

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085891.D
 Acq On : 27 Feb 2025 15:41
 Operator : JC\MD
 Sample : Q1420-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-WC

Quant Time: Feb 28 02:02:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	224373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	405591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	151933	52.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.460%			
35) Dibromofluoromethane	8.165	113	137154	48.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.220%			
50) Toluene-d8	10.565	98	521202	50.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.847	95	167052	49.388	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.780%			
Target Compounds						Qvalue
16) Acetone	4.430	43	79567	86.445	ug/l	100
18) Methyl Acetate	5.041	43	3318m	1.048	ug/l	
20) Methylene Chloride	5.283	84	4172	1.409	ug/l	90
25) 2-Butanone	7.488	43	9330	6.890	ug/l	99
37) Ethyl Acetate	7.565	43	4090	1.245	ug/l #	87
43) Isopropyl Acetate	8.688	43	167286	28.773	ug/l #	87

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

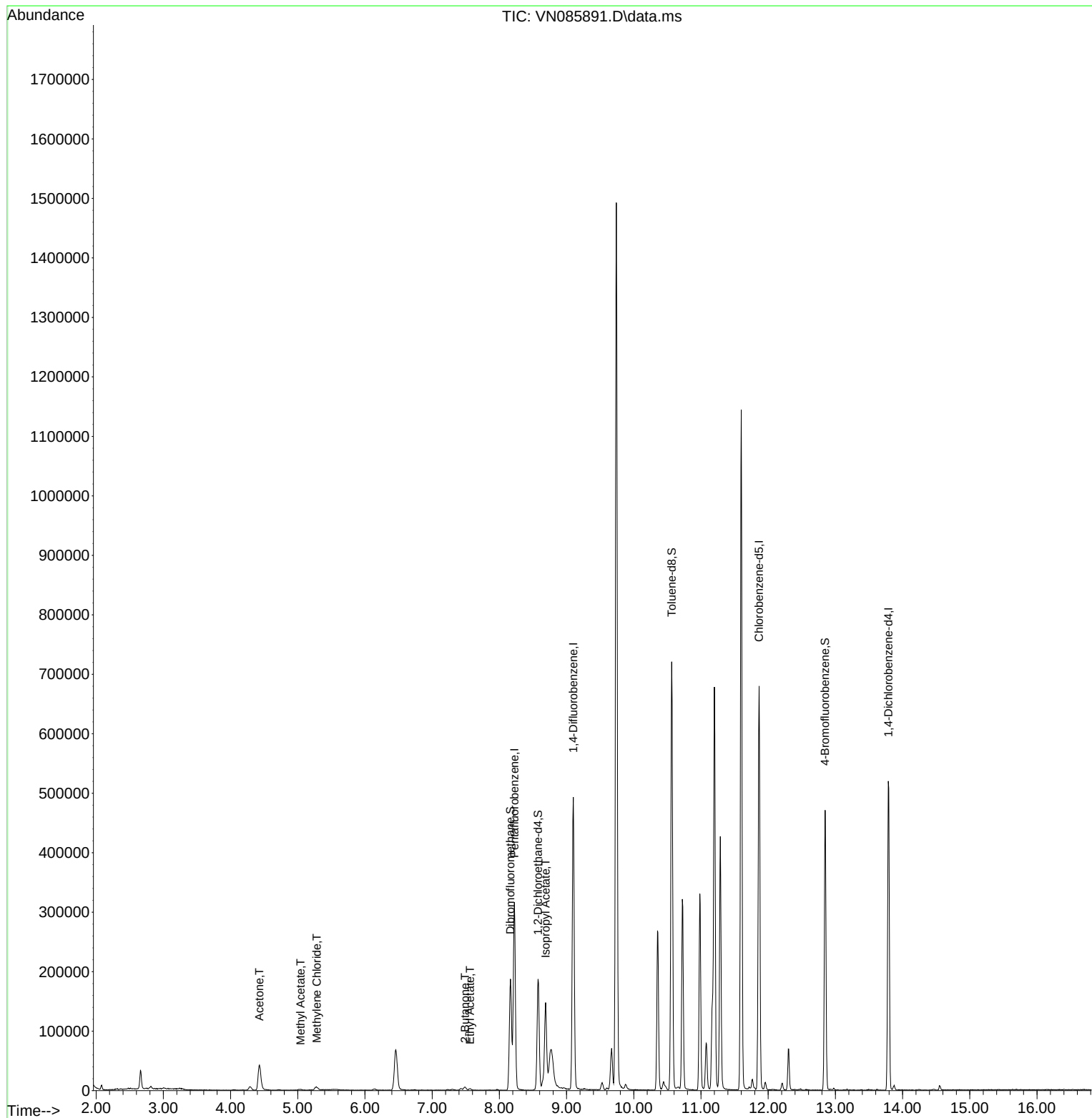
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
Data File : VN085891.D
Acq On : 27 Feb 2025 15:41
Operator : JC\MD
Sample : Q1420-04
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ALS Vial : 14 Sample Multiplier: 1

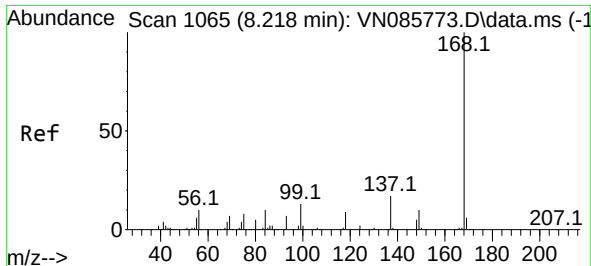
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC

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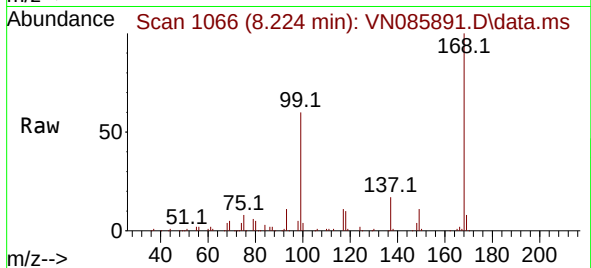
Quant Time: Feb 28 02:02:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

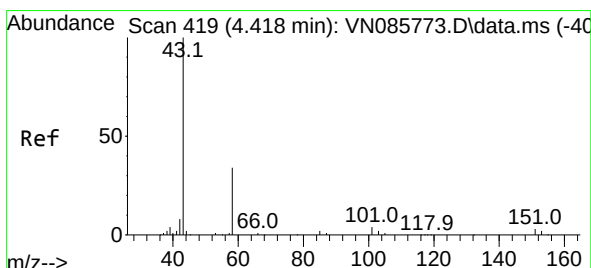
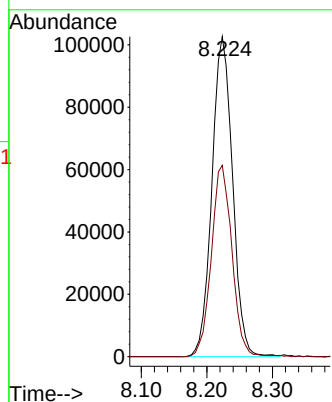
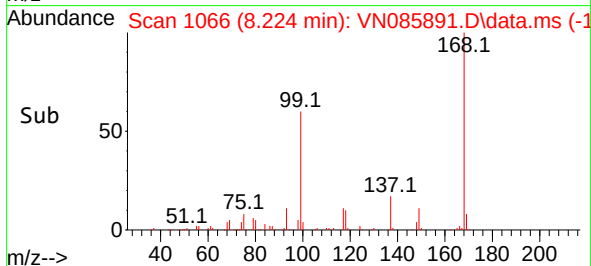
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC



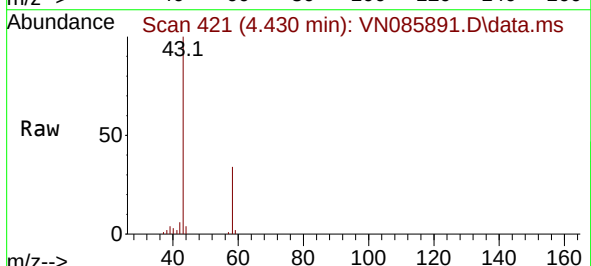
Tgt Ion:168 Resp: 22437
Ion Ratio Lower Upper
168 100
99 59.8 47.9 71.9

Manual Integrations
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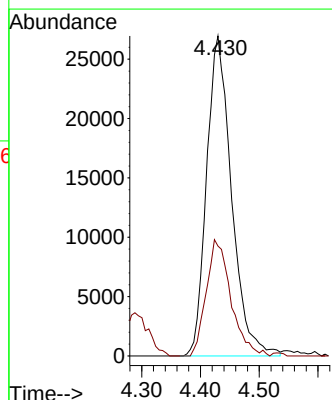
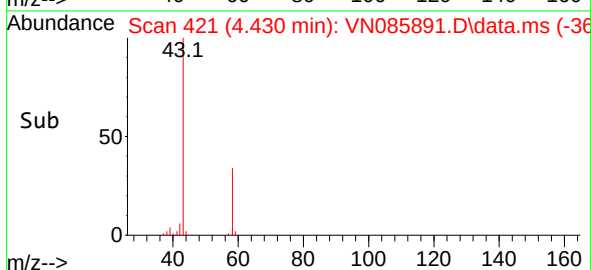
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

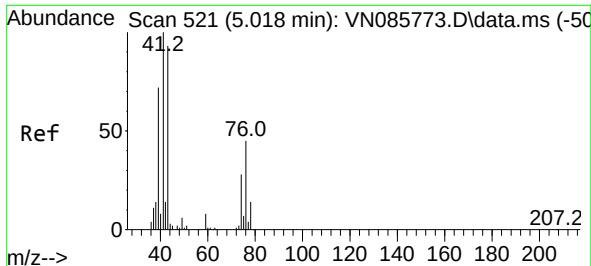


#16
Acetone
Concen: 86.445 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41



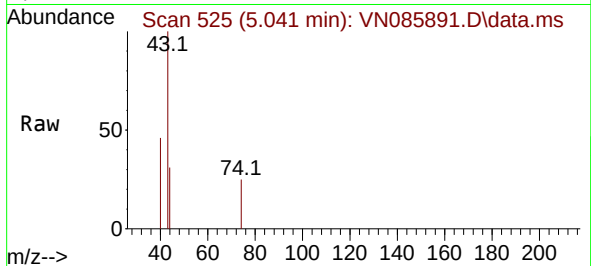
Tgt Ion: 43 Resp: 79567
Ion Ratio Lower Upper
43 100
58 34.3 27.5 41.3





#18
Methyl Acetate
Concen: 1.048 ug/l m
RT: 5.041 min Scan# 518
Delta R.T. 0.023 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

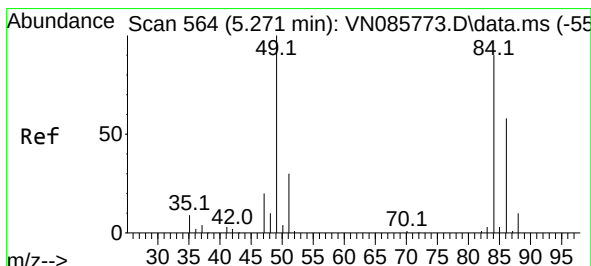
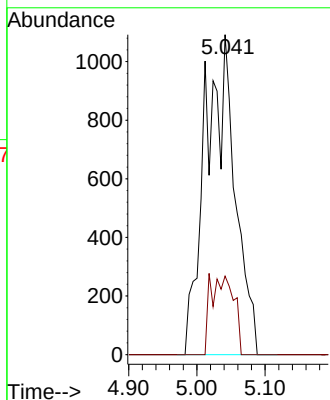
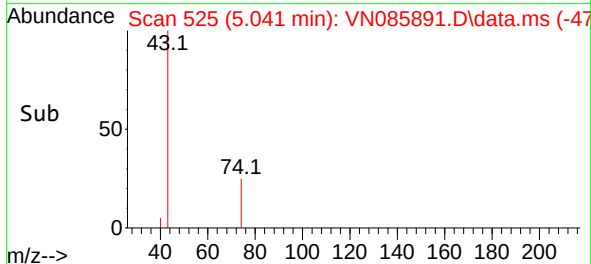
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC



Tgt Ion: 43 Resp: 3318
Ion Ratio Lower Upper
43 100
74 19.2 22.2 33.4

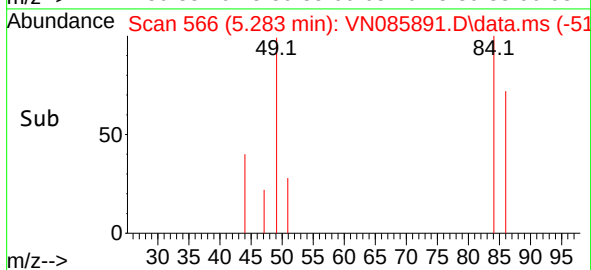
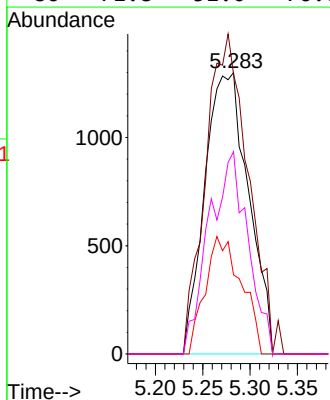
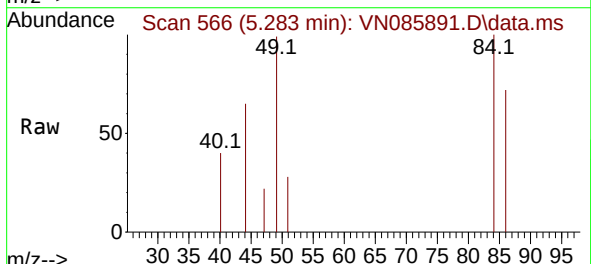
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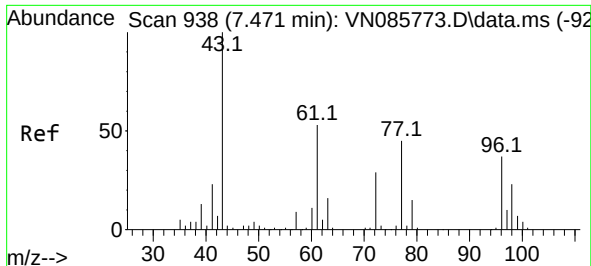
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 1.409 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

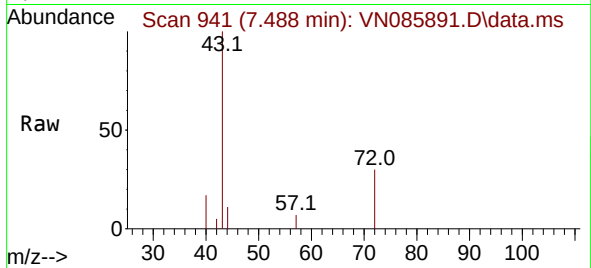
Tgt Ion: 84 Resp: 4172
Ion Ratio Lower Upper
84 100
49 99.3 88.4 132.6
51 28.1 26.6 40.0
86 71.8 51.0 76.6





#25
2-Butanone
Concen: 6.890 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

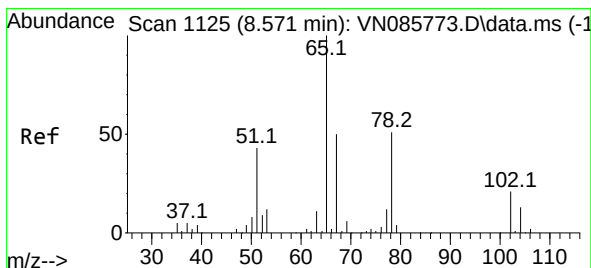
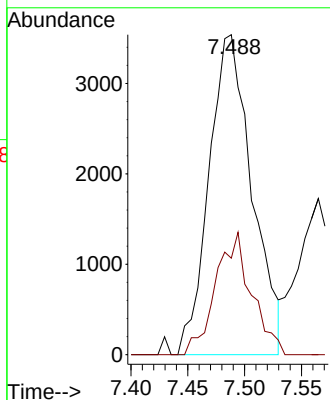
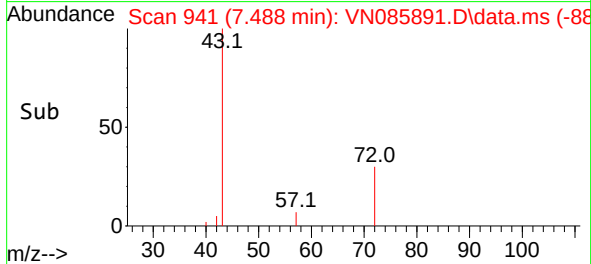
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC



Tgt Ion: 43 Resp: 9330
Ion Ratio Lower Upper
43 100
72 30.1 23.6 35.4

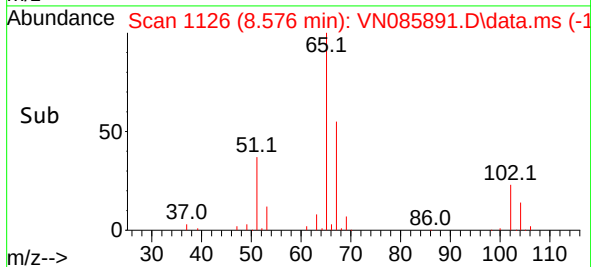
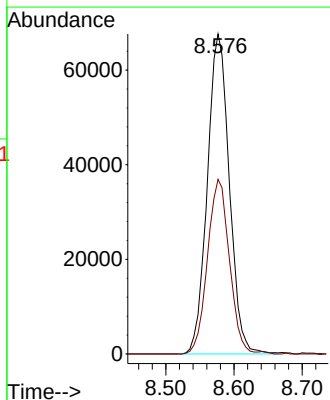
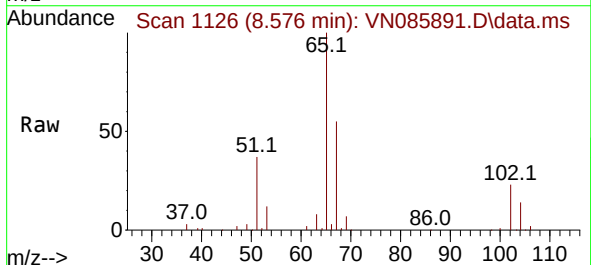
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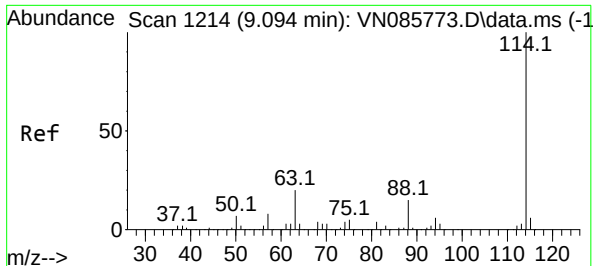
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

Tgt Ion: 65 Resp: 151933
Ion Ratio Lower Upper
65 100
67 54.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085891.D

Acq: 27 Feb 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-1-WC

Tgt Ion:114 Resp: 431218

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

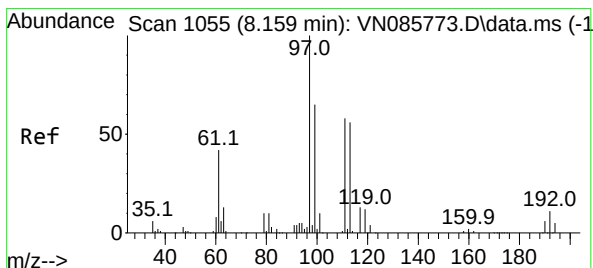
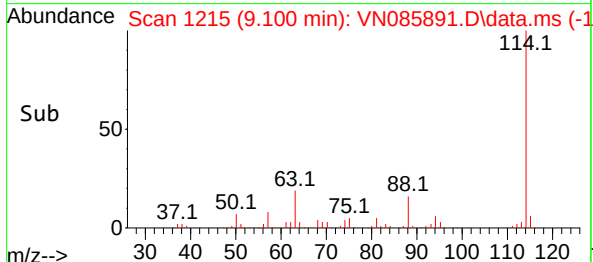
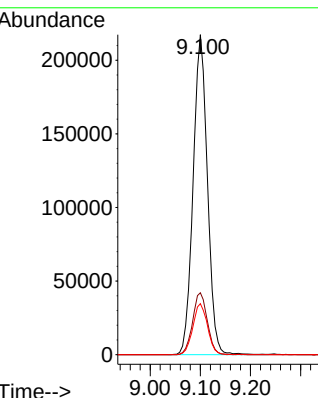
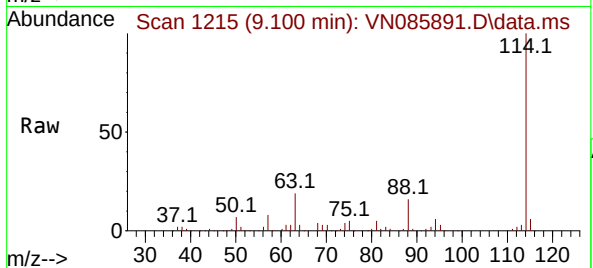
88 15.9 0.0 30.0

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#35

Dibromofluoromethane

Concen: 48.607 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085891.D

Acq: 27 Feb 2025 15:41

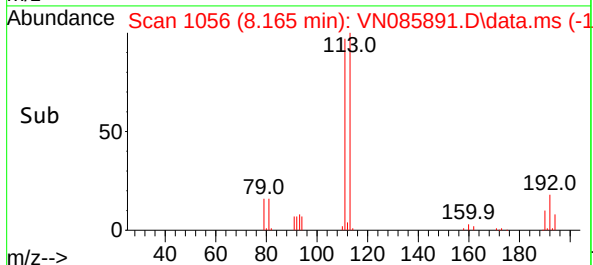
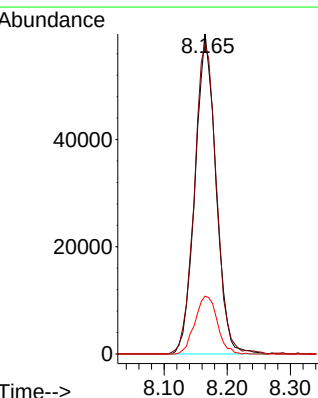
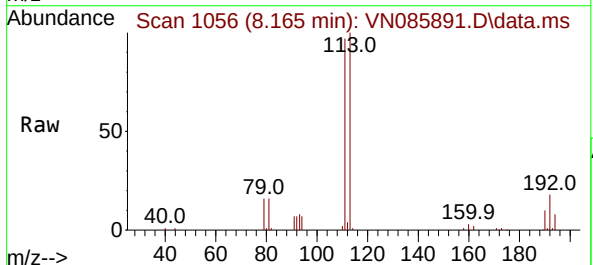
Tgt Ion:113 Resp: 137154

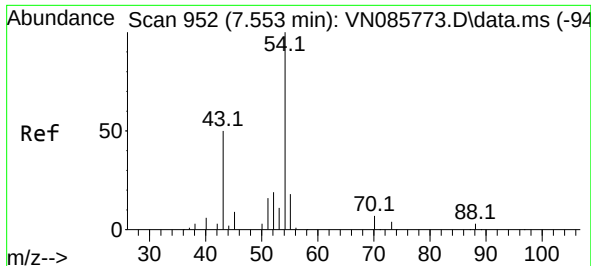
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 19.3 14.7 22.1





#37

Ethyl Acetate

Concen: 1.245 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN085891.D

Acq: 27 Feb 2025 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-1-WC

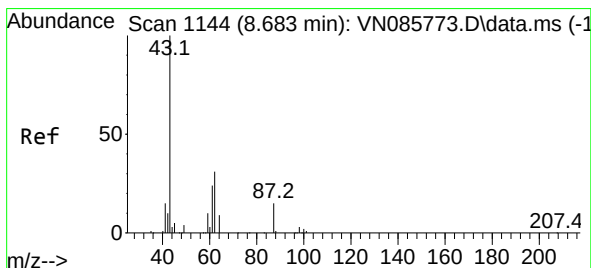
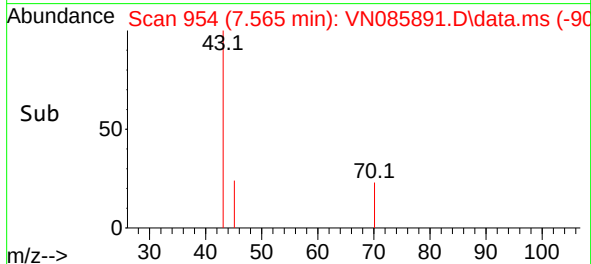
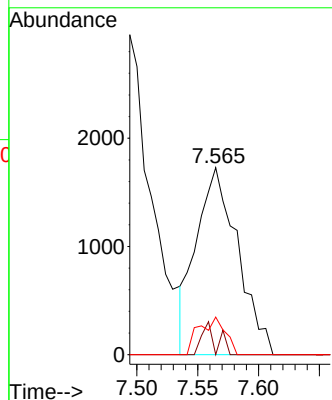
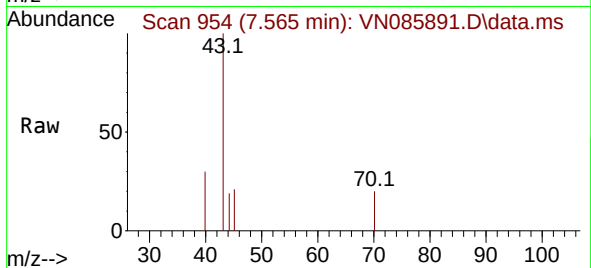
Tgt Ion: 43	Resp: 4090
Ion Ratio	Lower Upper
43 100	
61 6.1	12.2 18.2
70 12.8	9.5 14.3

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Supervised By :Mahesh Dadoda 02/28/2025



#43

Isopropyl Acetate

Concen: 28.773 ug/l

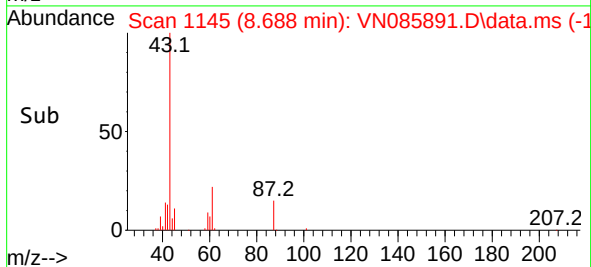
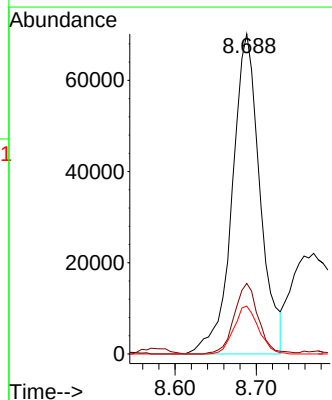
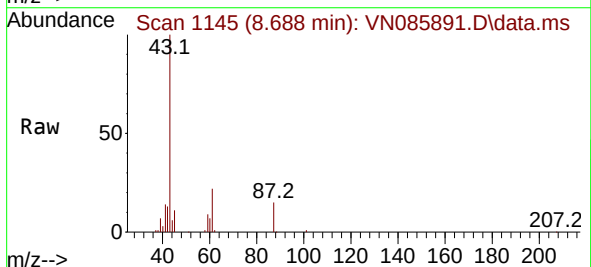
RT: 8.688 min Scan# 1145

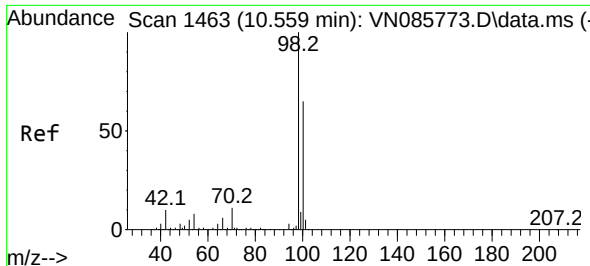
Delta R.T. 0.005 min

Lab File: VN085891.D

Acq: 27 Feb 2025 15:41

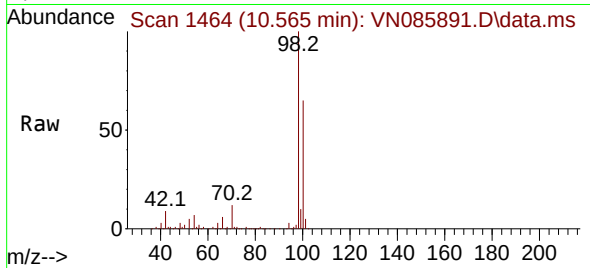
Tgt Ion: 43	Resp: 167286		
Ion Ratio	Lower	Upper	
43	100		
61	19.1	22.6	34.0#
87	13.2	11.8	17.8





#50
Toluene-d8
Concen: 50.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

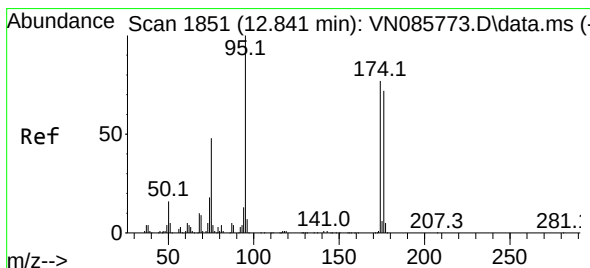
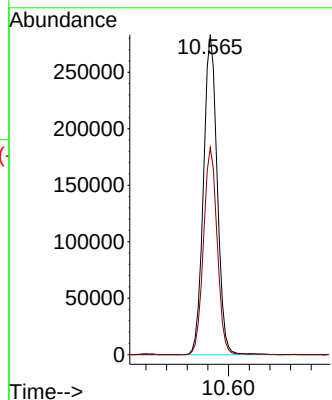
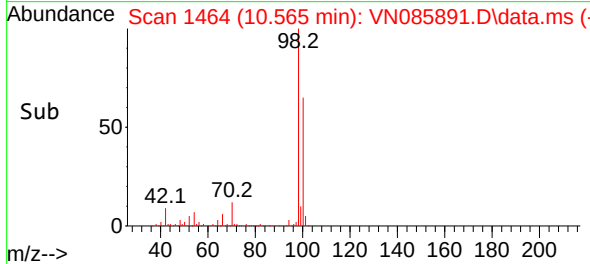
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC



Tgt Ion: 98 Resp: 52120
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

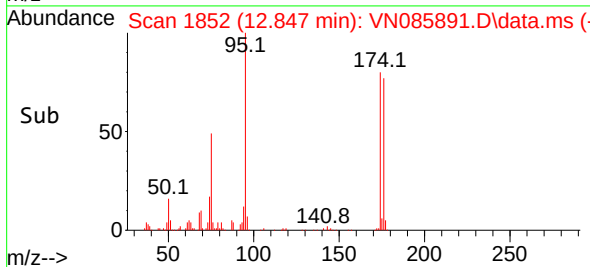
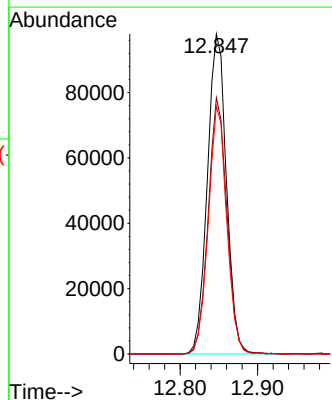
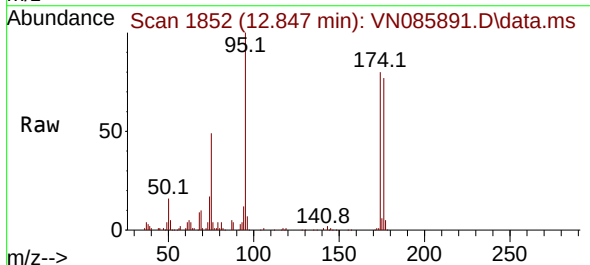
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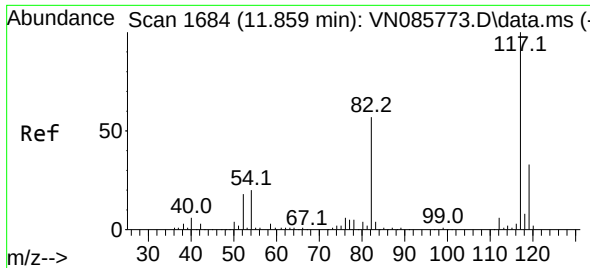
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 49.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

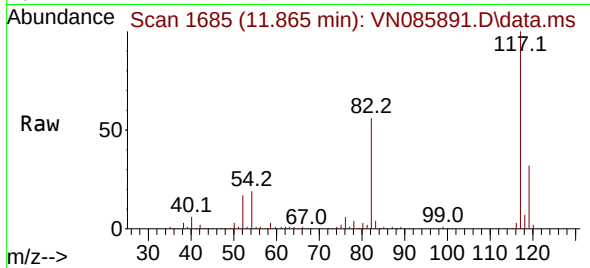
Tgt Ion: 95 Resp: 167052
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.4
176 75.0 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41

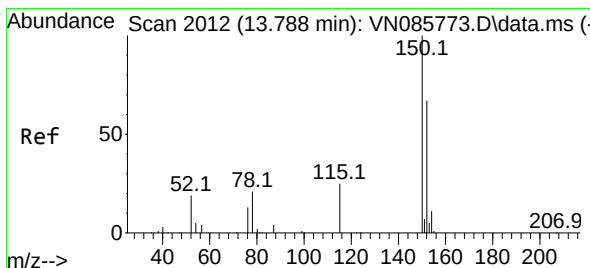
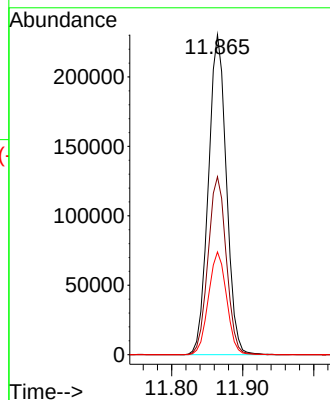
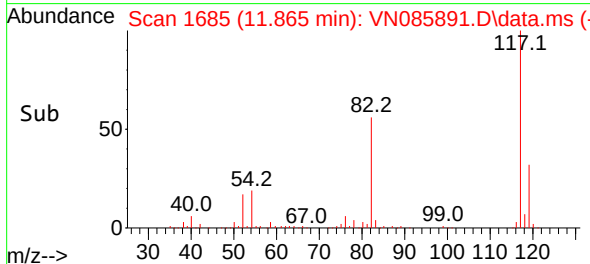
Instrument :
MSVOA_N
ClientSampleId :
TP-1-WC



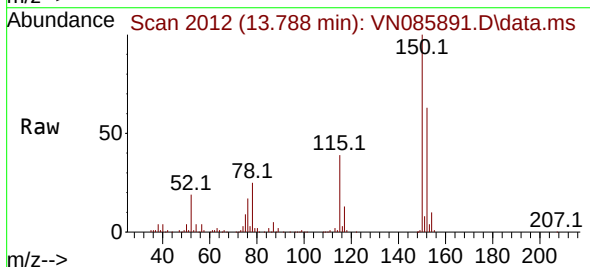
Tgt Ion:117 Resp: 405592
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 32.1 26.2 39.2

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085891.D
Acq: 27 Feb 2025 15:41



Tgt Ion:152 Resp: 153755
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 158.6 0.0 345.4

