

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086434.D
 Acq On : 30 Apr 2025 14:14
 Operator : JC\MD
 Sample : PB167775ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#04

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:34:36 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	175003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124581	49.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	8.165	113	80507	51.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.060%		
50) Toluene-d8	10.565	98	434290	52.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.020%		
62) 4-Bromofluorobenzene	12.847	95	155561	51.075	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	8395	18.131	ug/l #	90
16) Acetone	4.430	43	39850	40.640	ug/l	97
20) Methylene Chloride	5.277	84	5799	2.472	ug/l	94
25) 2-Butanone	7.483	43	38189	24.177	ug/l	92
43) Isopropyl Acetate	8.688	43	39065m	4.847	ug/l	

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

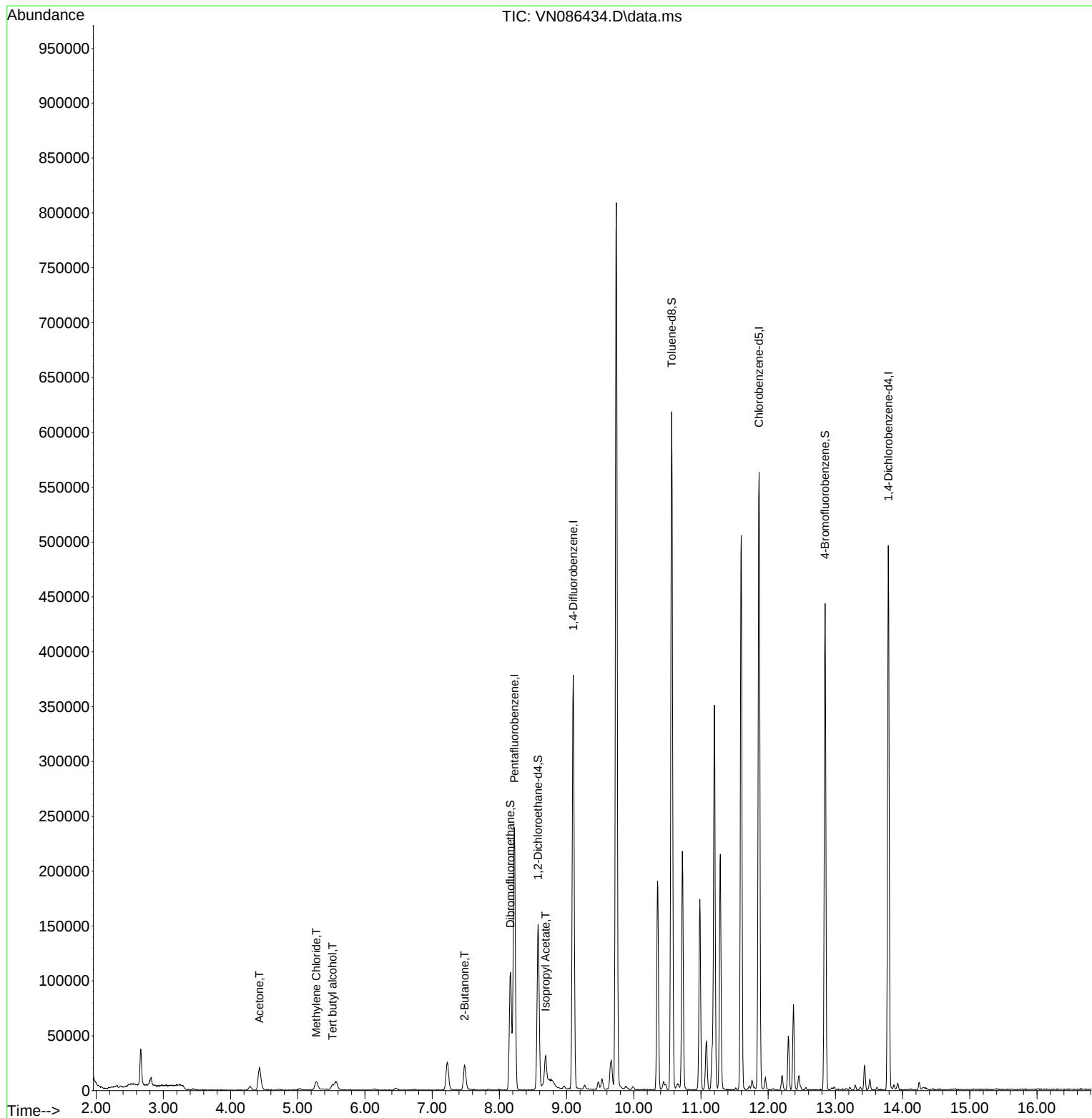
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086434.D
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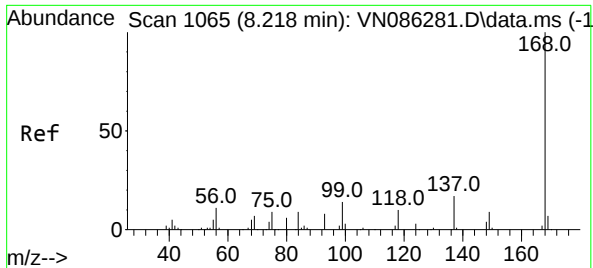
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#04

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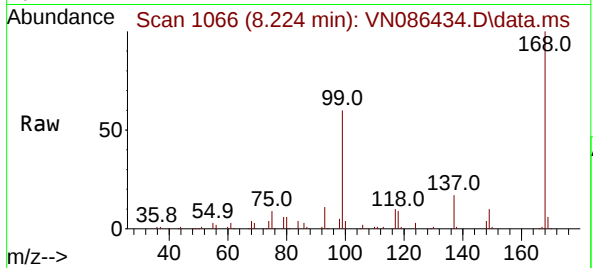
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

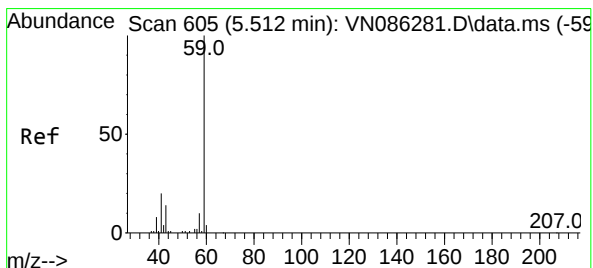
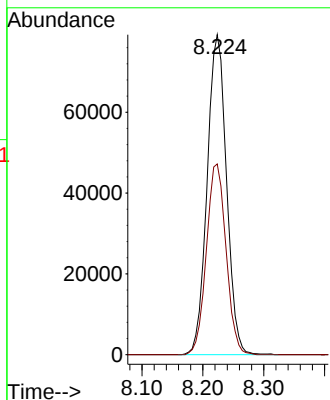
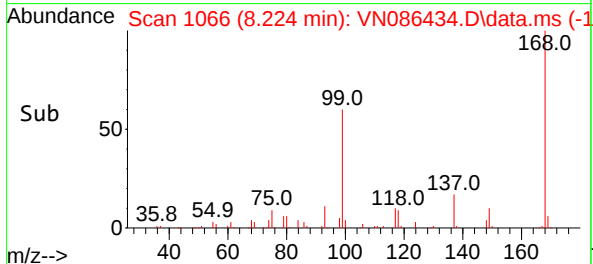
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#04



Tgt Ion:168 Resp: 17500
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7

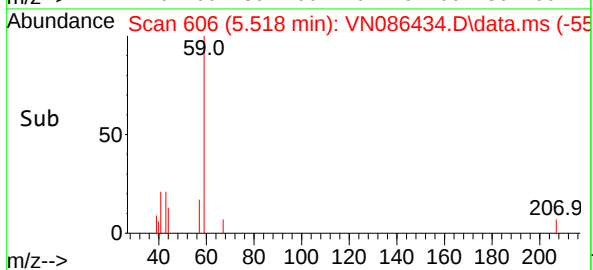
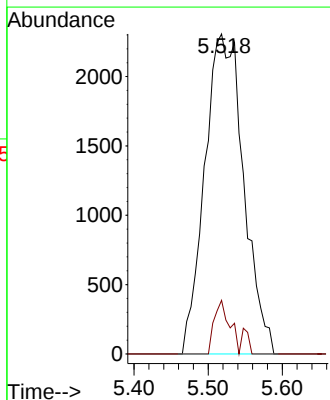
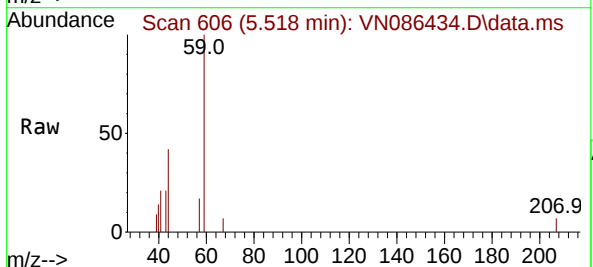
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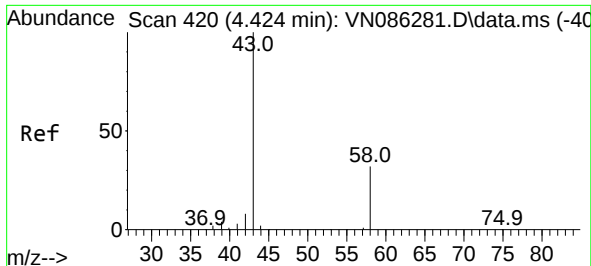
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 18.131 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

Tgt Ion: 59 Resp: 8395
Ion Ratio Lower Upper
59 100
57 6.6 8.3 12.5#





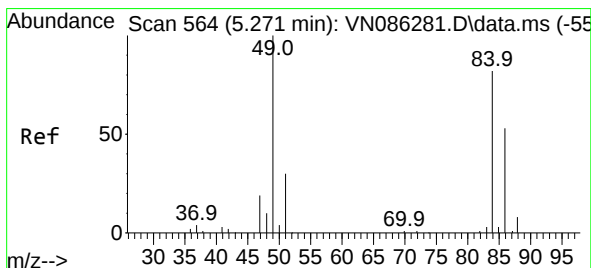
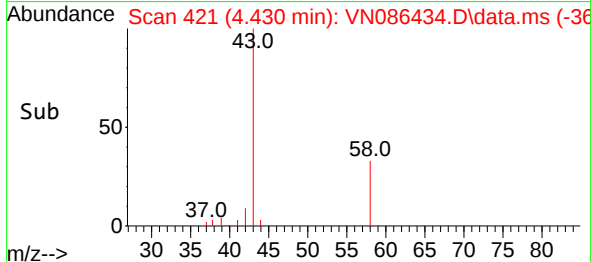
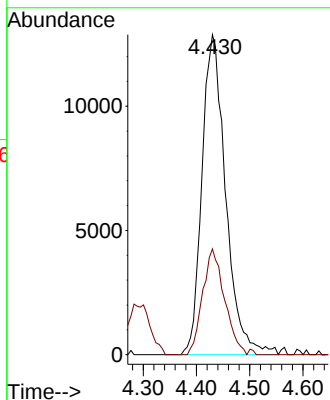
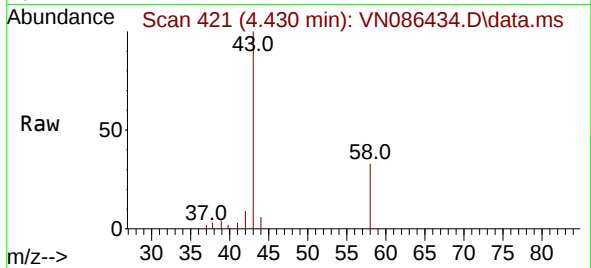
#16
Acetone
Concen: 40.640 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#04

Tgt Ion: 43 Resp: 39850
Ion Ratio Lower Upper
43 100
58 33.0 25.3 37.9

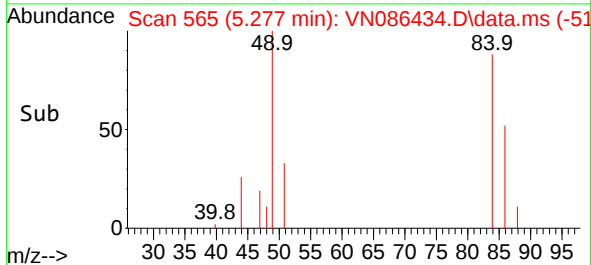
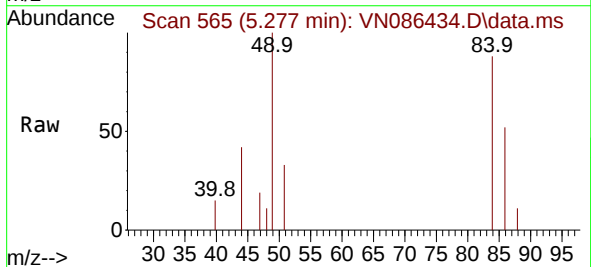
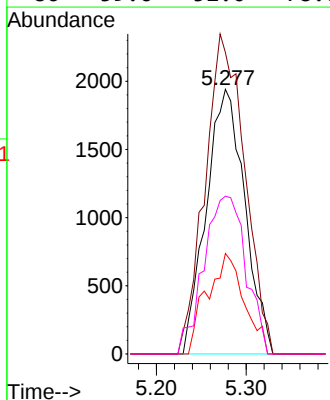
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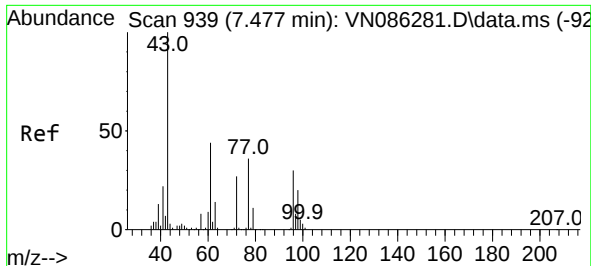
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 2.472 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

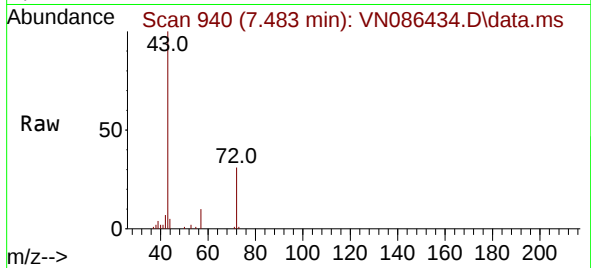
Tgt Ion: 84 Resp: 5799
Ion Ratio Lower Upper
84 100
49 113.9 98.2 147.2
51 38.0 29.8 44.6
86 59.6 52.0 78.0





#25
2-Butanone
Concen: 24.177 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

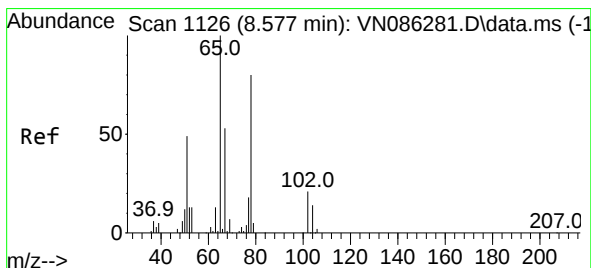
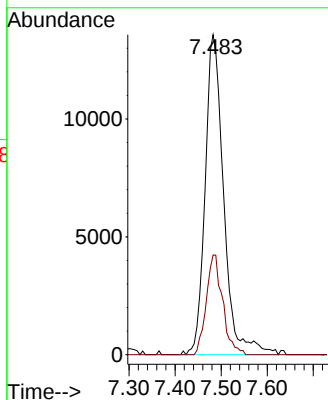
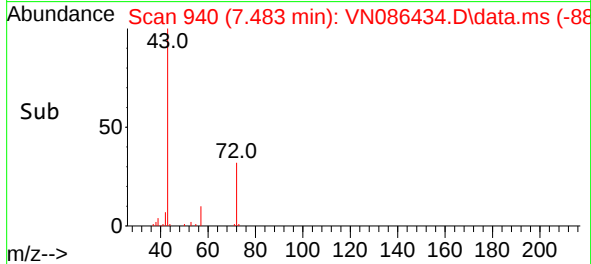
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#04



Tgt Ion: 43 Resp: 38189
Ion Ratio Lower Upper
43 100
72 31.2 21.7 32.5

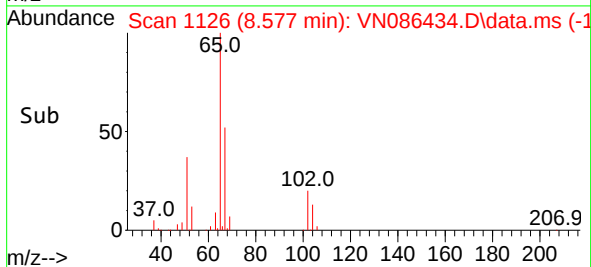
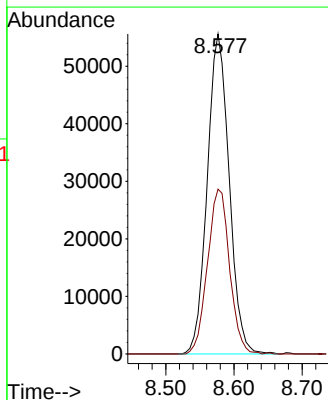
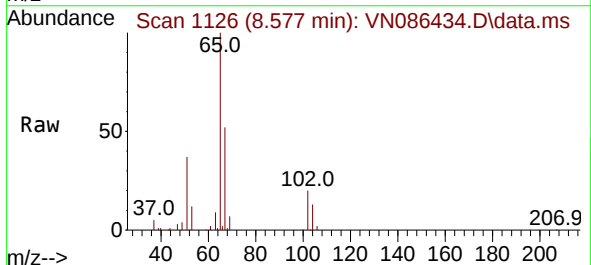
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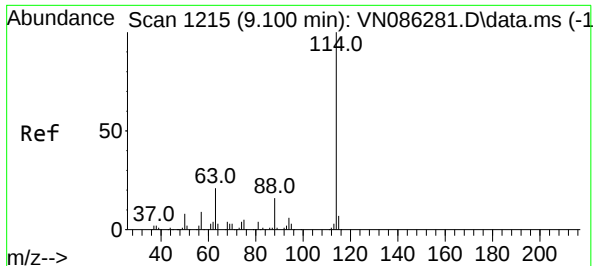
Reviewed By :John Carlone 05/02/2025
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#33
1,2-Dichloroethane-d4
Concen: 49.092 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

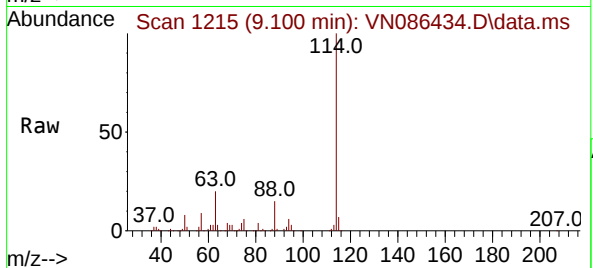
Tgt Ion: 65 Resp: 124581
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

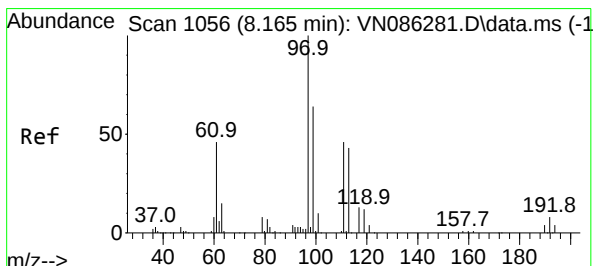
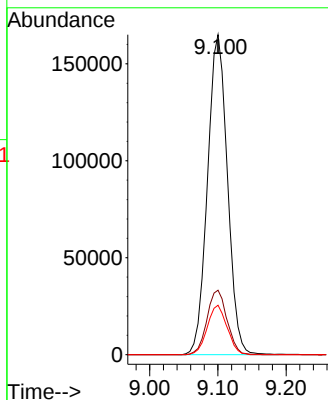
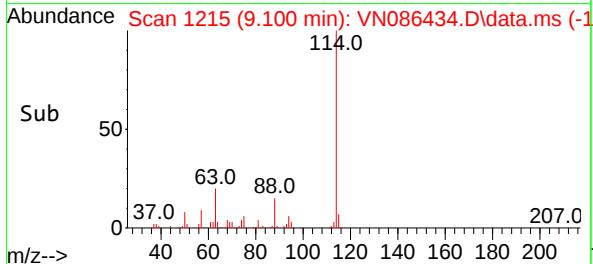
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#04



Tgt Ion:114 Resp: 336649
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.4 0.0 31.8

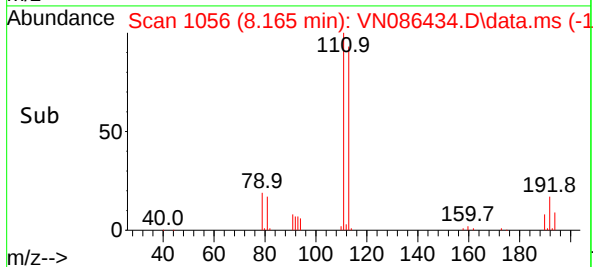
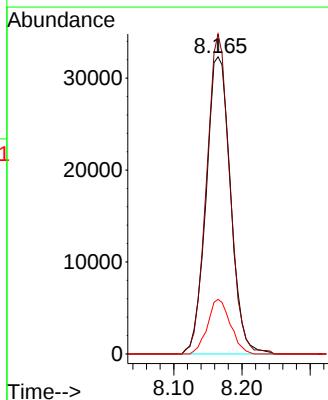
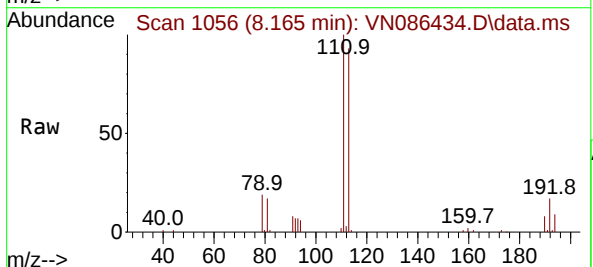
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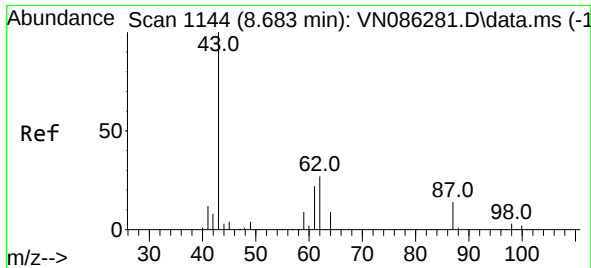
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 51.527 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

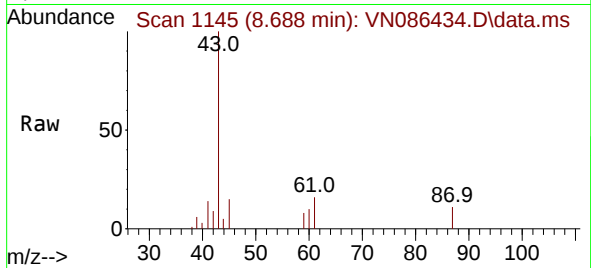
Tgt Ion:113 Resp: 80507
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 17.1 13.7 20.5





#43
Isopropyl Acetate
Concen: 4.847 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

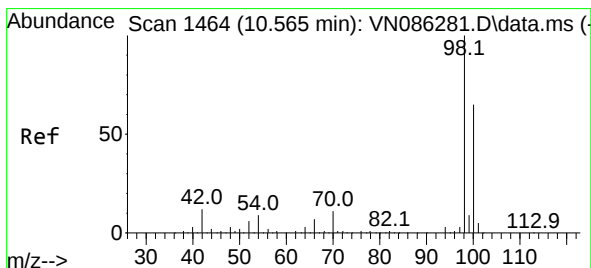
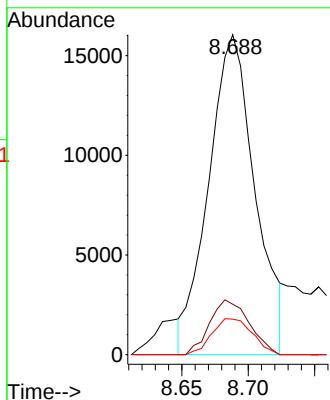
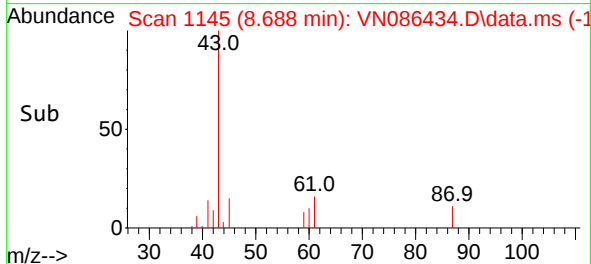
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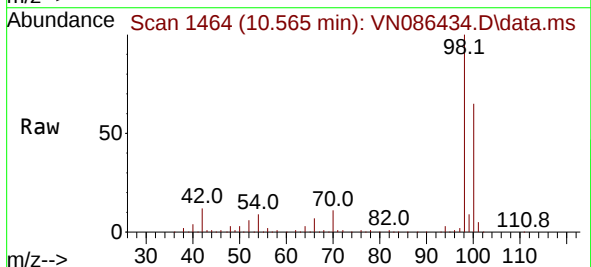
Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
61 14.6 20.5 30.7
87 9.8 10.5 15.7

Manual Integrations
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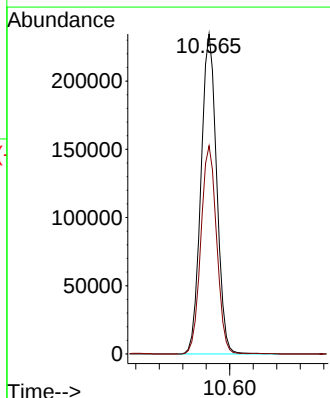
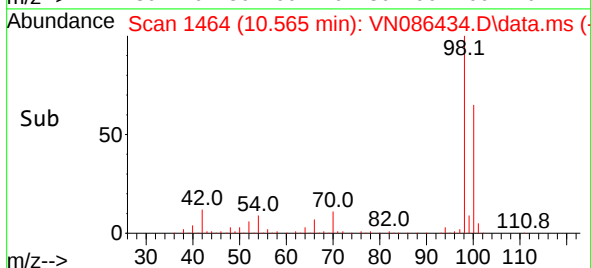
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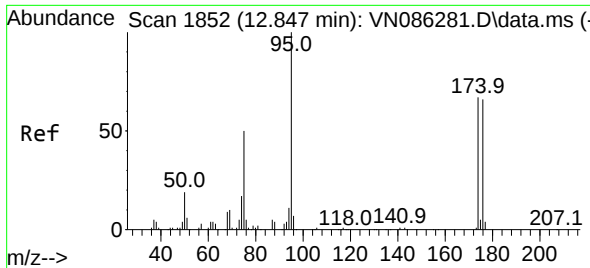


#50
Toluene-d8
Concen: 52.008 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14



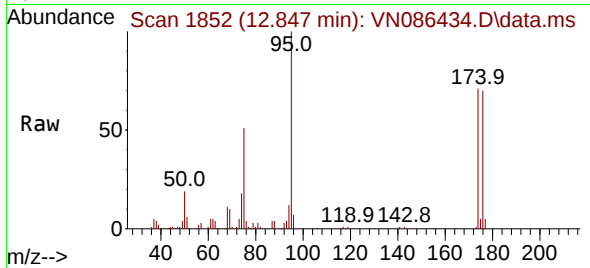
Tgt Ion: 98 Resp: 434290
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14

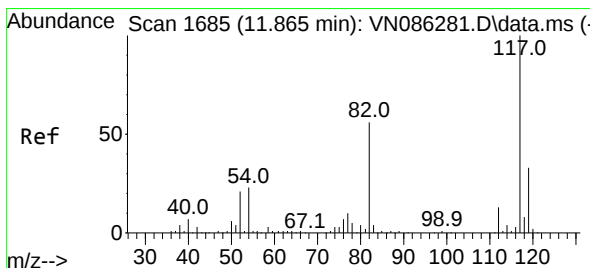
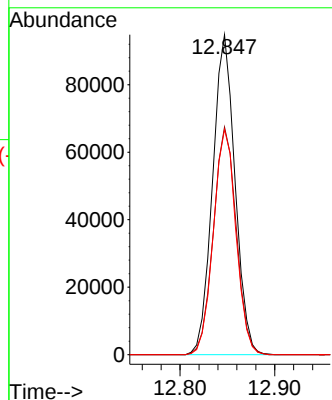
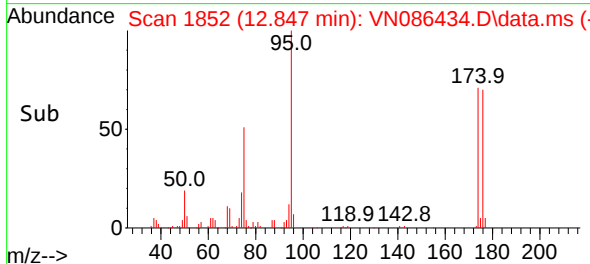
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PB167775ZHE#04



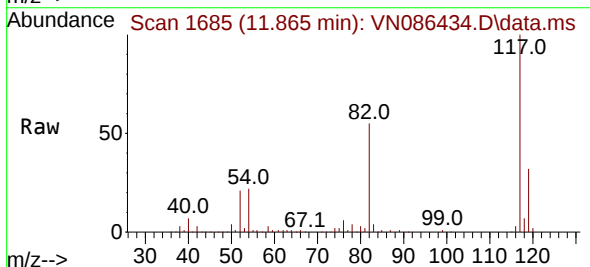
Tgt Ion: 95 Resp: 15556
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 70.9 0.0 129.2

Manual Integrations
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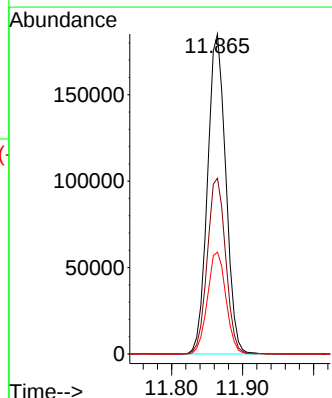
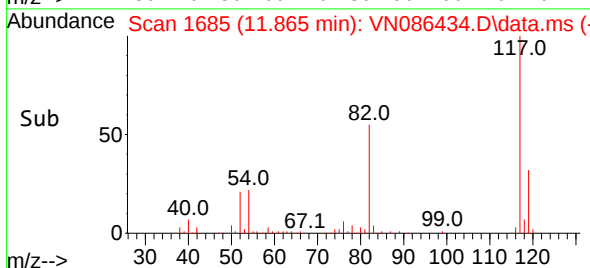
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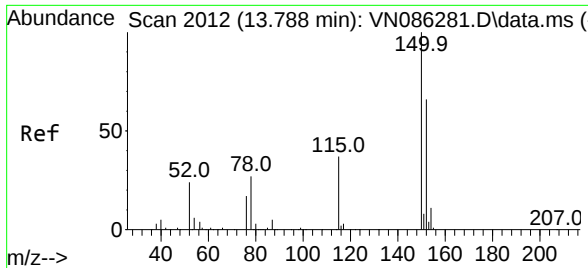


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086434.D
Acq: 30 Apr 2025 14:14



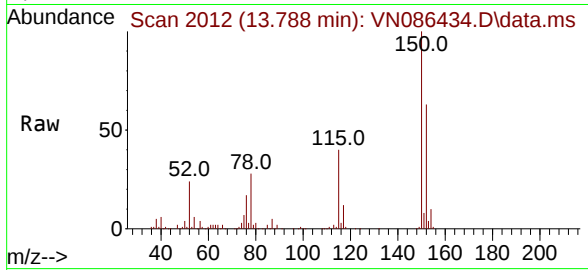
Tgt Ion:117 Resp: 330442
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086434.D
 Acq: 30 Apr 2025 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#04



Tgt Ion:	152	Resp:	13320
Ion Ratio	Lower	Upper	
152	100		
115	61.2	31.9	95.9
150	156.4	0.0	352.0

Manual Integrations
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