

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086274.D
 Acq On : 14 Apr 2025 17:14
 Operator : JC\MD
 Sample : PB167573ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167573ZHE#06

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 03:14:17 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	7.818	128	32621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	193248	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	170995	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	95057	29.876	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.600%		
60) 4-Bromofluorobenzene	12.847	95	94970	27.896	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.000%		
63) Toluene-d8	10.565	98	289822	30.022	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.067%		
Target Compounds						
12) Methyl Acetate	5.024	43	4260	1.214	ug/l	95
15) Acetone	4.424	58	10083	26.854	ug/l	76
18) Methylene Chloride	5.277	84	8342m	2.946	ug/l	
44) Isopropyl Acetate	8.683	43	26440	3.684	ug/l #	88

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

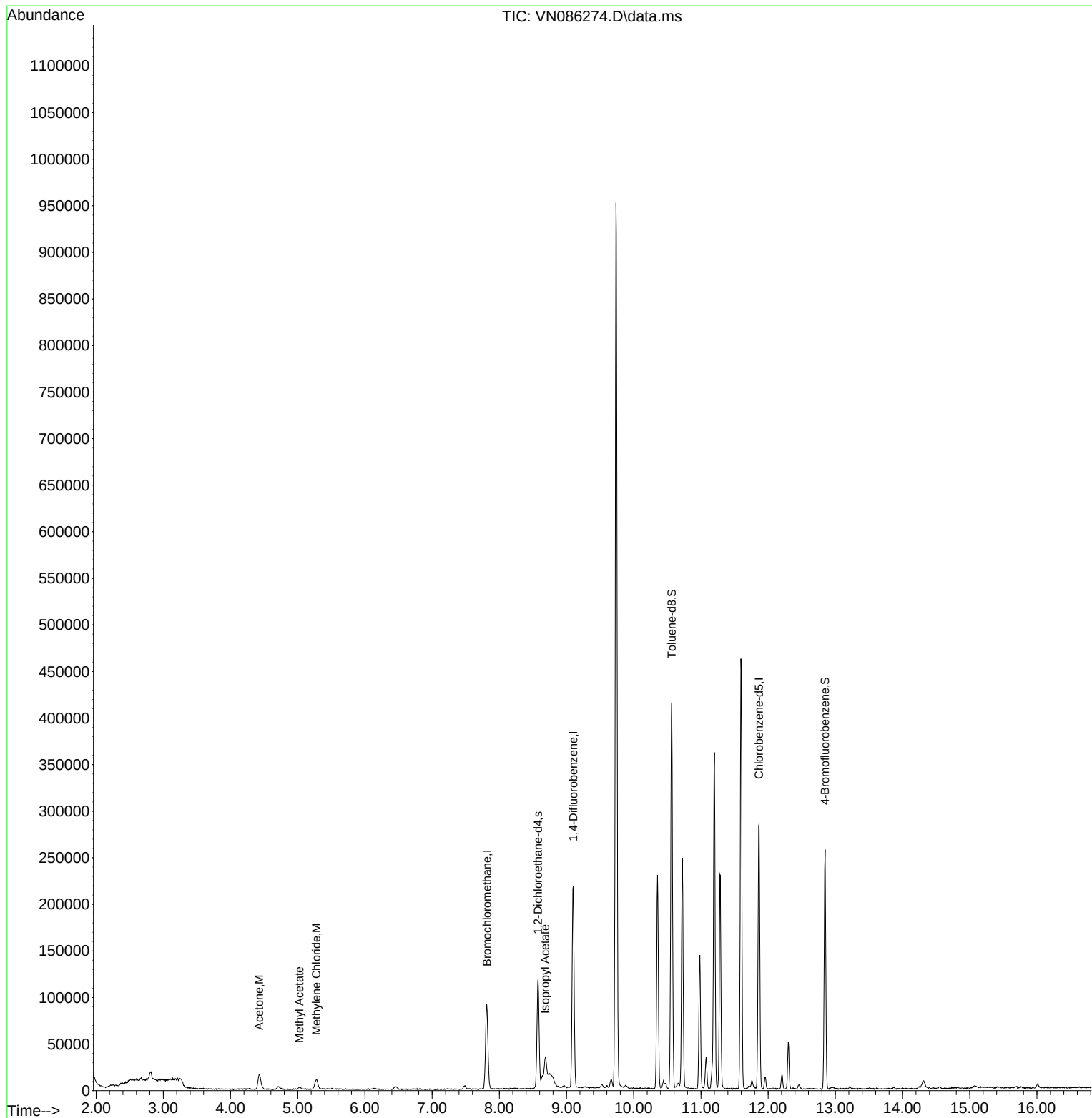
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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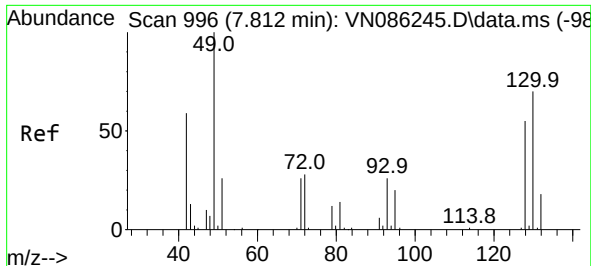
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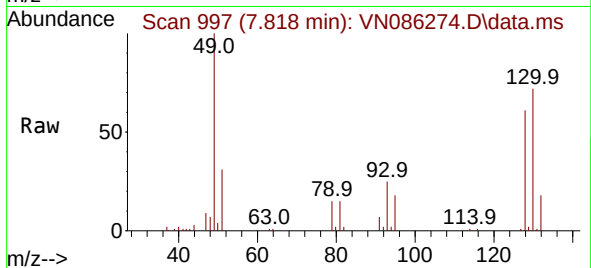
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

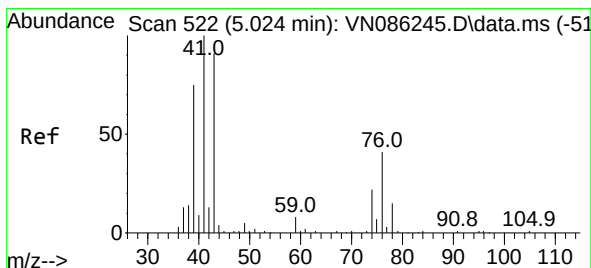
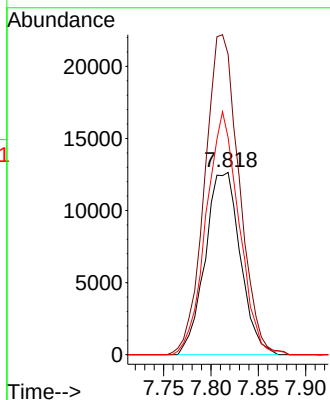
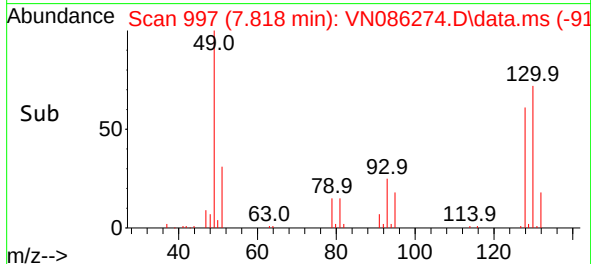
Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#06



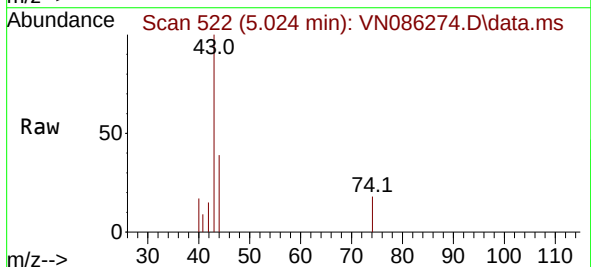
Tgt Ion:128 Resp: 3262
Ion Ratio Lower Upper
128 100
49 172.3 0.0 452.5
130 124.5 0.0 315.0

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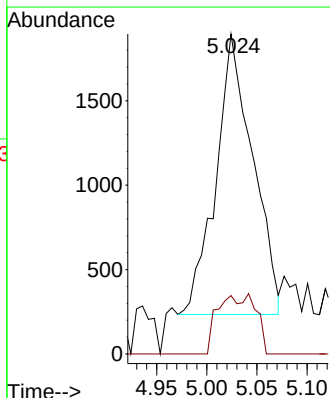
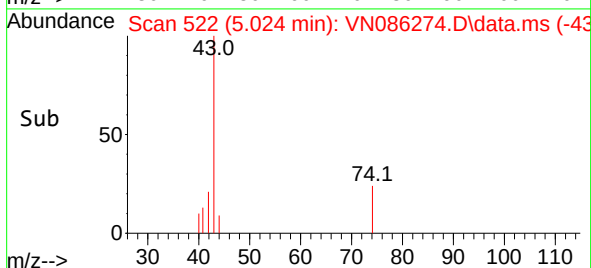
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

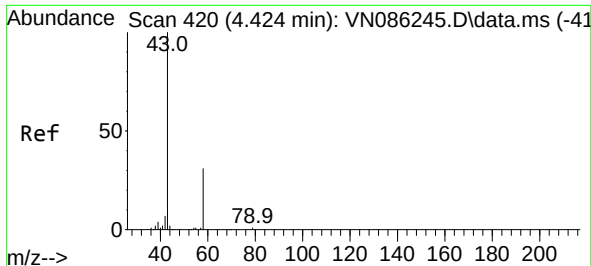


#12
Methyl Acetate
Concen: 1.214 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14



Tgt Ion: 43 Resp: 4260
Ion Ratio Lower Upper
43 100
74 21.5 19.1 28.7





#15

Acetone

Concen: 26.854 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086274.D

Acq: 14 Apr 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB167573ZHE#06

Tgt Ion: 58 Resp: 1008

Ion Ratio Lower Upper

58 100

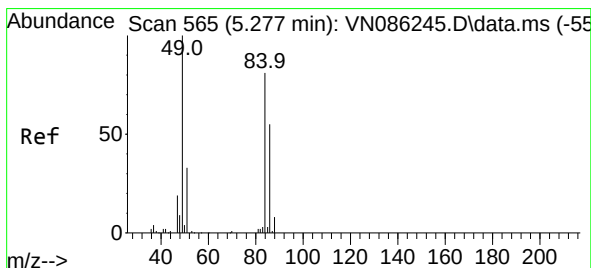
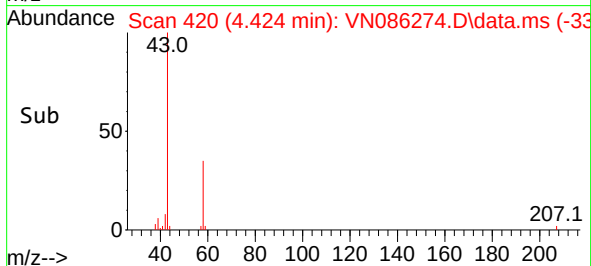
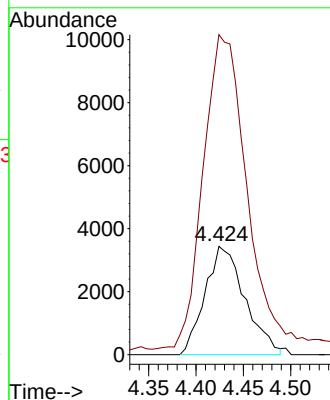
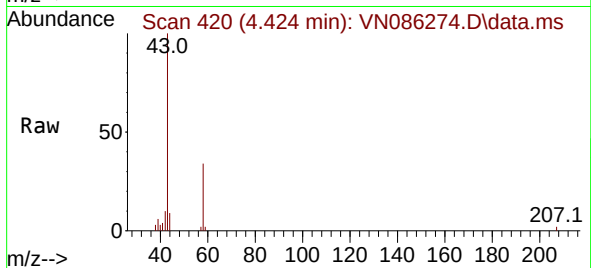
43 277.1 261.8 392.8

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#18

Methylene Chloride

Concen: 2.946 ug/l m

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN086274.D

Acq: 14 Apr 2025 17:14

Tgt Ion: 84 Resp: 8342

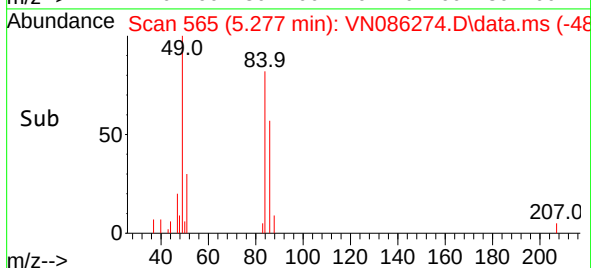
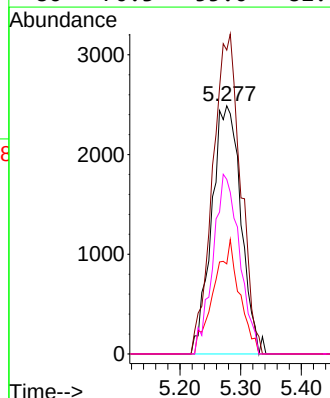
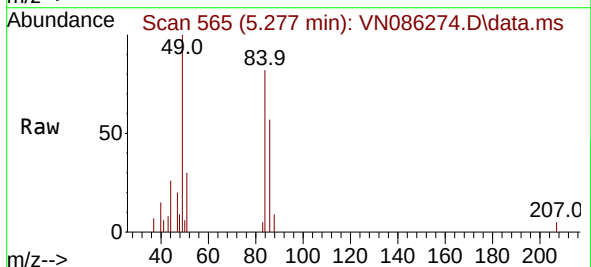
Ion Ratio Lower Upper

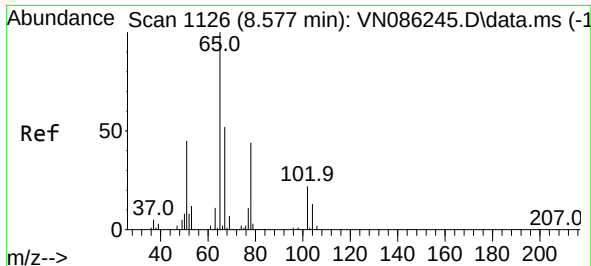
84 100

49 122.4 99.1 148.7

51 36.3 32.3 48.5

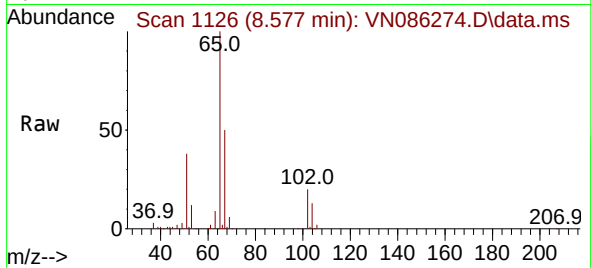
86 70.3 55.0 82.4





#27
1,2-Dichloroethane-d4
Concen: 29.876 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

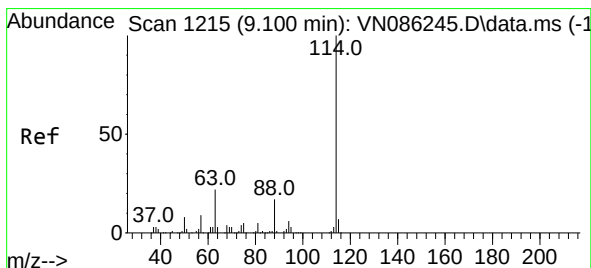
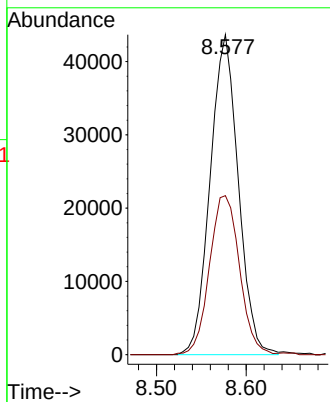
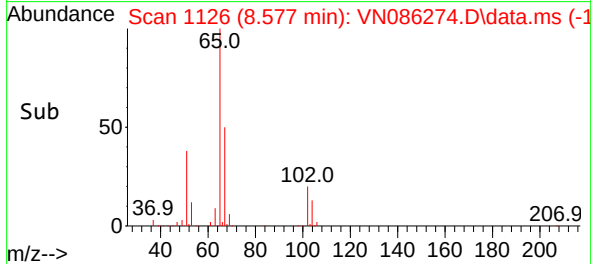
Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#06



Tgt Ion: 65 Resp: 9505
Ion Ratio Lower Upper
65 100
67 53.1 43.4 65.2

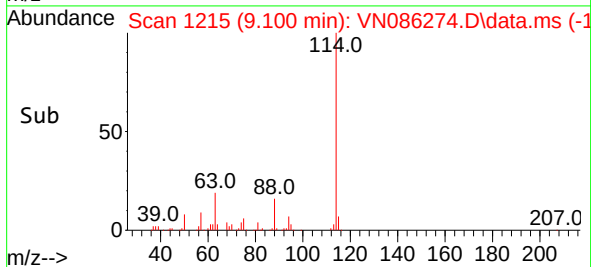
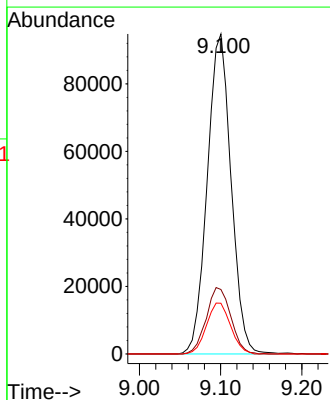
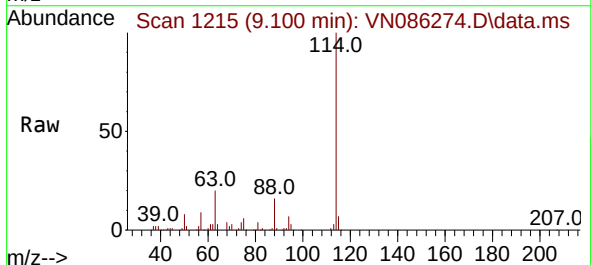
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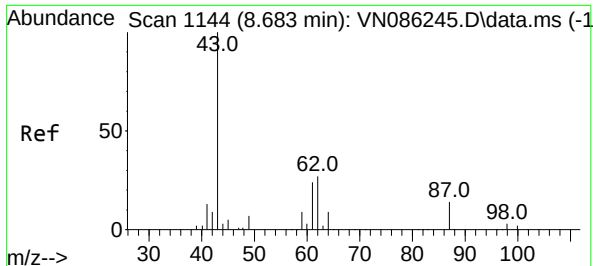
Reviewed By :John Carlone 04/16/2025
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

Tgt Ion:114 Resp: 193248
Ion Ratio Lower Upper
114 100
63 21.3 17.8 26.6
88 16.1 13.4 20.2





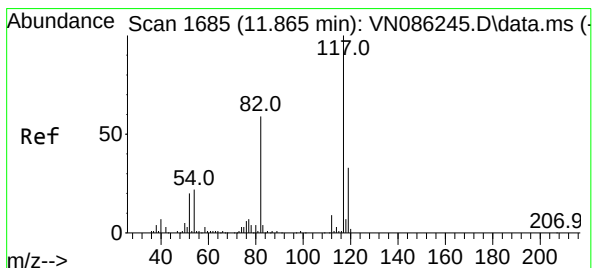
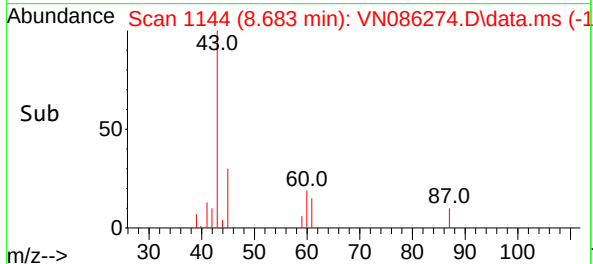
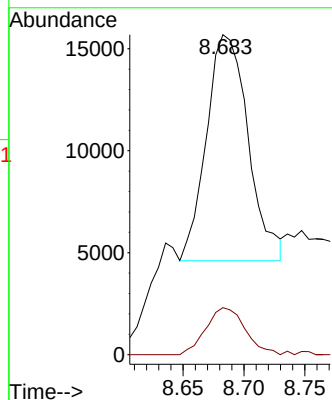
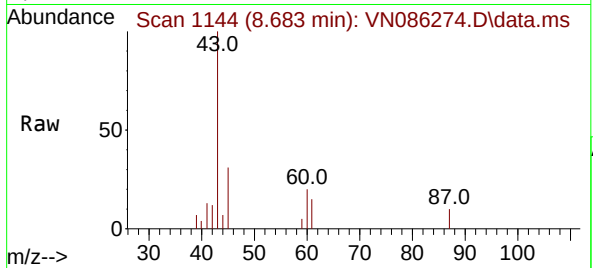
#44
Isopropyl Acetate
Concen: 3.684 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
PB167573ZHE#06

Tgt Ion: 43 Resp: 26440
Ion Ratio Lower Upper
43 100
61 19.5 20.5 30.7

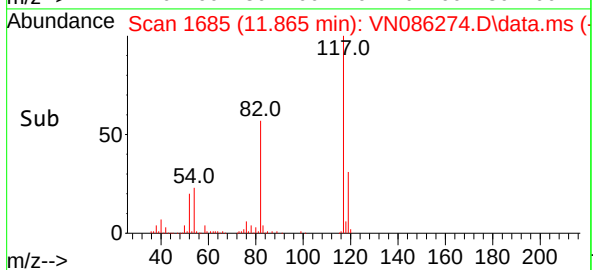
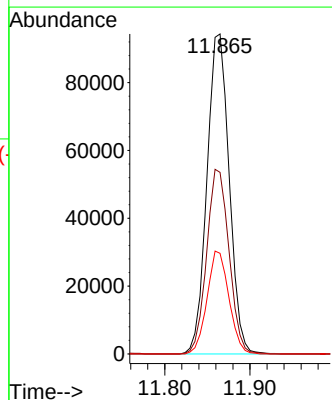
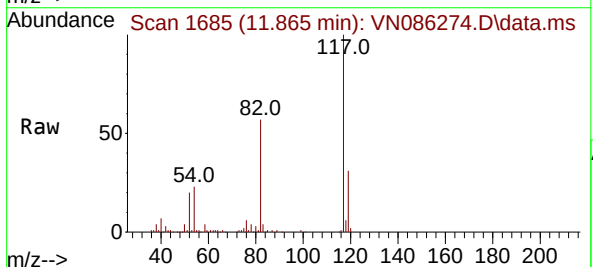
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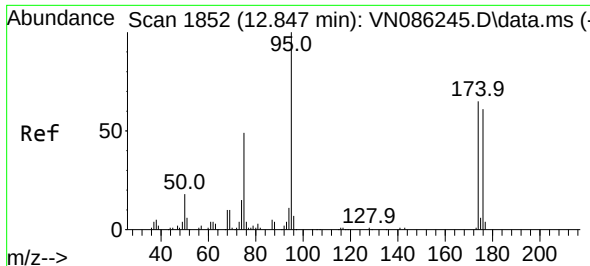
Reviewed By :John Carlone 04/16/2025
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

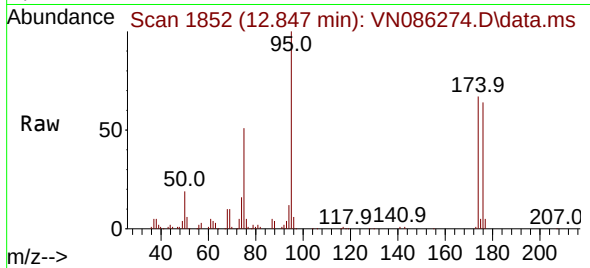
Tgt Ion:117 Resp: 170995
Ion Ratio Lower Upper
117 100
82 58.1 47.3 70.9
119 31.6 25.9 38.9





#60
4-Bromofluorobenzene
Concen: 27.896 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14

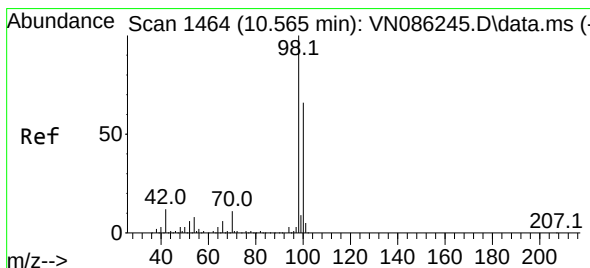
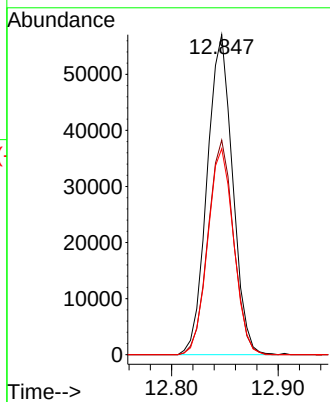
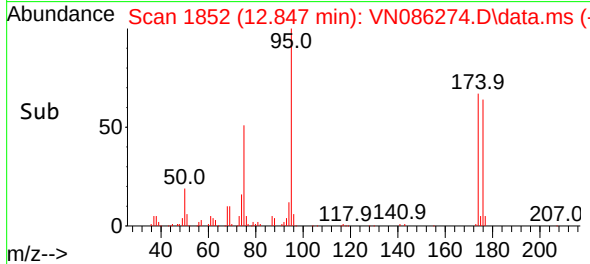
Instrument :
MSVOA_N
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PB167573ZHE#06



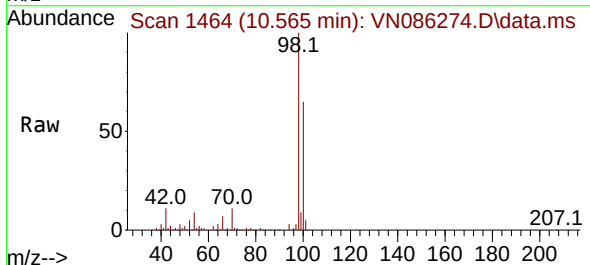
Tgt Ion: 95 Resp: 94970
Ion Ratio Lower Upper
95 100
174 67.2 52.7 79.1
176 65.3 49.8 74.8

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#63
Toluene-d8
Concen: 30.022 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086274.D
Acq: 14 Apr 2025 17:14



Tgt Ion: 98 Resp: 289822
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

