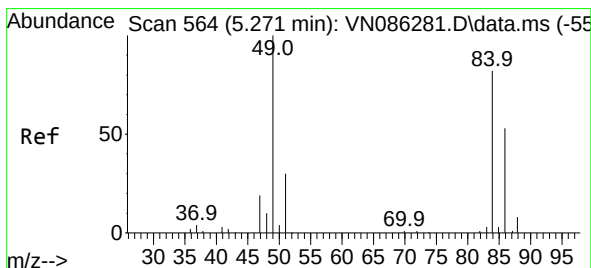
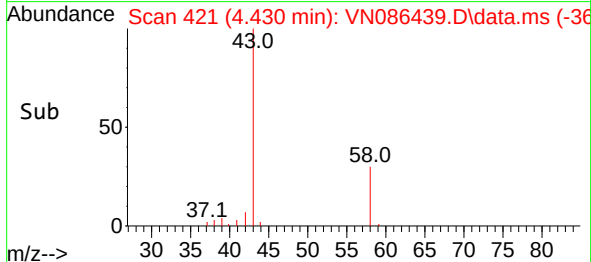
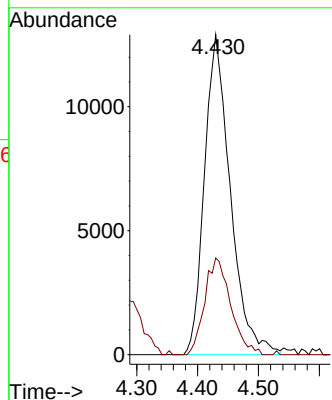
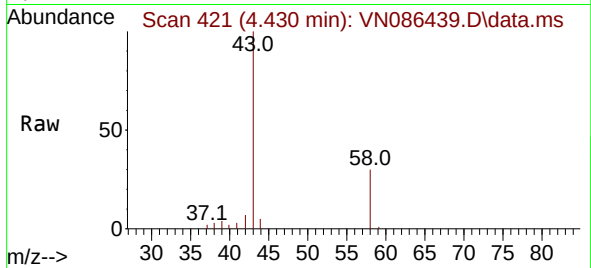
#16
Acetone
Concen: 41.906 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#09

Tgt Ion: 43 Resp: 38100
Ion Ratio Lower Upper
43 100
58 30.3 25.3 37.9

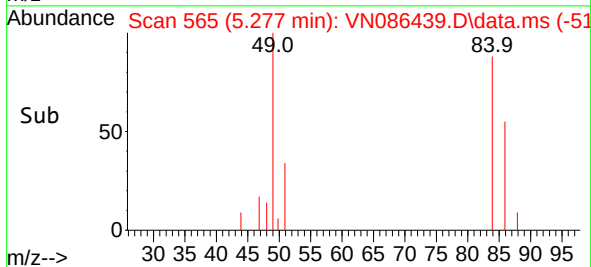
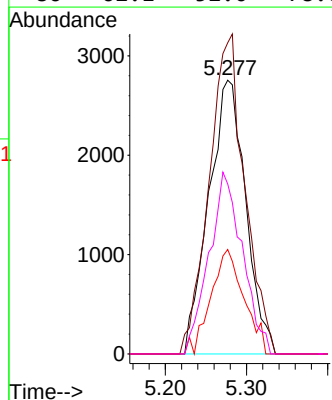
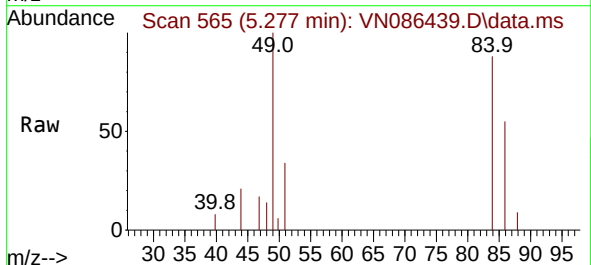
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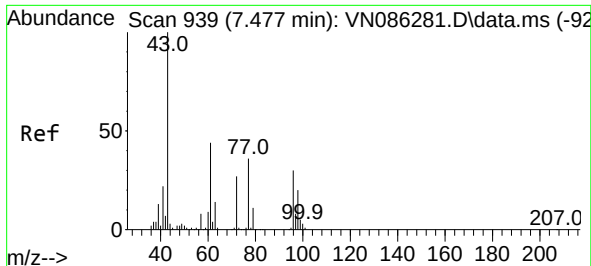
Reviewed By :John Carlone 05/02/2025
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#20
Methylene Chloride
Concen: 3.988 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

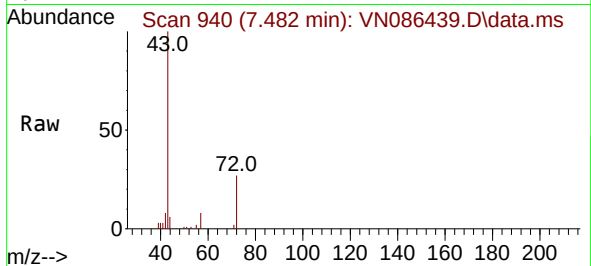
Tgt Ion: 84 Resp: 8708
Ion Ratio Lower Upper
84 100
49 113.7 98.2 147.2
51 38.1 29.8 44.6
86 62.1 52.0 78.0





#25
2-Butanone
Concen: 24.981 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

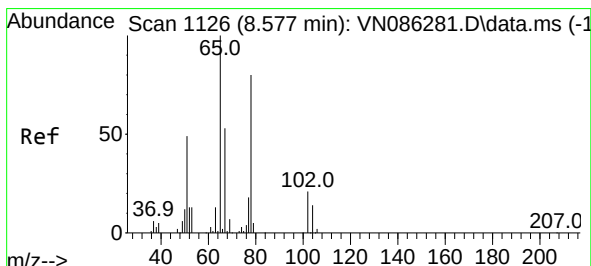
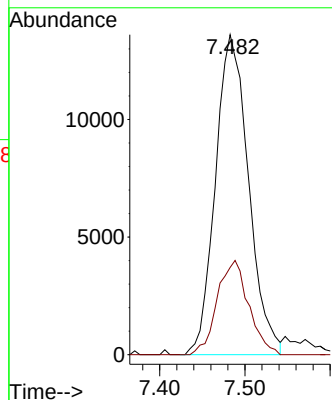
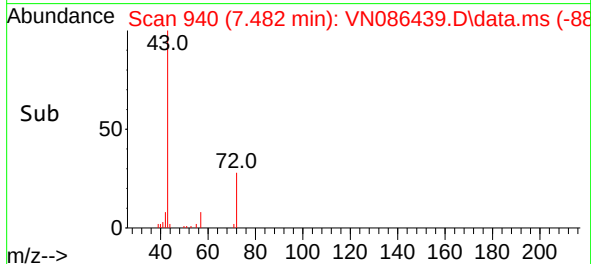
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#09



Tgt Ion: 43 Resp: 36720
Ion Ratio Lower Upper
43 100
72 27.3 21.7 32.5

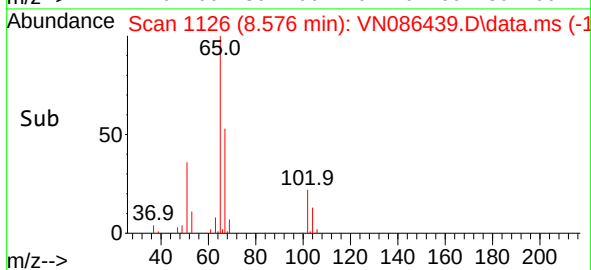
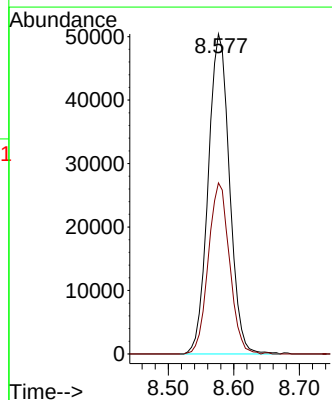
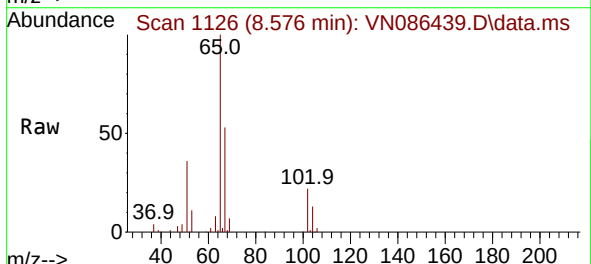
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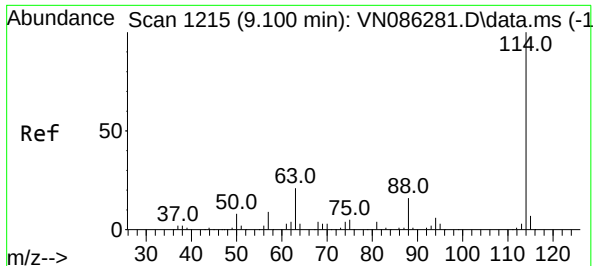
Reviewed By :John Carlone 05/02/2025
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#33
1,2-Dichloroethane-d4
Concen: 48.189 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

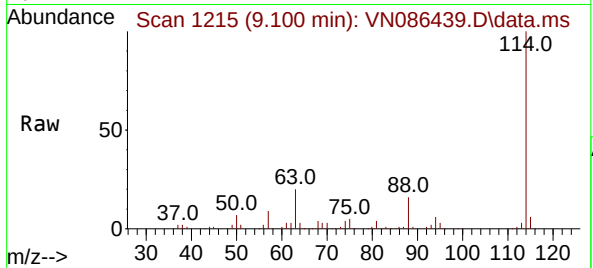
Tgt Ion: 65 Resp: 113818
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

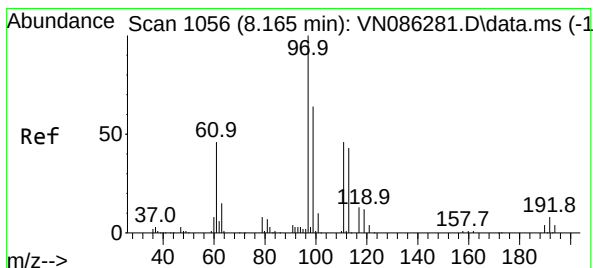
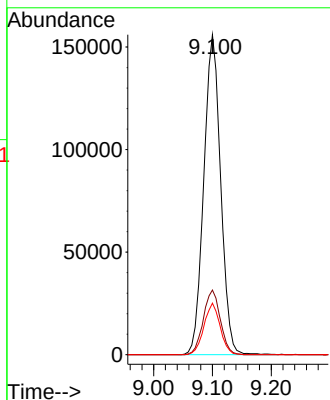
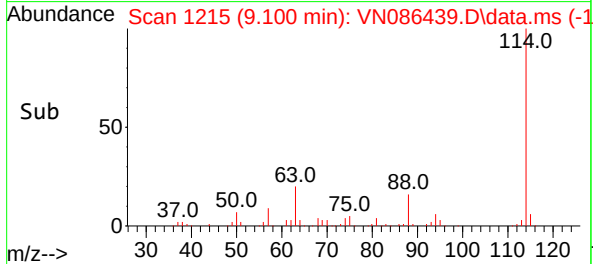
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#09



Tgt Ion:114 Resp: 31108
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 16.1 0.0 31.8

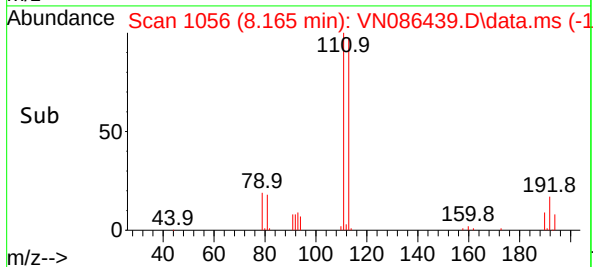
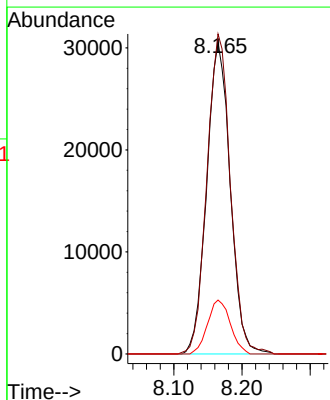
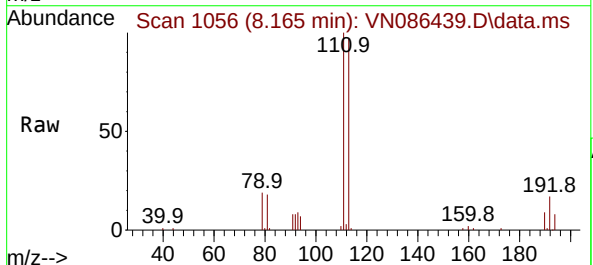
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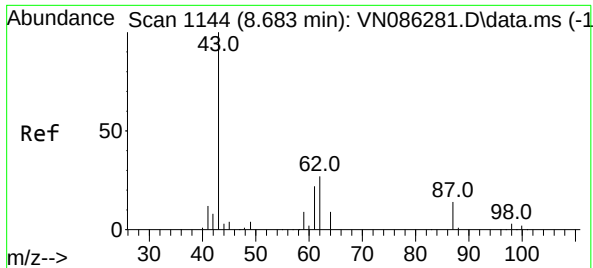
Reviewed By :John Carlone 05/02/2025
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#35
Dibromofluoromethane
Concen: 50.788 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

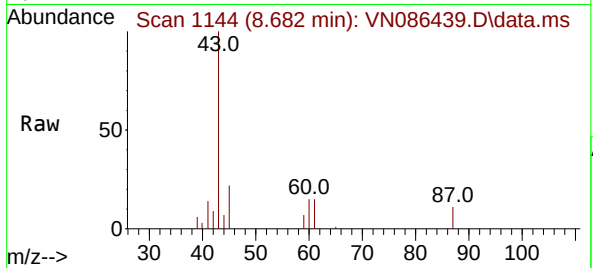
Tgt Ion:113 Resp: 73328
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 16.7 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.627 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

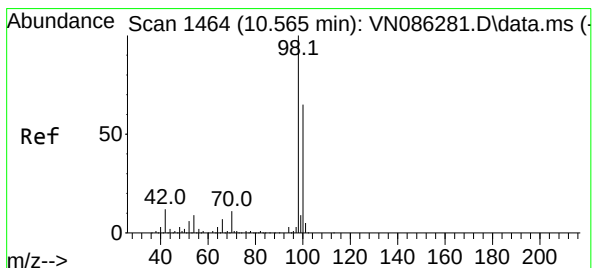
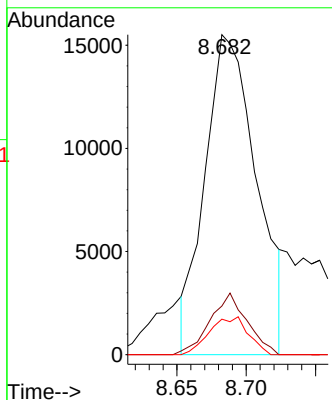
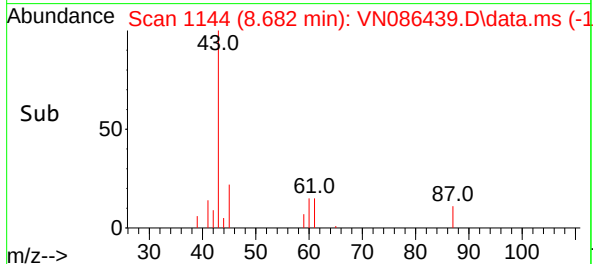
Instrument : MSVOA_N
ClientSampleId : PB167775ZHE#09



Tgt Ion: 43 Resp: 40275
Ion Ratio Lower Upper
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61 13.8 20.5 30.7
87 8.9 10.5 15.7

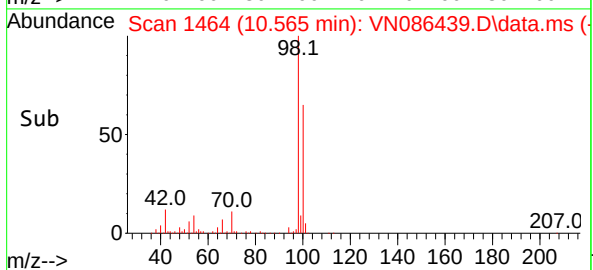
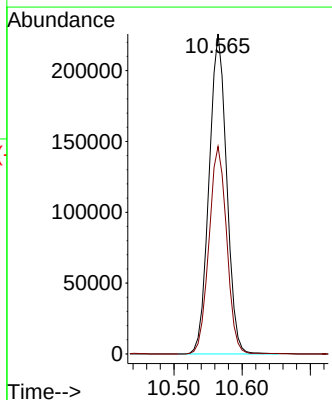
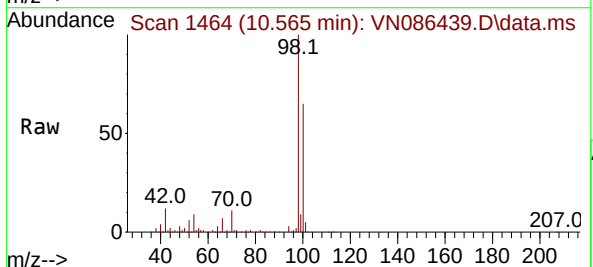
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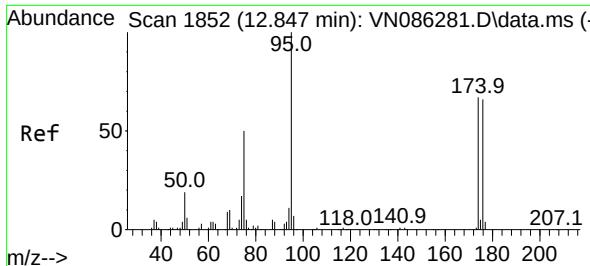
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

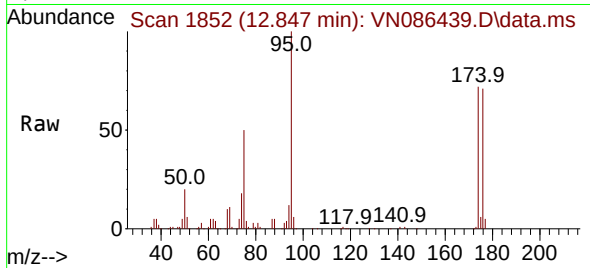
Tgt Ion: 98 Resp: 405841
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16

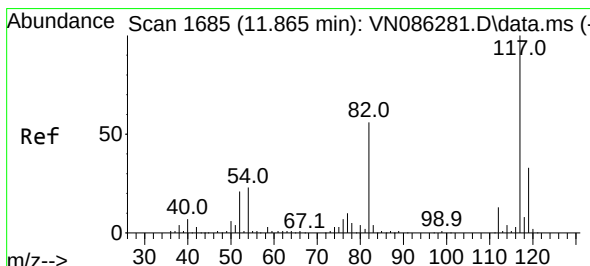
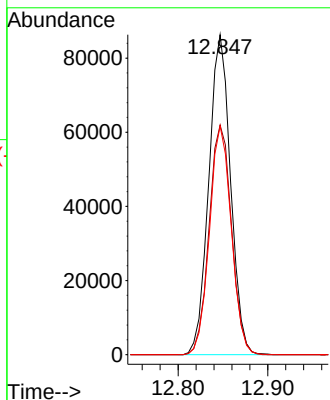
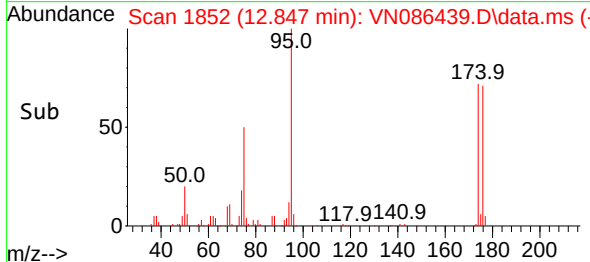
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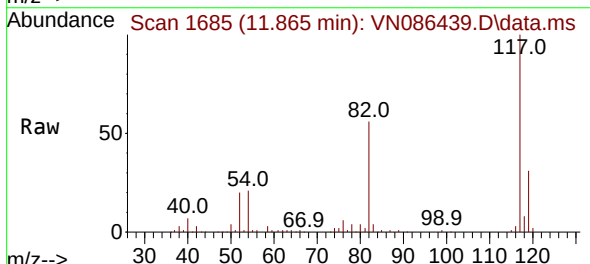
Tgt Ion: 95 Resp: 145228
Ion Ratio Lower Upper
95 100
174 74.1 0.0 133.4
176 71.5 0.0 129.2

Manual Integrations
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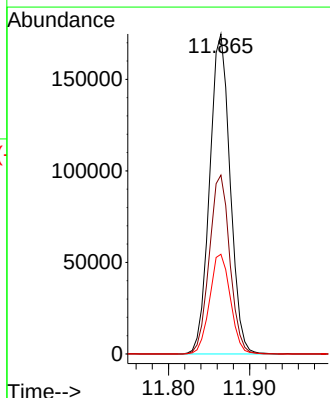
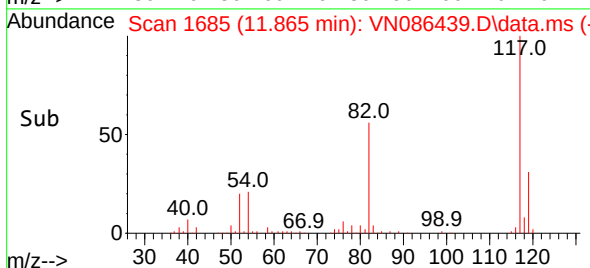
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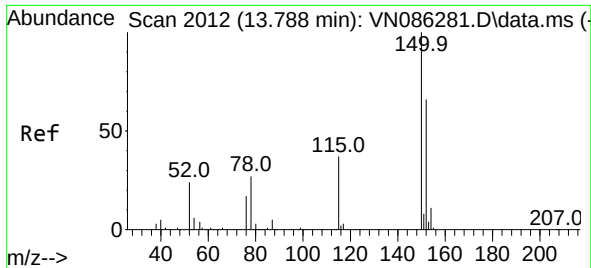


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086439.D
Acq: 30 Apr 2025 16:16



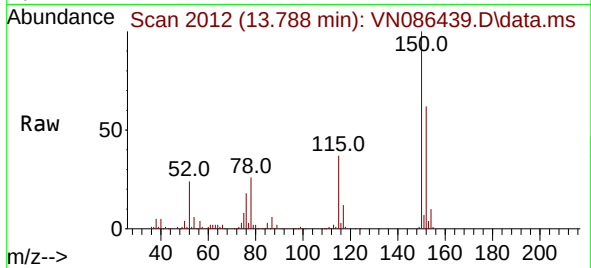
Tgt Ion:117 Resp: 305919
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086439.D
 Acq: 30 Apr 2025 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#09



Tgt Ion:152 Resp: 129664
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.9 95.9
 150 159.0 0.0 352.0

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