

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086655.D
 Acq On : 15 May 2025 19:13
 Operator : JC\MD
 Sample : PB167995ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#17

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

Quant Time: May 16 05:33:17 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	201087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	380727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138583	47.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.060%		
35) Dibromofluoromethane	8.165	113	115941	65.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	131.220%#		
50) Toluene-d8	10.565	98	489243	51.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.620%		
62) 4-Bromofluorobenzene	12.847	95	171082	49.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.340%		
Target Compounds						
16) Acetone	4.430	43	25278	19.819	ug/l	97
18) Methyl Acetate	5.018	43	5127m	1.465	ug/l	
20) Methylene Chloride	5.271	84	11877	4.406	ug/l #	77
25) 2-Butanone	7.482	43	9368	5.161	ug/l	100
43) Isopropyl Acetate	8.682	43	73340	9.309	ug/l #	73

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

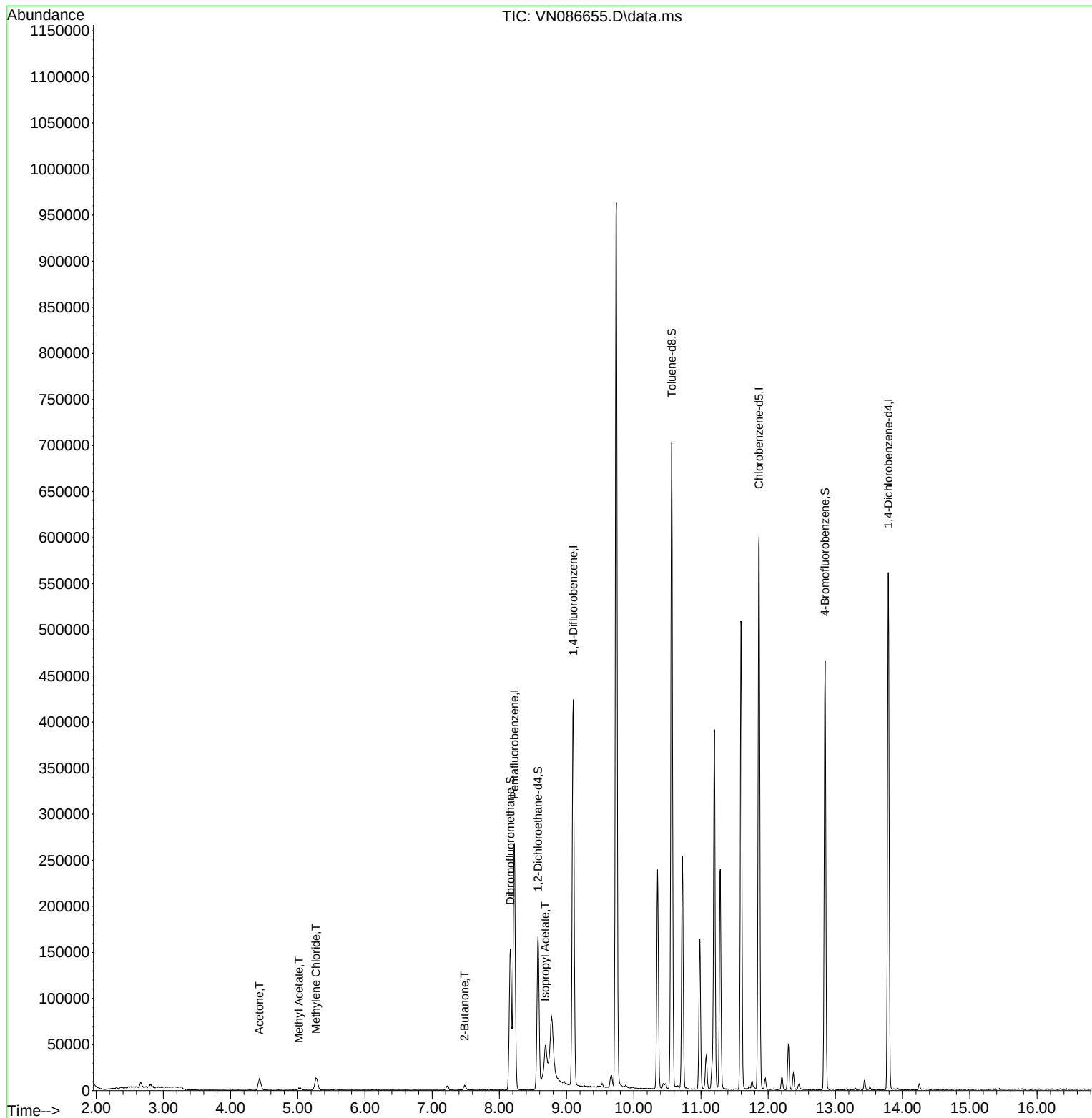
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
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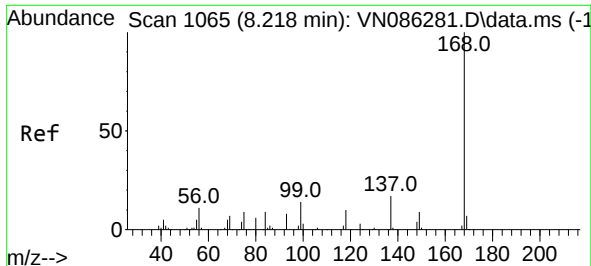
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#17

Quant Time: May 16 05:33:17 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

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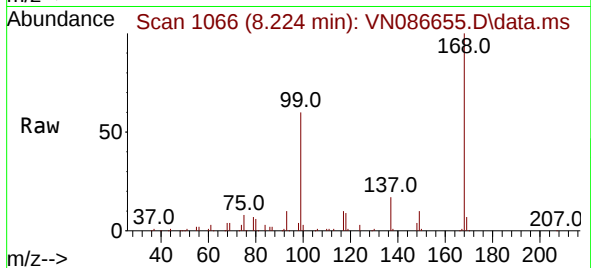
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

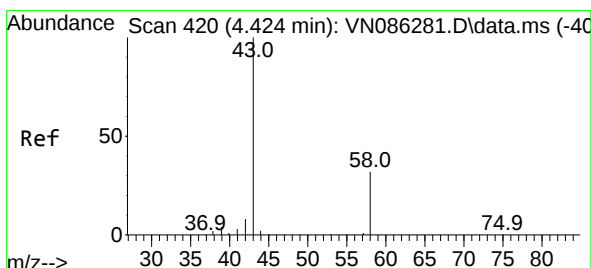
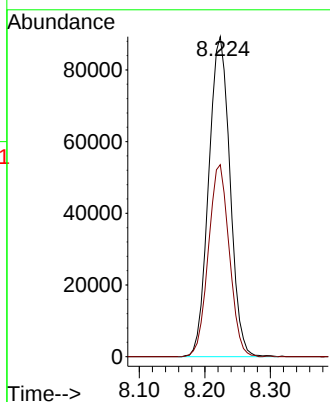
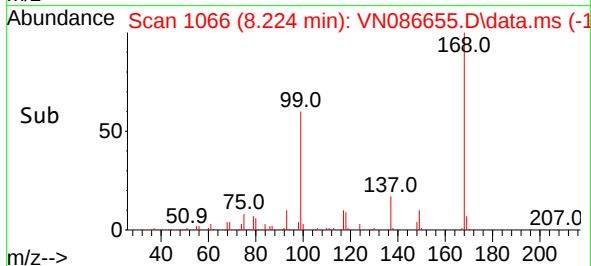
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#17



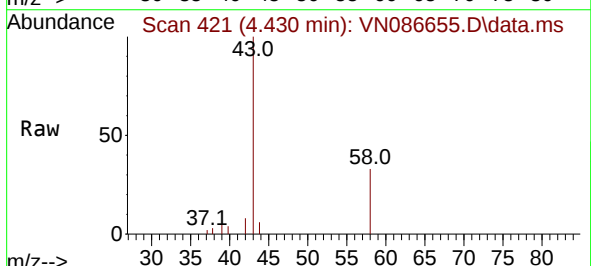
Tgt Ion:168 Resp: 20108
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7

Manual Integrations
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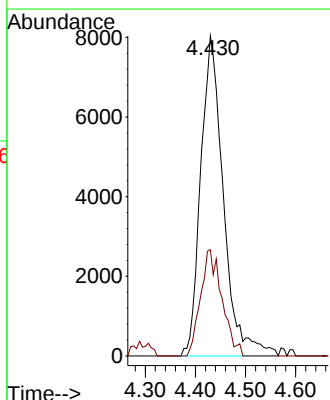
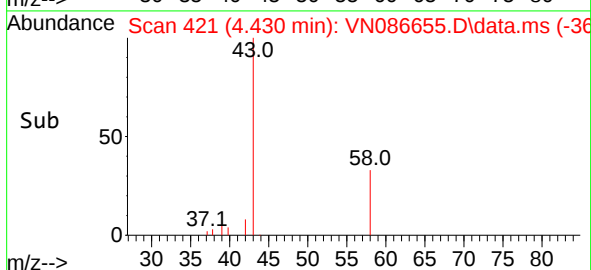
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#16
Acetone
Concen: 19.819 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13



Tgt Ion: 43 Resp: 25278
Ion Ratio Lower Upper
43 100
58 33.2 25.3 37.9





#18

Methyl Acetate

Concen: 1.465 ug/l m

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN086655.D

Acq: 15 May 2025 19:13

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#17

Tgt Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

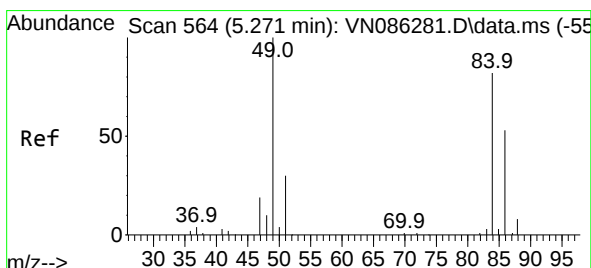
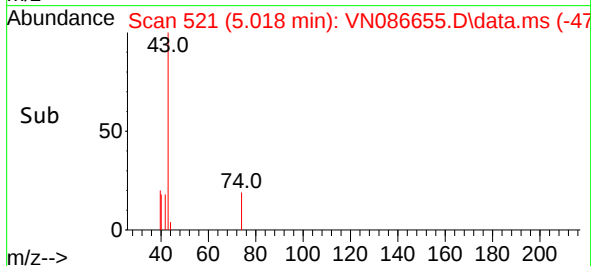
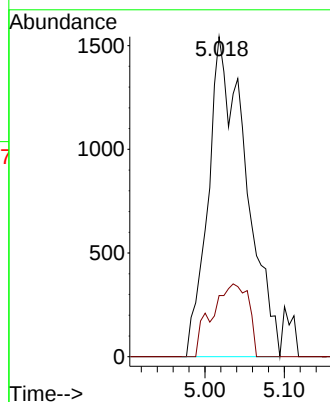
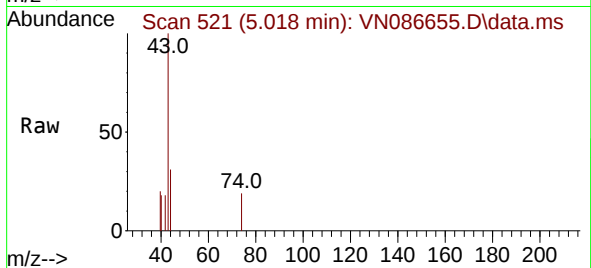
74 21.9 19.8 29.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/16/2025



#20

Methylene Chloride

Concen: 4.406 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN086655.D

Acq: 15 May 2025 19:13

Tgt Ion: 84 Resp: 11877

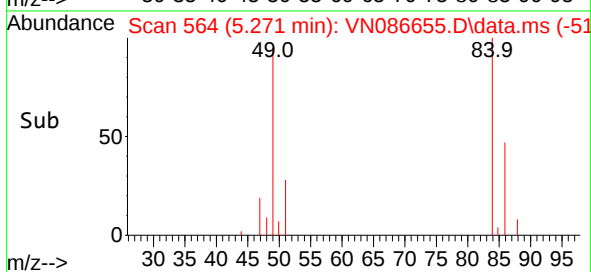
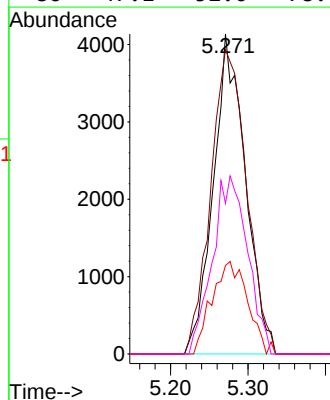
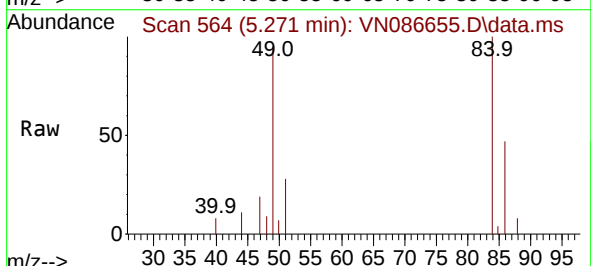
Ion Ratio Lower Upper

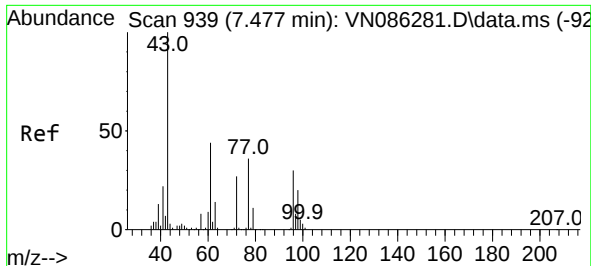
84 100

49 95.2 98.2 147.2#

51 27.7 29.8 44.6#

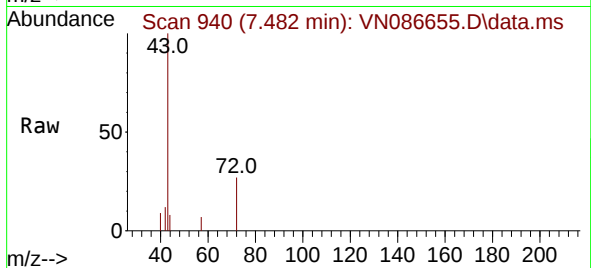
86 47.1 52.0 78.0#





#25
2-Butanone
Concen: 5.161 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

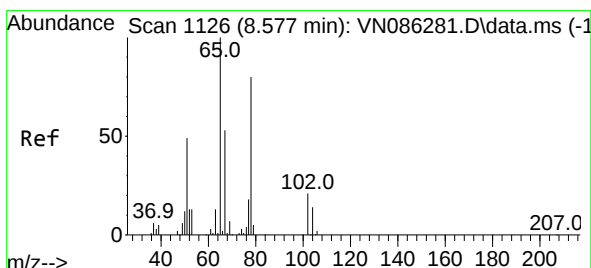
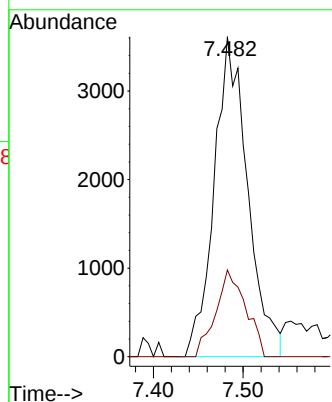
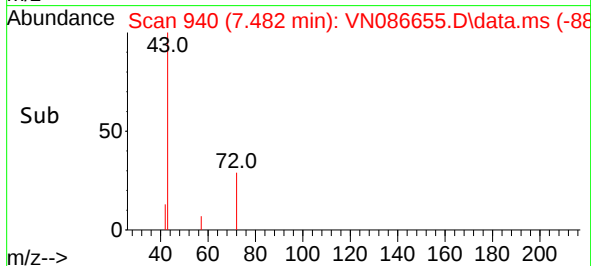
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#17



Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5

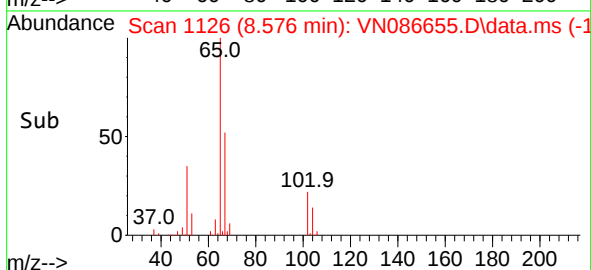
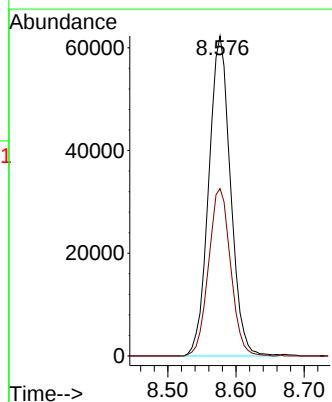
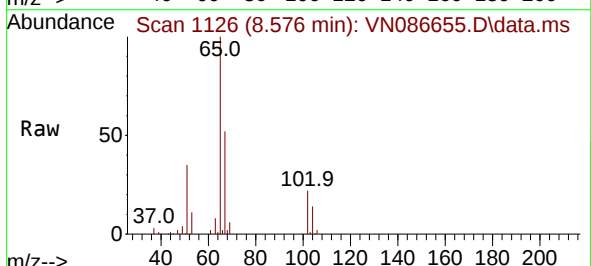
Manual Integrations
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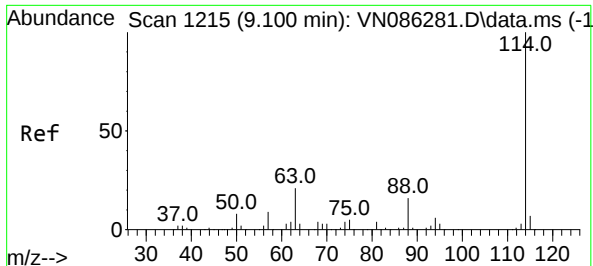
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#33
1,2-Dichloroethane-d4
Concen: 47.526 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

Tgt Ion: 65 Resp: 138583
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086655.D

Acq: 15 May 2025 19:13

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#17

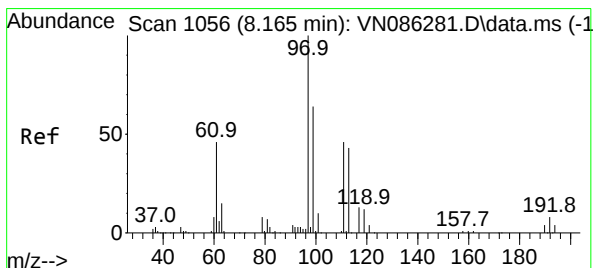
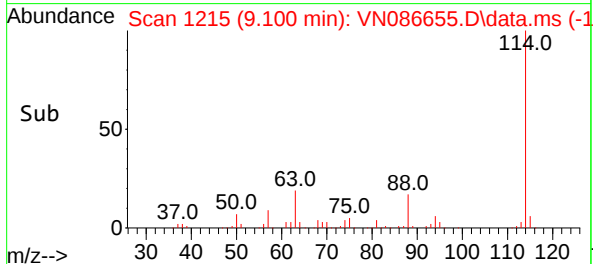
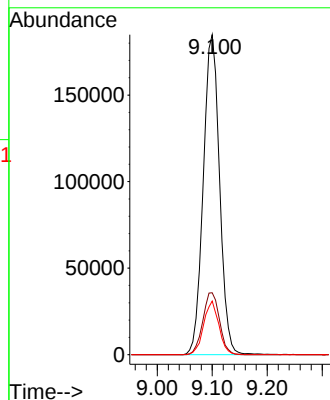
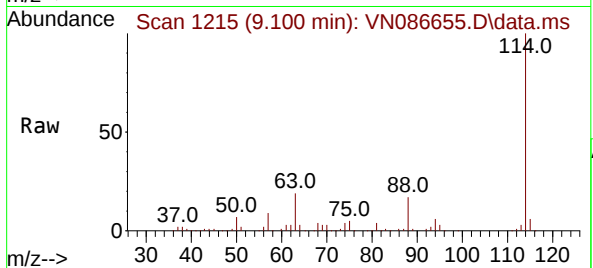
Tgt Ion:	114	Resp:	38072
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	42.6
88	16.8	0.0	31.8

Manual Integrations

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Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#35

Dibromofluoromethane

Concen: 65.614 ug/l

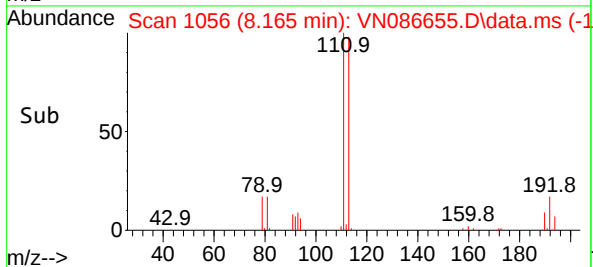
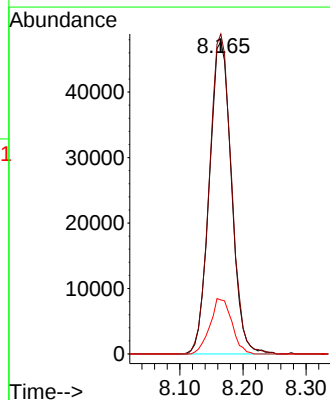
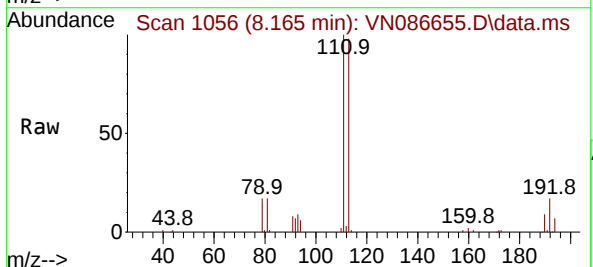
RT: 8.165 min Scan# 1056

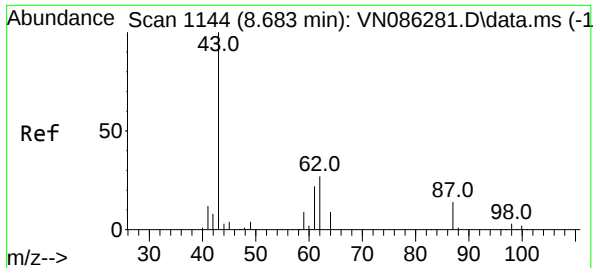
Delta R.T. -0.000 min

Lab File: VN086655.D

Acq: 15 May 2025 19:13

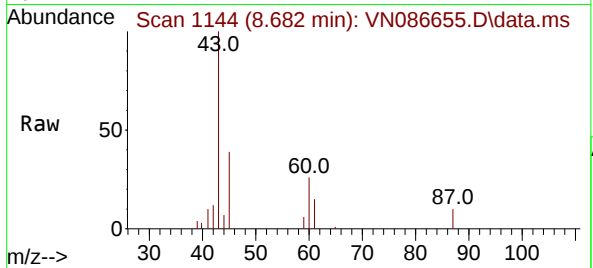
Tgt Ion:	113	Resp:	115941
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.4	125.0
192	17.5	13.7	20.5





#43
Isopropyl Acetate
Concen: 9.309 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

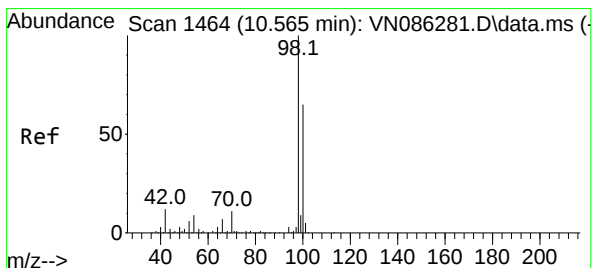
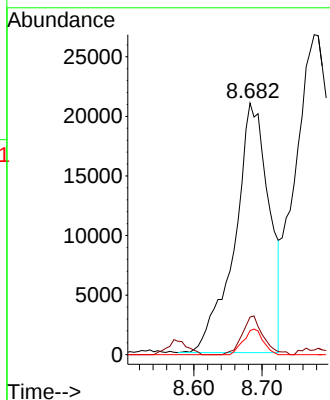
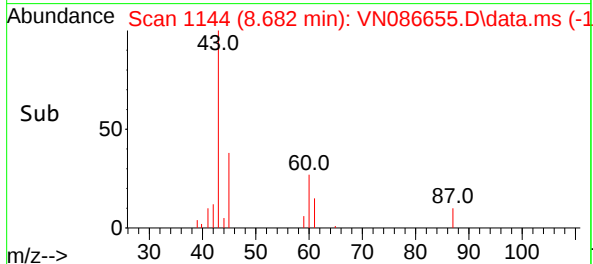
Instrument : MSVOA_N
ClientSampleId : PB167995ZHE#17



Tgt Ion: 43 Resp: 73340
Ion Ratio Lower Upper
43 100
61 9.4 20.5 30.7
87 5.8 10.5 15.7

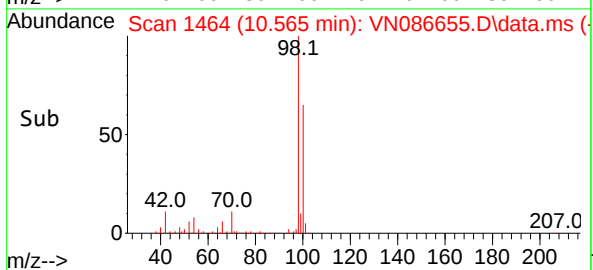
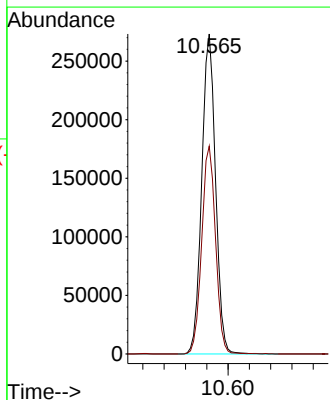
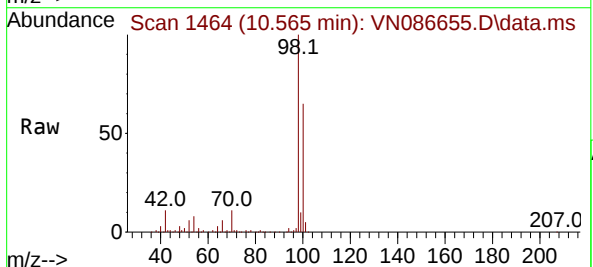
Manual Integrations
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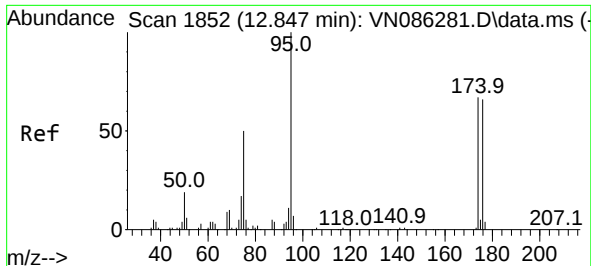
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

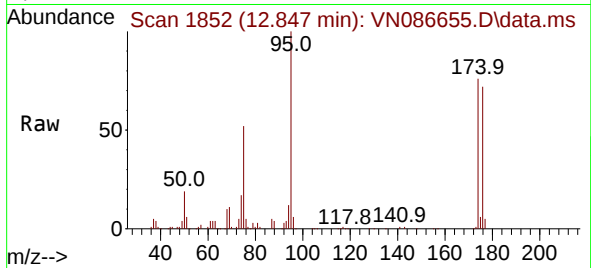
Tgt Ion: 98 Resp: 489243
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13

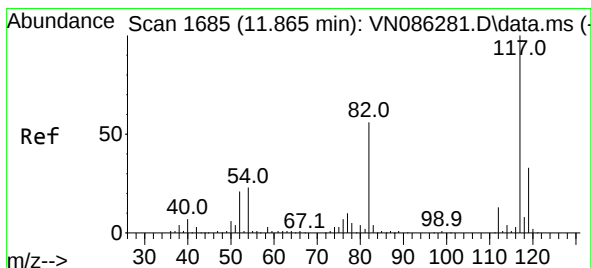
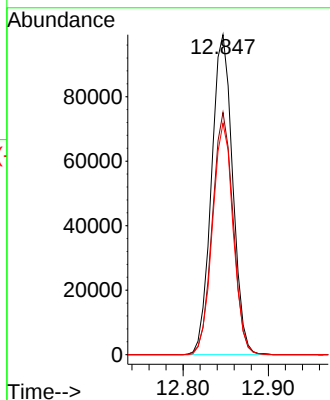
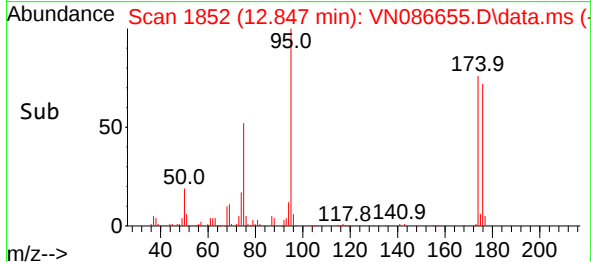
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#17



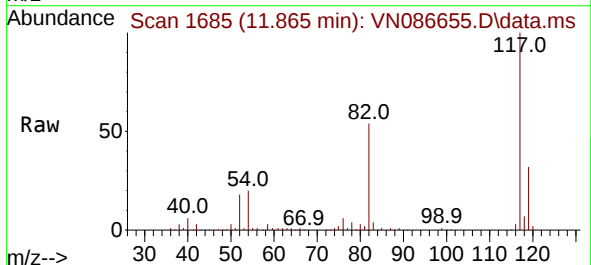
Tgt Ion: 95 Resp: 171082
Ion Ratio Lower Upper
95 100
174 74.2 0.0 133.4
176 70.9 0.0 129.2

Manual Integrations
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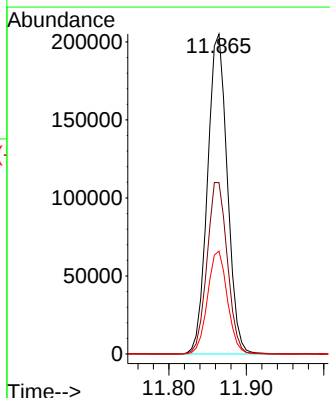
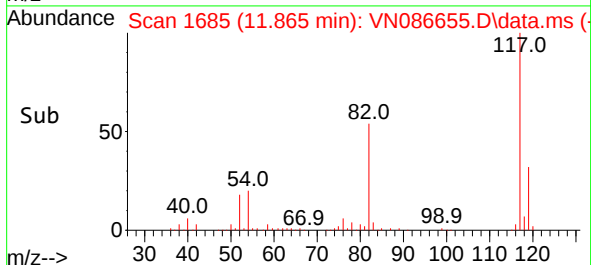
Reviewed By :John Carlone 05/16/2025
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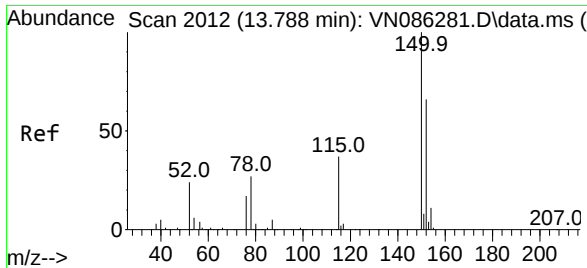


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086655.D
Acq: 15 May 2025 19:13



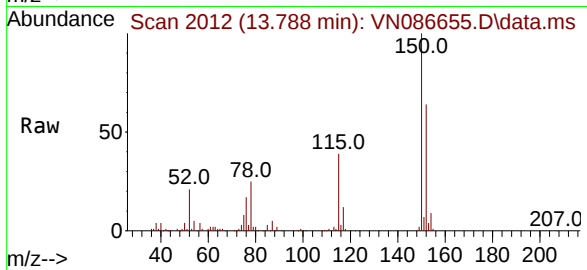
Tgt Ion:117 Resp: 364909
Ion Ratio Lower Upper
117 100
82 53.6 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086655.D
 Acq: 15 May 2025 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#17



Tgt Ion:152 Resp: 155348
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.9 95.9
 150 158.4 0.0 352.0

Manual Integrations
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