

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086264.D
 Acq On : 14 Apr 2025 13:14
 Operator : JC\MD
 Sample : PB167573ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167573ZHE#04

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 15 03:08:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27571	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163779	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146282	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79818	29.681	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	12.847	95	81905	28.123	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.733%		
63) Toluene-d8	10.565	98	244222	29.572	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.567%		
Target Compounds						
12) Methyl Acetate	5.030	43	3952m	1.333	ug/l	Qvalue
15) Acetone	4.430	58	10559	33.273	ug/l	85
18) Methylene Chloride	5.277	84	7479	3.125	ug/l	93
44) Isopropyl Acetate	8.682	43	35833	5.890	ug/l #	79

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

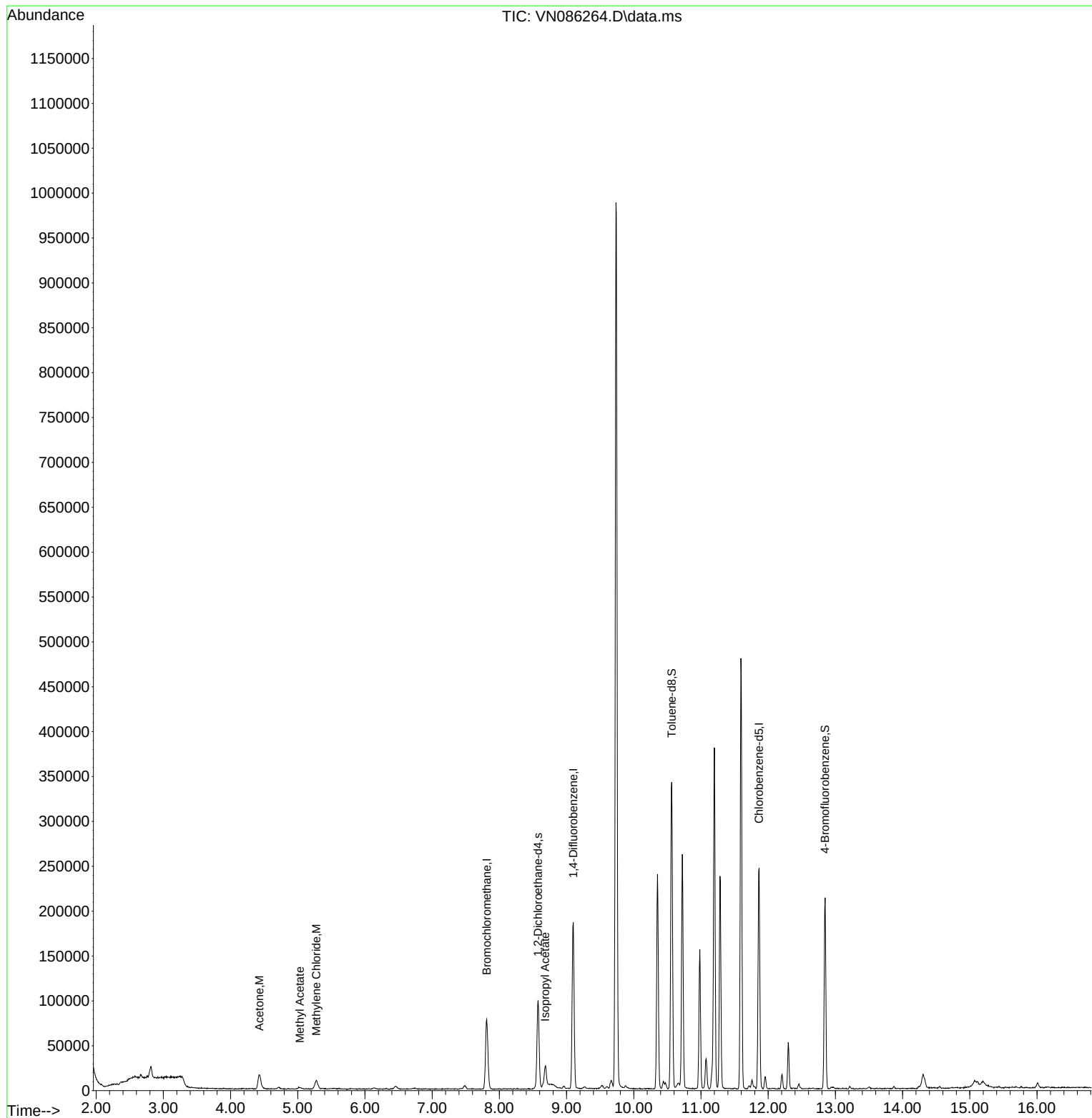
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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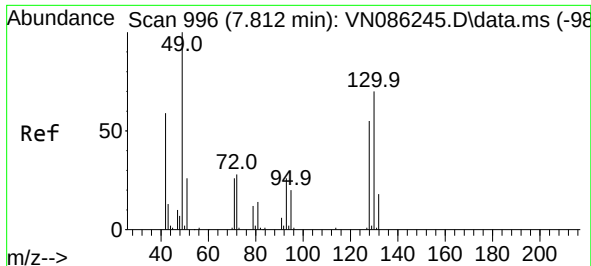
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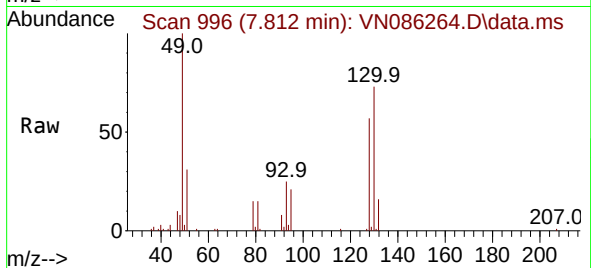
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

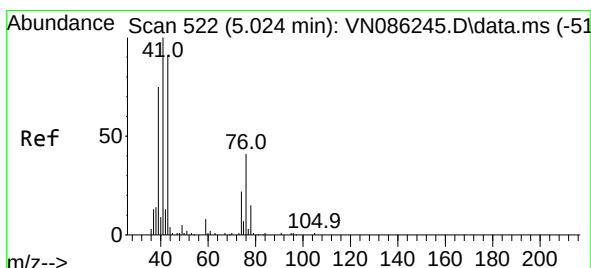
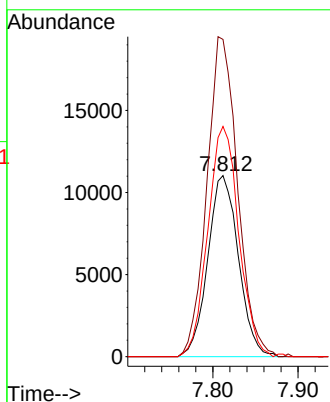
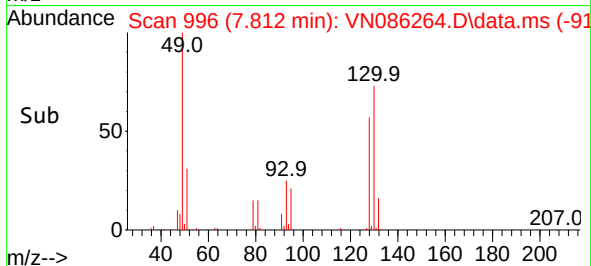
Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#04



Tgt Ion:128 Resp: 2757
Ion Ratio Lower Upper
128 100
49 176.0 0.0 452.5
130 128.4 0.0 315.0

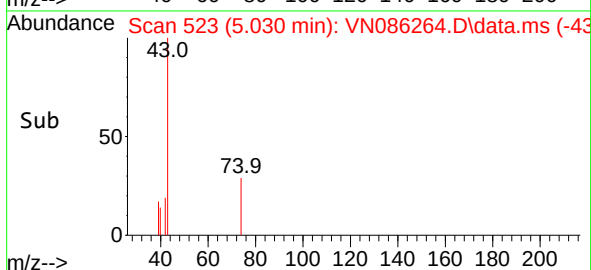
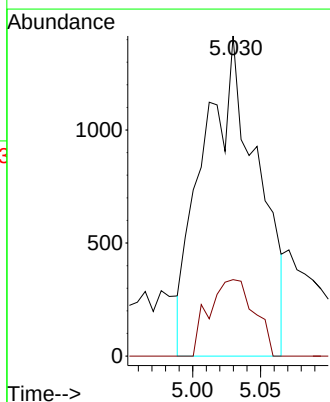
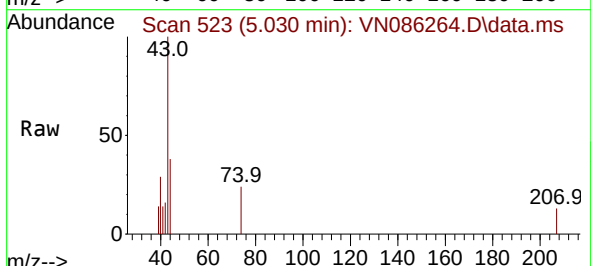
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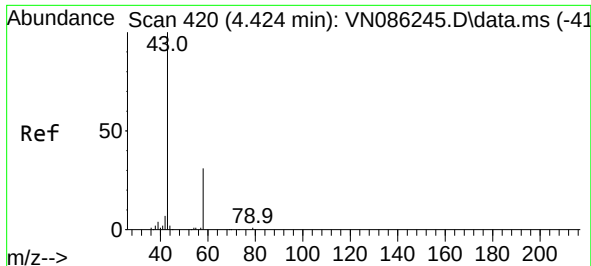
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
Methyl Acetate
Concen: 1.333 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

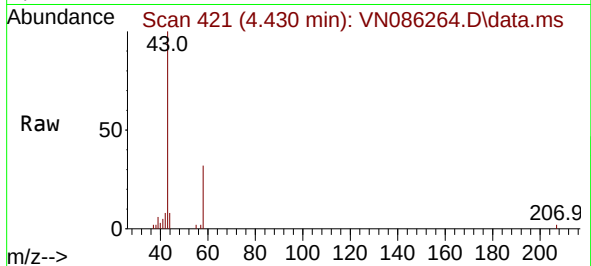
Tgt Ion: 43 Resp: 3952
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#15
Acetone
Concen: 33.273 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

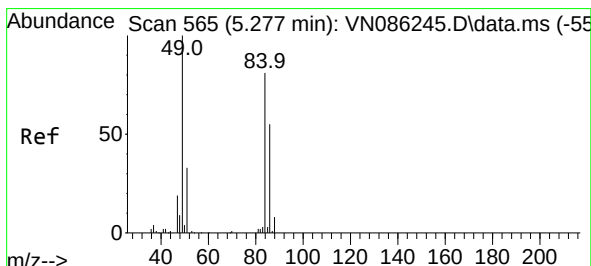
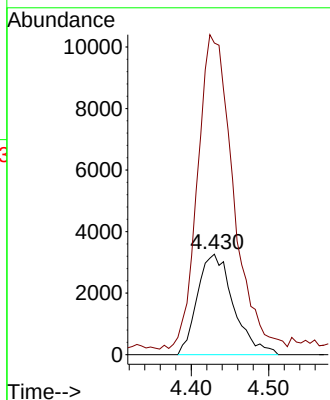
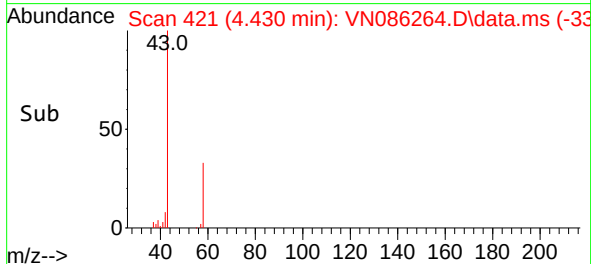
Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#04



Tgt Ion: 58 Resp: 1055
Ion Ratio Lower Upper
58 100
43 295.2 261.8 392.8

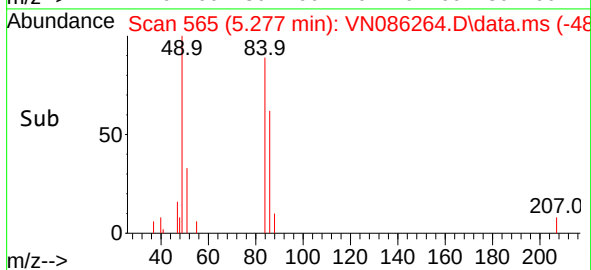
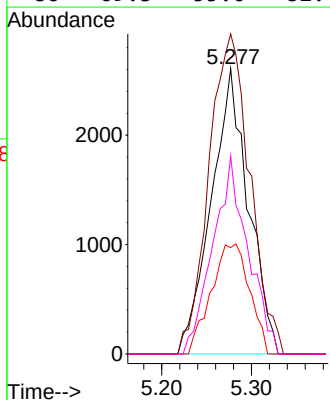
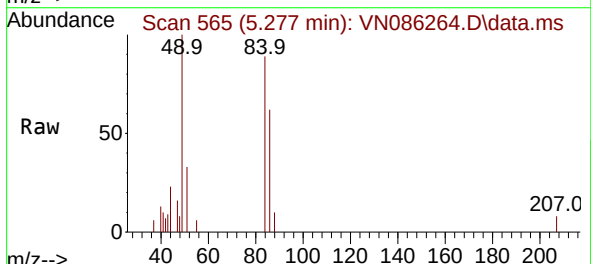
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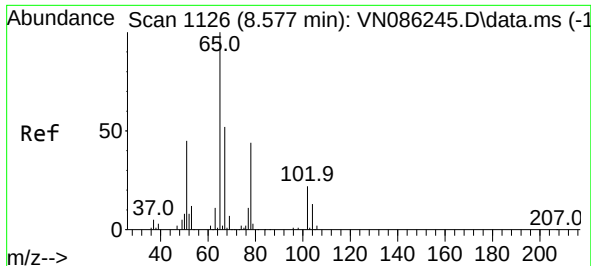
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methylene Chloride
Concen: 3.125 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

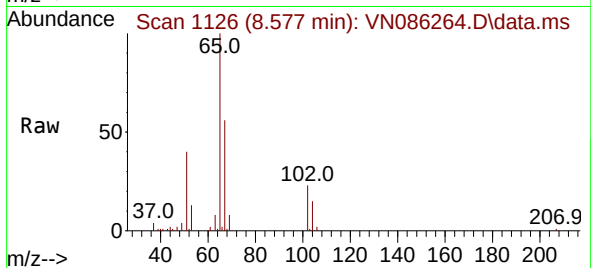
Tgt Ion: 84 Resp: 7479
Ion Ratio Lower Upper
84 100
49 112.1 99.1 148.7
51 37.3 32.3 48.5
86 69.3 55.0 82.4





#27
1,2-Dichloroethane-d4
Concen: 29.681 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

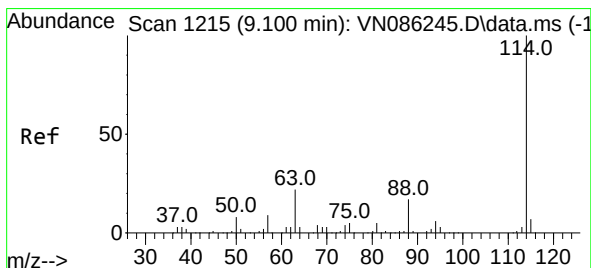
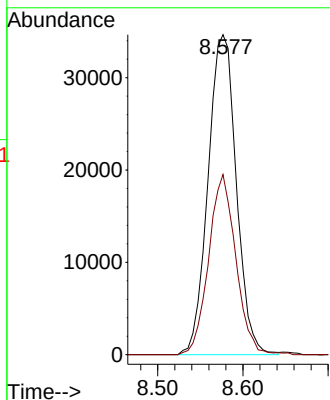
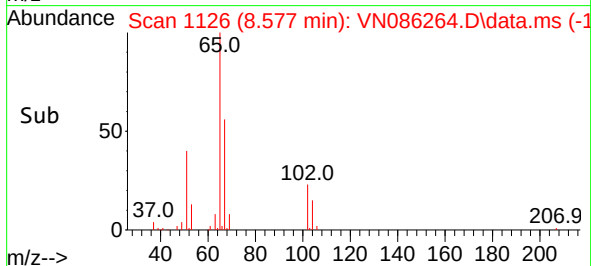
Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#04



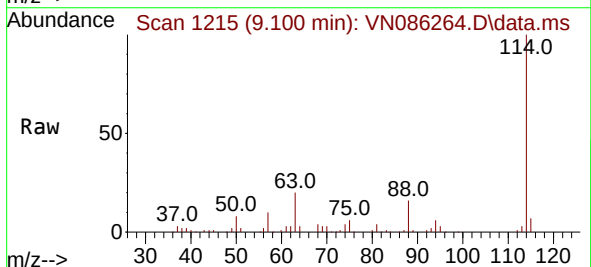
Tgt Ion: 65 Resp: 79818
Ion Ratio Lower Upper
65 100
67 54.1 43.4 65.2

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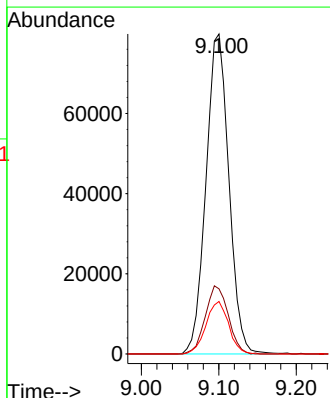
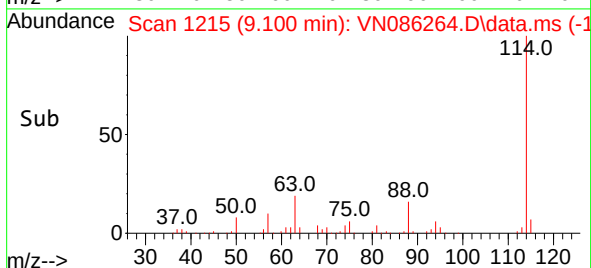
Reviewed By :John Carlone 04/16/2025
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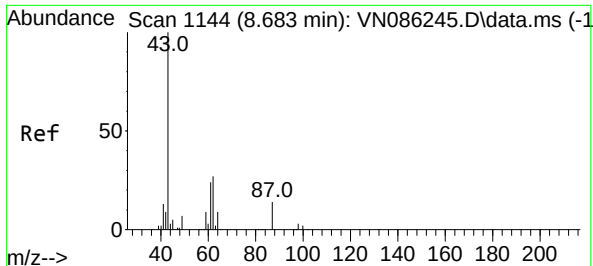


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14



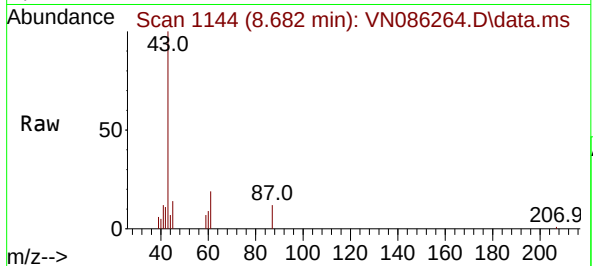
Tgt Ion:114 Resp: 163779
Ion Ratio Lower Upper
114 100
63 21.3 17.8 26.6
88 16.2 13.4 20.2





#44
Isopropyl Acetate
Concen: 5.890 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

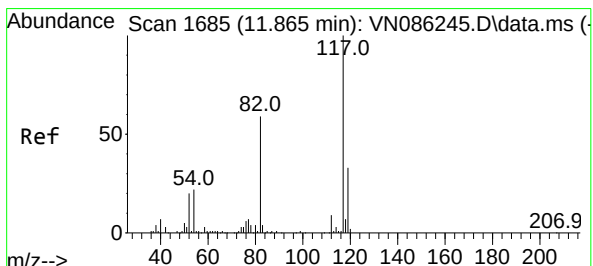
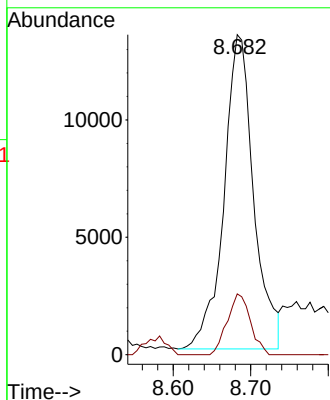
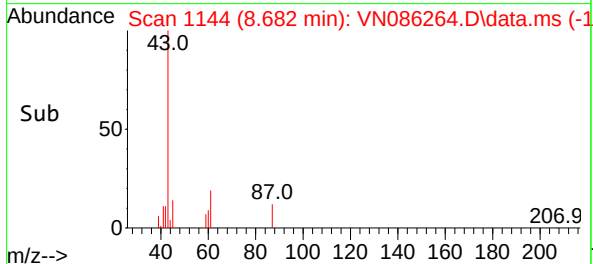
Instrument :
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ClientSampleId :
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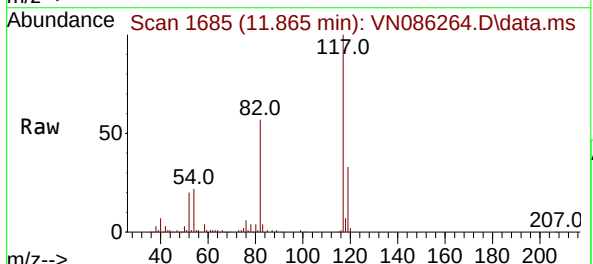
Tgt Ion: 43 Resp: 3583
Ion Ratio Lower Upper
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61 15.0 20.5 30.7

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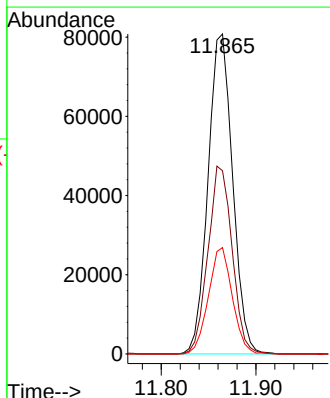
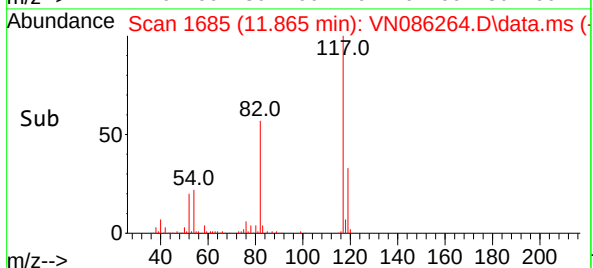
Reviewed By :John Carlone 04/16/2025
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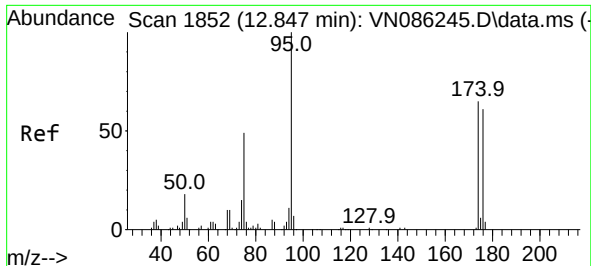


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14



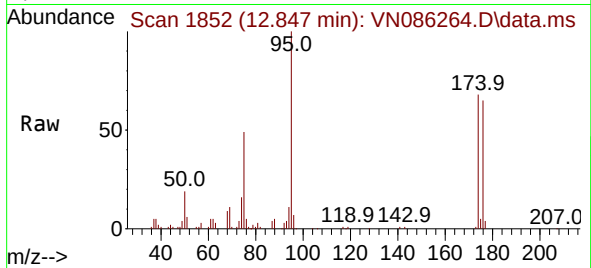
Tgt Ion:117 Resp: 146282
Ion Ratio Lower Upper
117 100
82 57.7 47.3 70.9
119 32.2 25.9 38.9





#60
4-Bromofluorobenzene
Concen: 28.123 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14

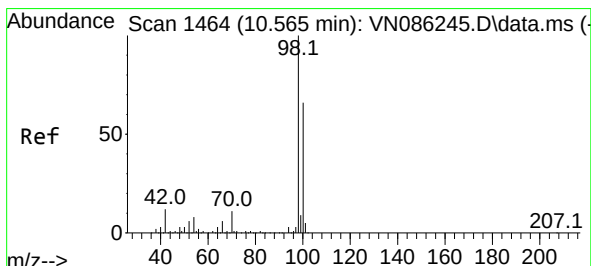
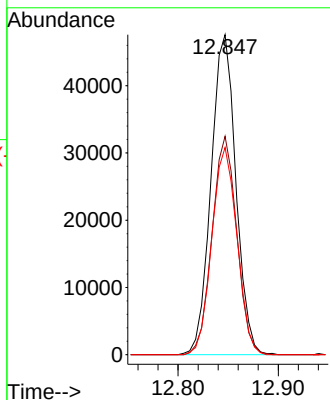
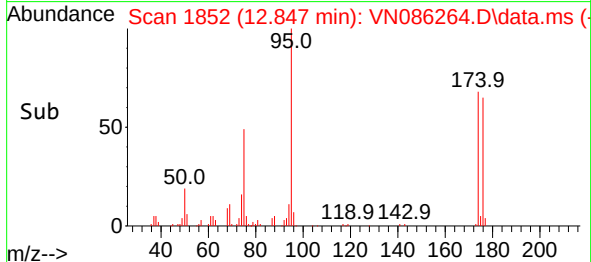
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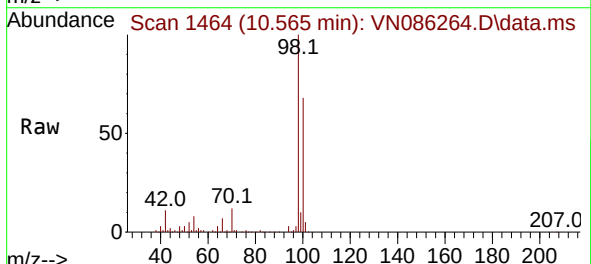
Tgt Ion: 95 Resp: 8190
Ion Ratio Lower Upper
95 100
174 67.7 52.7 79.1
176 65.4 49.8 74.8

Manual Integrations
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#63
Toluene-d8
Concen: 29.572 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086264.D
Acq: 14 Apr 2025 13:14



Tgt Ion: 98 Resp: 244222
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

