

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086742.D
 Acq On : 21 May 2025 19:31
 Operator : JC\MD
 Sample : Q2095-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:30:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.877	168	269816m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.859	114	500057	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.806	117	489017m	50.000	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	13.776	152	206241	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	165109	44.285	ug/l	-0.32
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.560%
35) Dibromofluoromethane	7.794	113	146965	49.349	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.447	98	642319	52.047	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.818	95	231711m	53.174	ug/l	-0.03
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.340%
Target Compounds						Qvalue
16) Acetone	3.442	43	21182m	15.188	ug/l	
20) Methylene Chloride	4.301	84	7327m	1.991	ug/l	
43) Isopropyl Acetate	8.412	43	27119	3.049	ug/l #	92

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

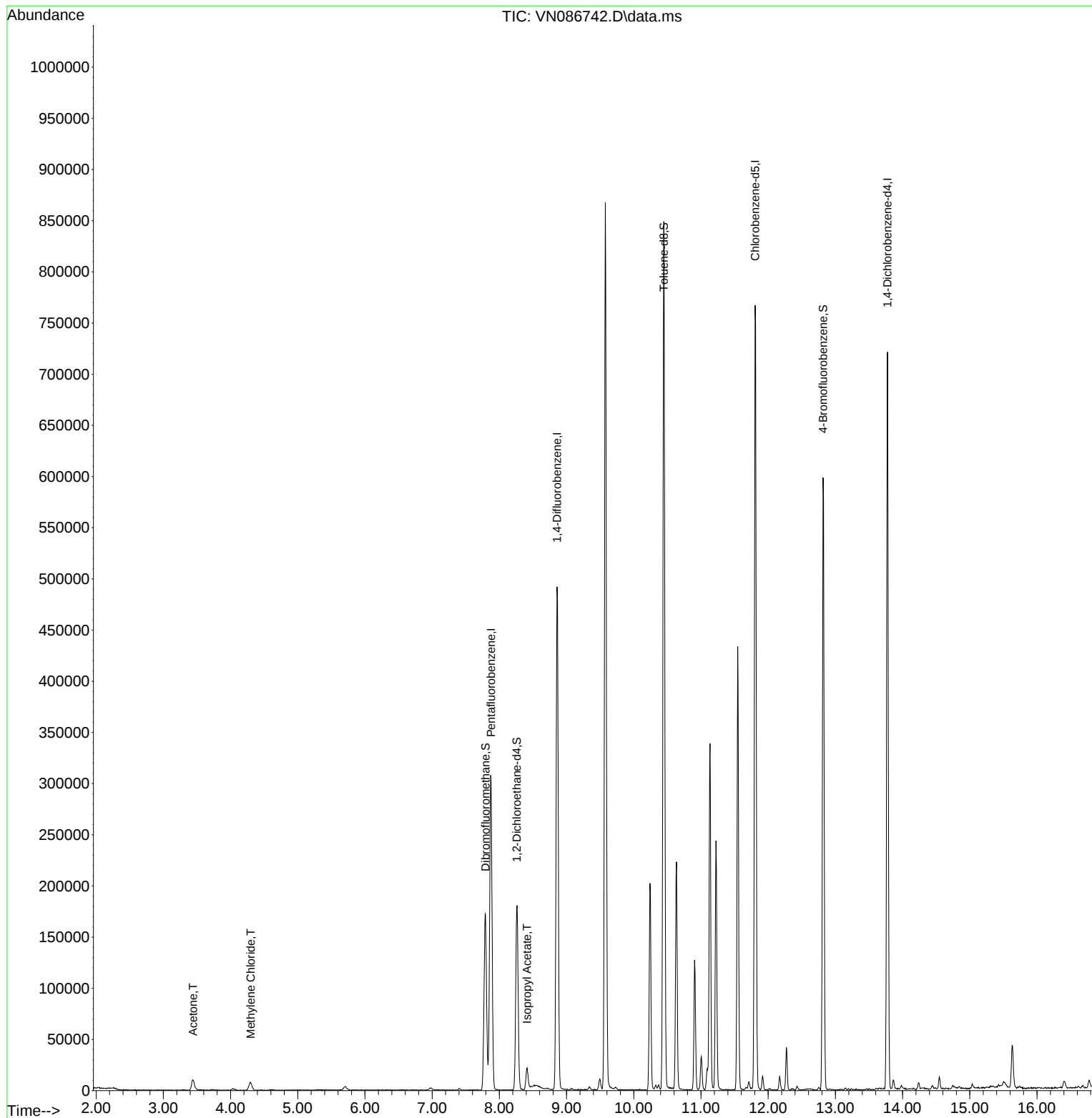
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086742.D
Acq On : 21 May 2025 19:31
Operator : JC\MD
Sample : Q2095-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

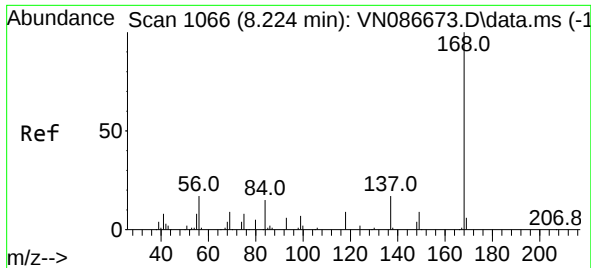
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP2

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/22/2025
Supervised By : Mahesh Dadoda 05/22/2025

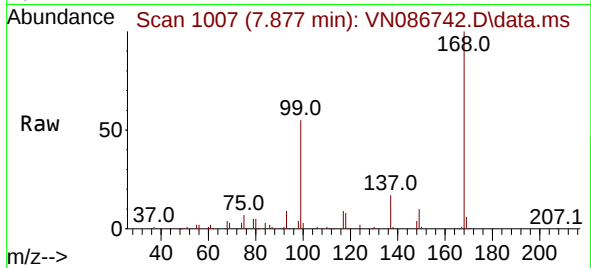
Quant Time: May 22 01:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.877 min Scan# 1066
Delta R.T. -0.347 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

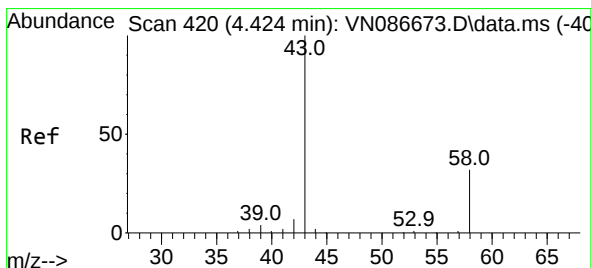
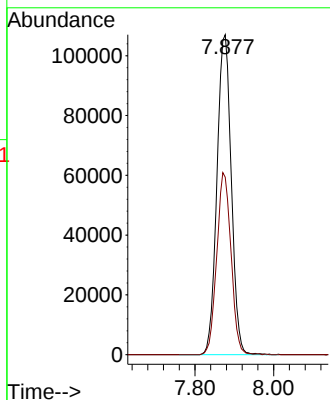
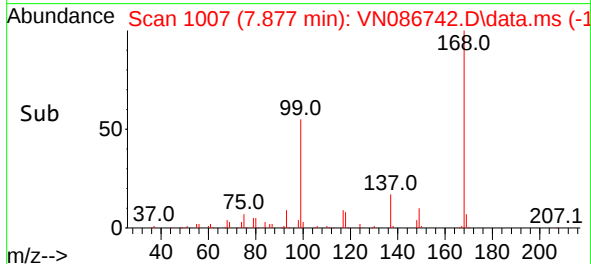
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP2



Tgt Ion:168 Resp: 269810
Ion Ratio Lower Upper
168 100
99 55.4 47.0 70.4

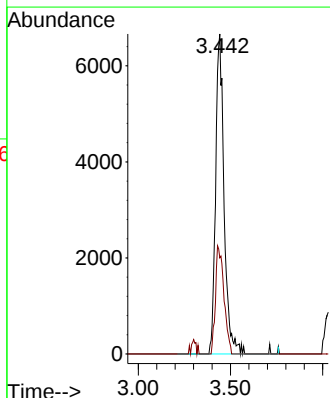
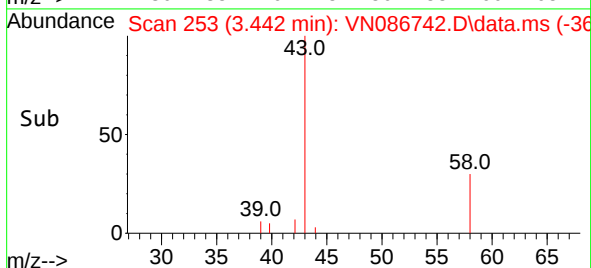
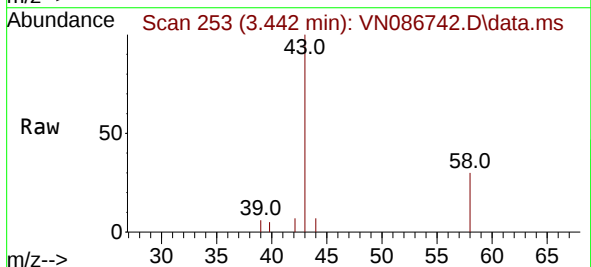
Manual Integrations
APPROVED

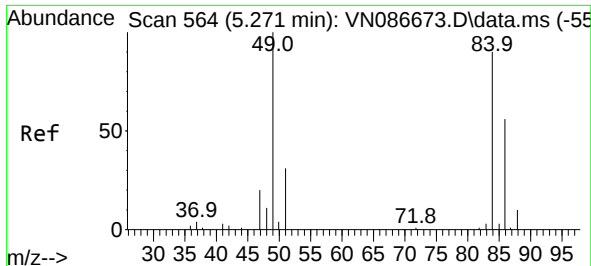
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 15.188 ug/l m
RT: 3.442 min Scan# 253
Delta R.T. -0.982 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

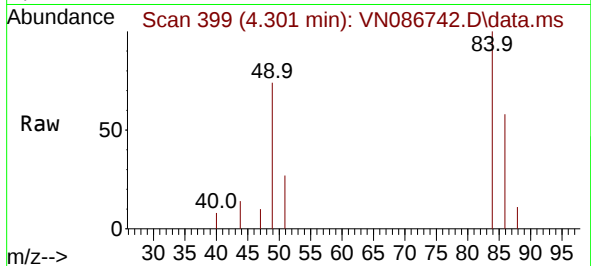
Tgt Ion: 43 Resp: 21182
Ion Ratio Lower Upper
43 100
58 30.0 25.8 38.6





#20
Methylene Chloride
Concen: 1.991 ug/l m
RT: 4.301 min Scan# 399
Delta R.T. -0.971 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

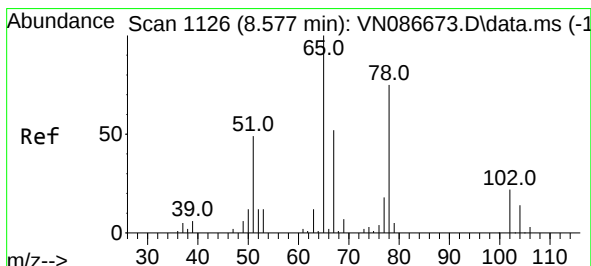
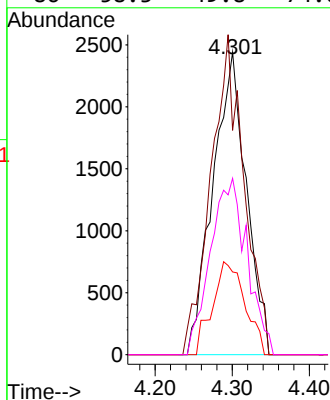
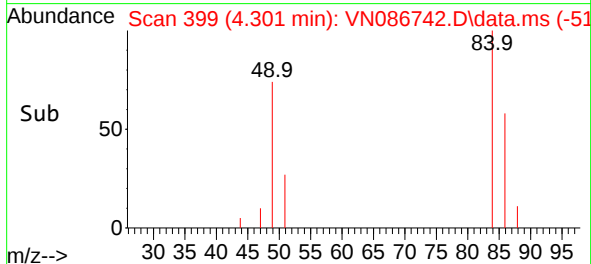
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP2



Tgt Ion: 84 Resp: 732
Ion Ratio Lower Upper
84 100
49 74.1 88.8 133.2
51 27.4 27.8 41.6
86 58.3 49.8 74.6

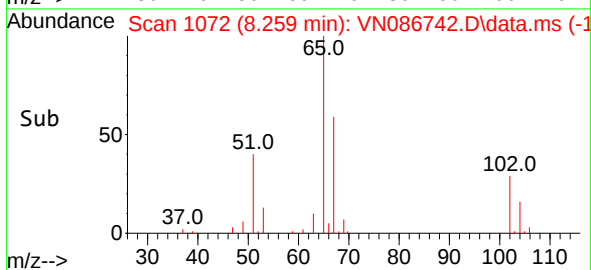
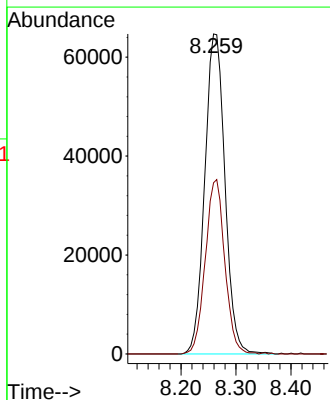
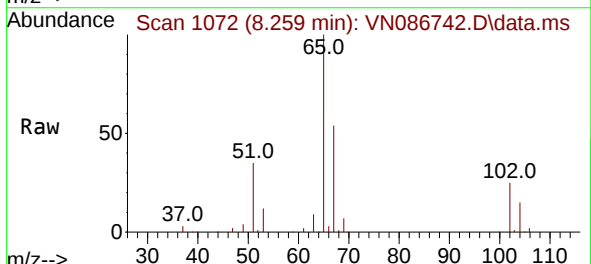
Manual Integrations
APPROVED

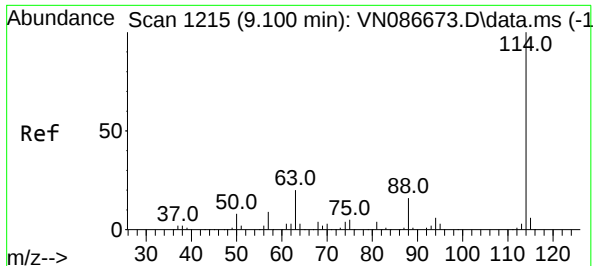
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#33
1,2-Dichloroethane-d4
Concen: 44.285 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.318 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

Tgt Ion: 65 Resp: 165109
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.241 min

Lab File: VN086742.D

Acq: 21 May 2025 19:31

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP2

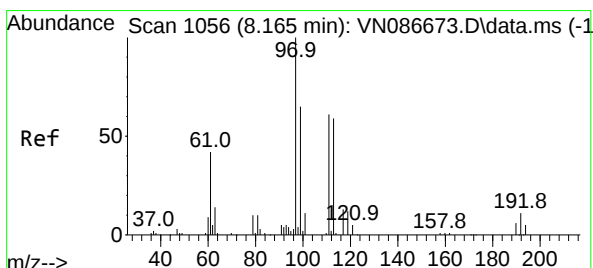
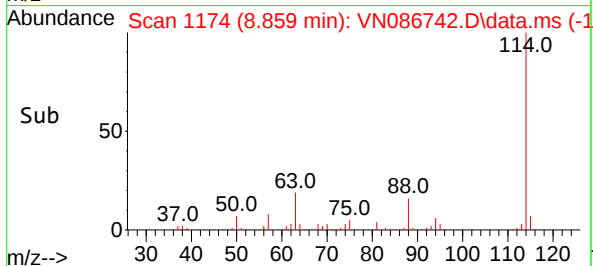
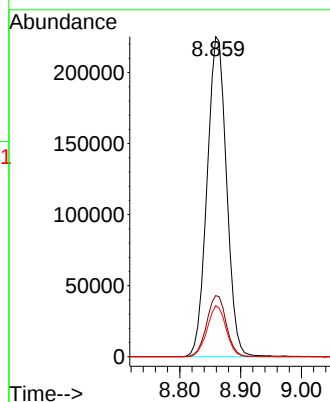
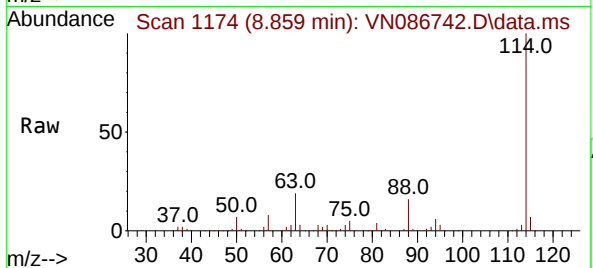
Tgt Ion:114	Resp: 50005
Ion Ratio	Lower Upper
114 100	
63 19.1	0.0 40.2
88 15.9	0.0 31.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#35

Dibromofluoromethane

Concen: 49.349 ug/l

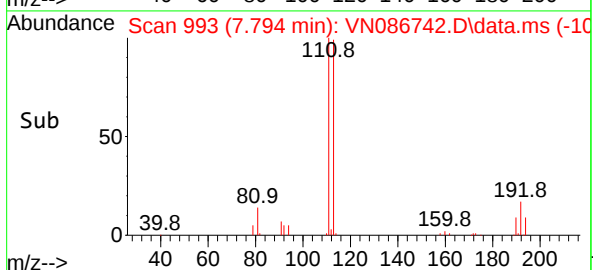
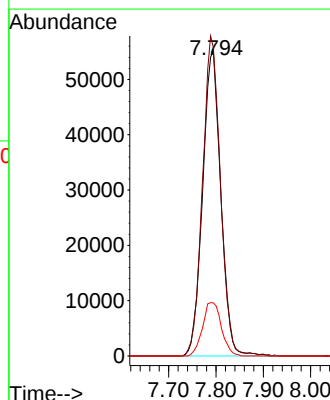
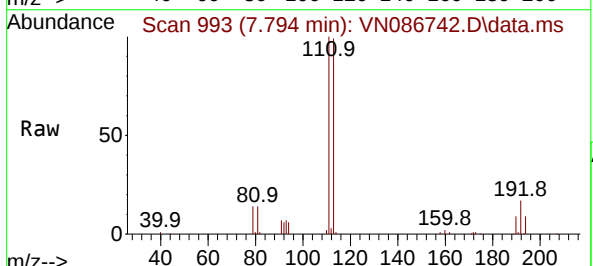
RT: 7.794 min Scan# 993

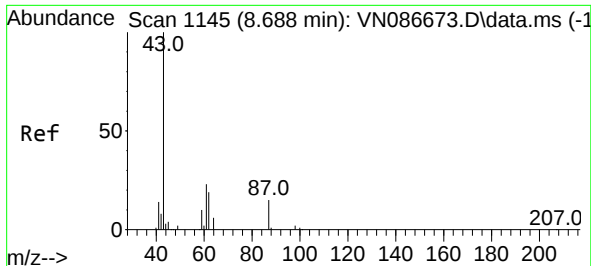
Delta R.T. -0.371 min

Lab File: VN086742.D

Acq: 21 May 2025 19:31

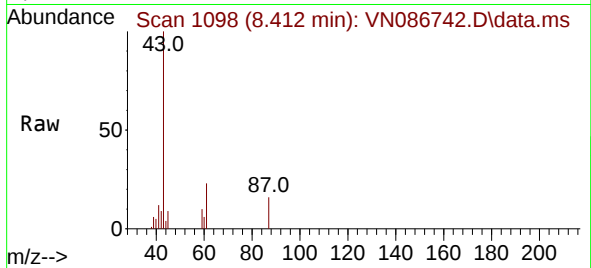
Tgt Ion:113	Resp: 146965
Ion Ratio	Lower Upper
113 100	
111 103.1	82.2 123.2
192 18.2	13.8 20.8





#43
Isopropyl Acetate
Concen: 3.049 ug/l
RT: 8.412 min Scan# 1098
Delta R.T. -0.276 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

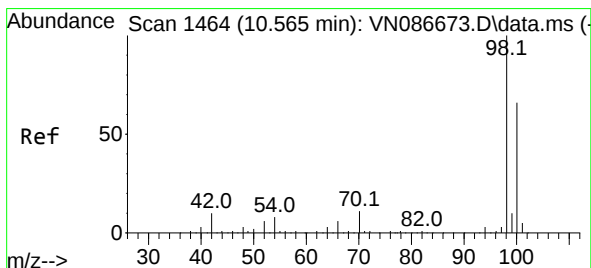
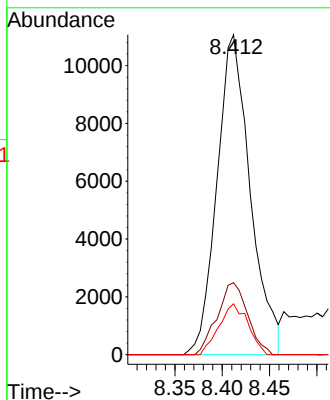
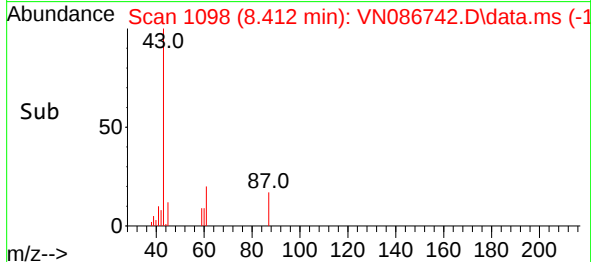
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP2



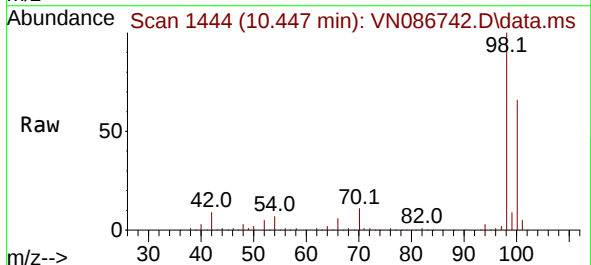
Tgt Ion: 43 Resp: 27119
Ion Ratio Lower Upper
43 100
61 20.6 21.4 32.2
87 13.8 11.1 16.7

Manual Integrations
APPROVED

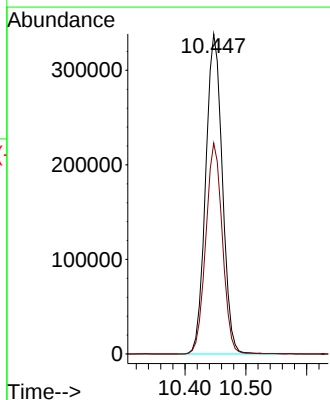
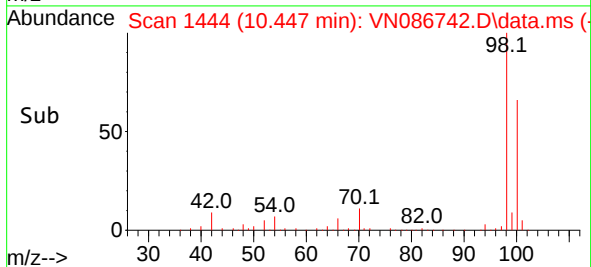
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

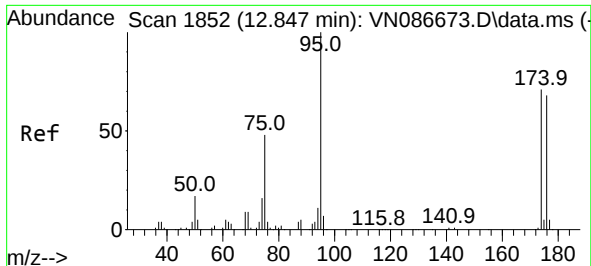


#50
Toluene-d8
Concen: 52.047 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.118 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31



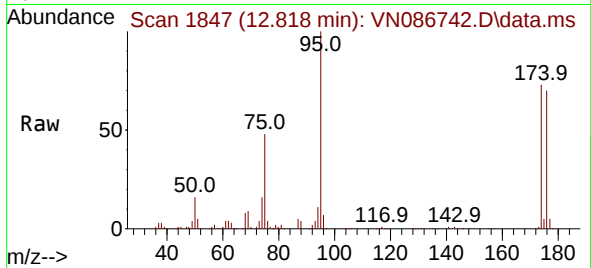
Tgt Ion: 98 Resp: 642319
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 53.174 ug/l m
RT: 12.818 min Scan# 1852
Delta R.T. -0.029 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31

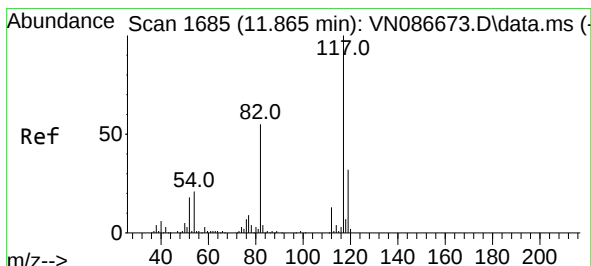
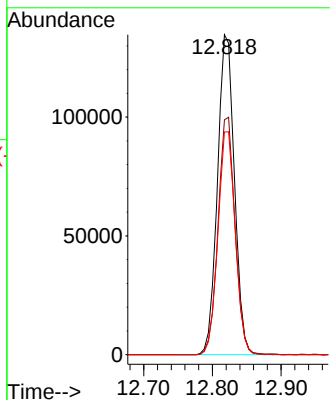
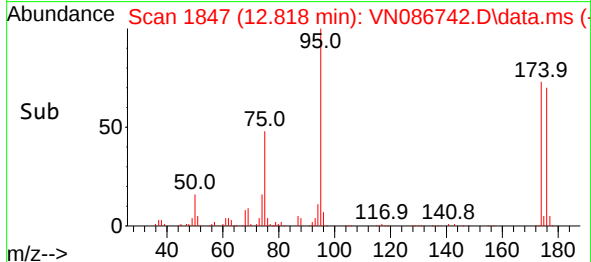
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP2



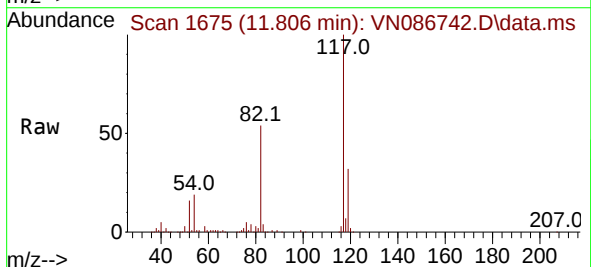
Tgt Ion: 95 Resp: 23171
Ion Ratio Lower Upper
95 100
174 0.0 0.0 145.4
176 0.0 0.0 137.8

Manual Integrations
APPROVED

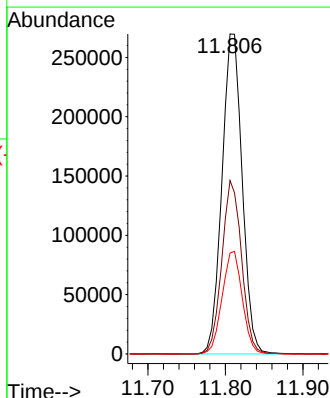
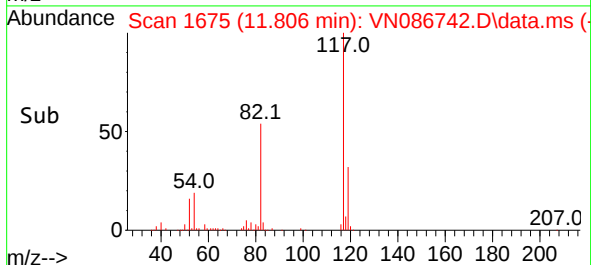
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

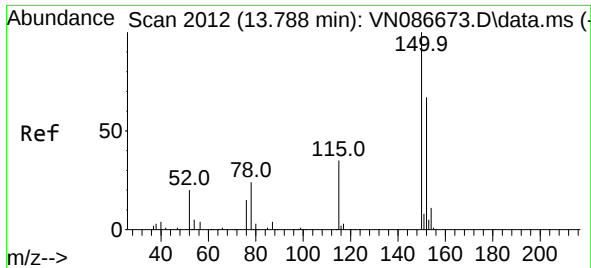


#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.806 min Scan# 1675
Delta R.T. -0.059 min
Lab File: VN086742.D
Acq: 21 May 2025 19:31



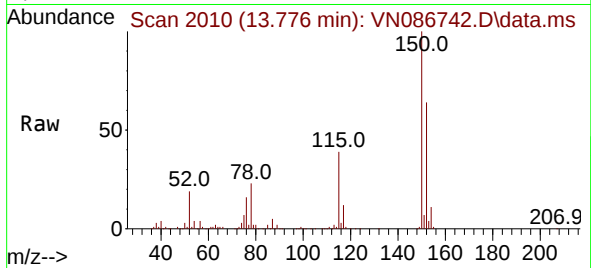
Tgt Ion:117 Resp: 489017
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.776 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN086742.D
 Acq: 21 May 2025 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP2



Tgt Ion:152 Resp: 20624
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.0 90.1
 150 157.2 0.0 347.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

