

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086469.D
 Acq On : 02 May 2025 17:30
 Operator : JC\MD
 Sample : PB167816ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:17:21 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	150775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106624	48.768	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.540%		
35) Dibromofluoromethane	8.165	113	73024	55.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.720%		
50) Toluene-d8	10.565	98	366596	52.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.000%		
62) 4-Bromofluorobenzene	12.847	95	123120	47.885	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.780%		
Target Compounds						
16) Acetone	4.430	43	27053	30.784	ug/l	99
20) Methylene Chloride	5.277	84	5472	2.707	ug/l #	84
43) Isopropyl Acetate	8.688	43	32354m	4.720	ug/l	

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

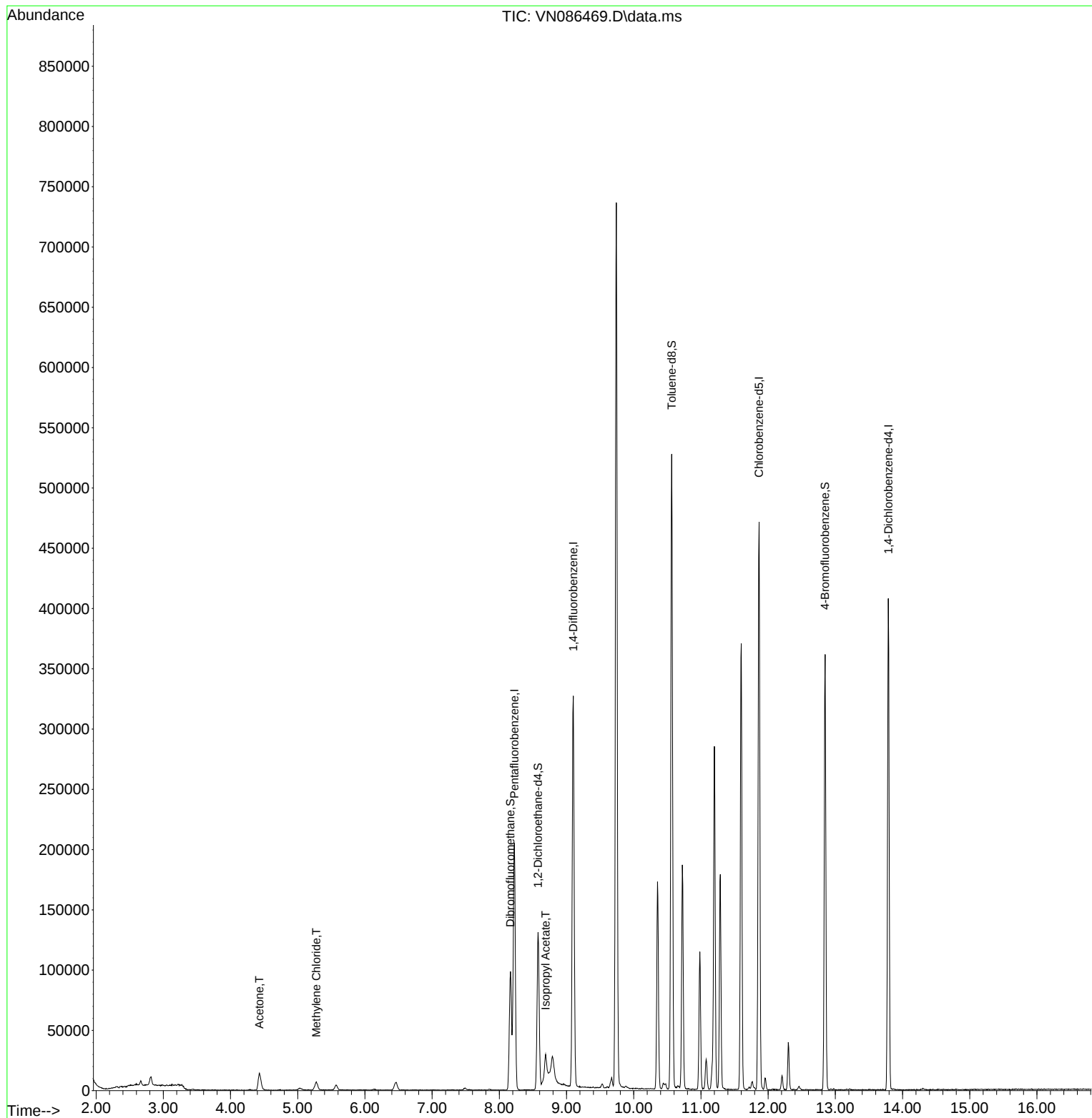
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086469.D
Acq On : 02 May 2025 17:30
Operator : JC\MD
Sample : PB167816ZHE#14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

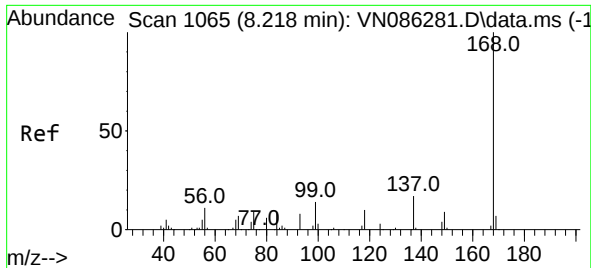
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#14

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

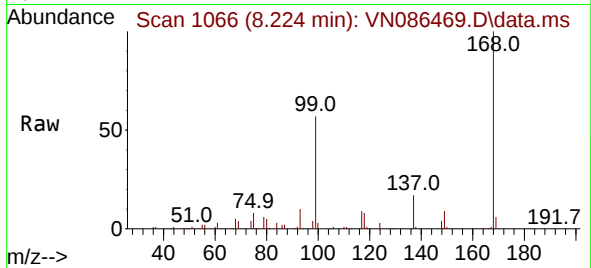
Quant Time: May 02 23:17:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

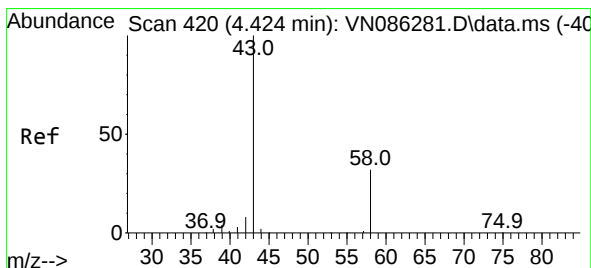
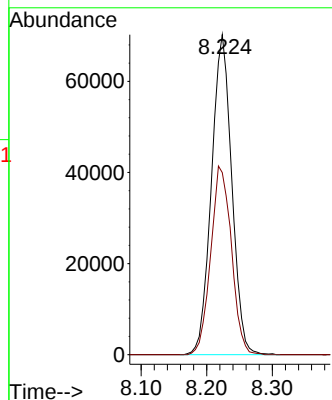
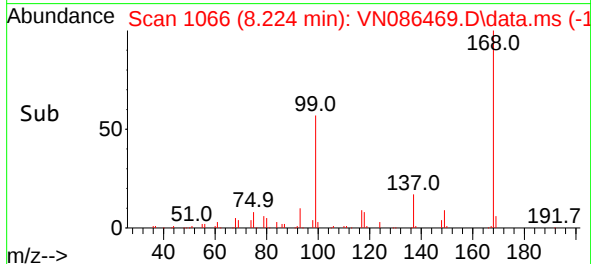
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#14



Tgt Ion:168 Resp: 150775
Ion Ratio Lower Upper
168 100
99 56.9 52.5 78.7

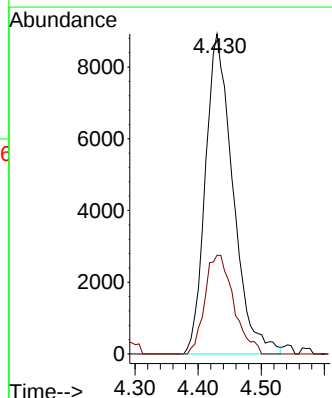
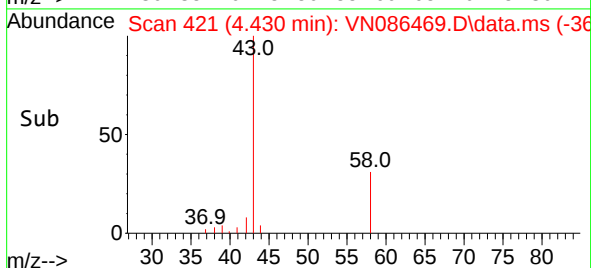
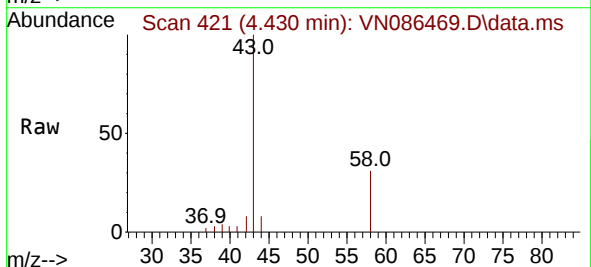
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 30.784 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

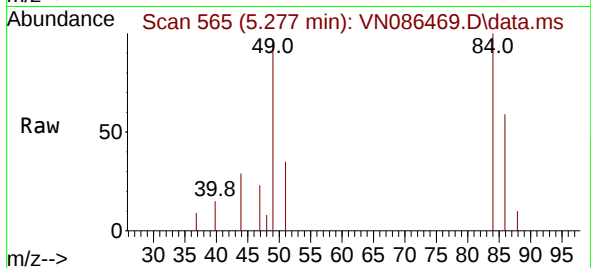
Tgt Ion: 43 Resp: 27053
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9





#20
Methylene Chloride
Concen: 2.707 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

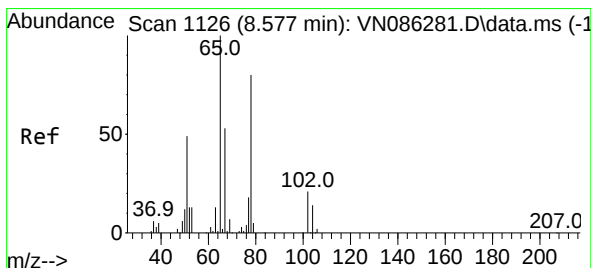
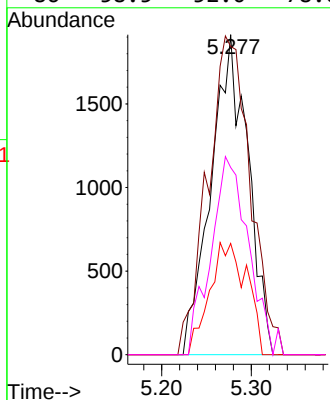
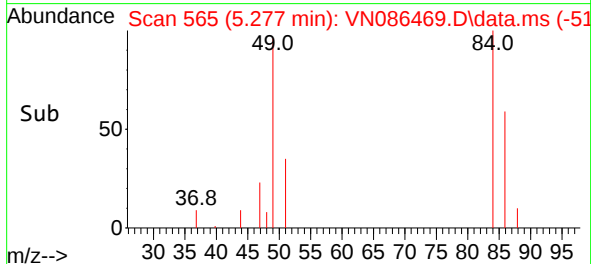
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#14



Tgt Ion: 84 Resp: 5472
Ion Ratio Lower Upper
84 100
49 96.3 98.2 147.2
51 34.7 29.8 44.6
86 58.5 52.0 78.0

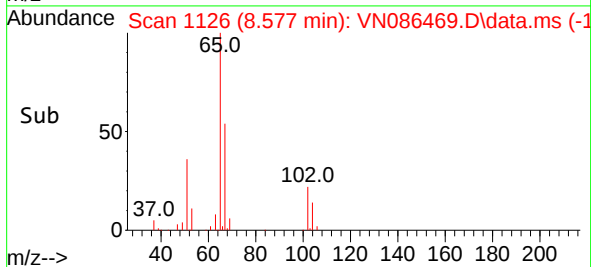
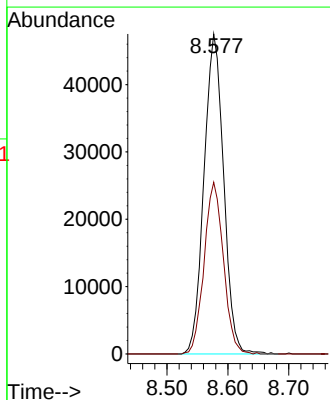
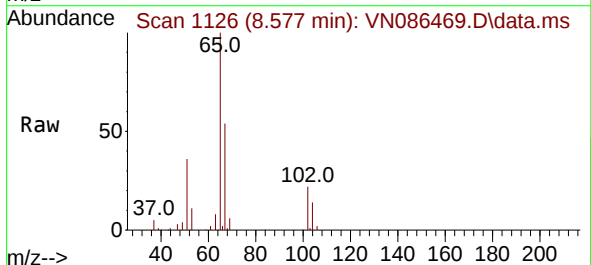
Manual Integrations
APPROVED

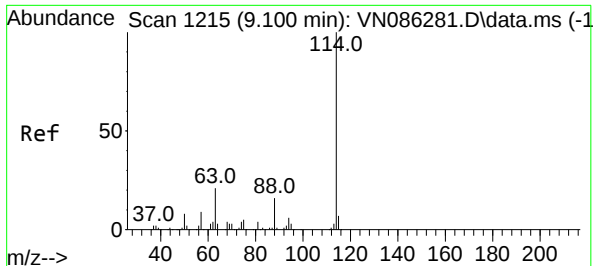
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 48.768 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

Tgt Ion: 65 Resp: 106624
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086469.D

Acq: 02 May 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB167816ZHE#14

Tgt Ion:114 Resp: 28419

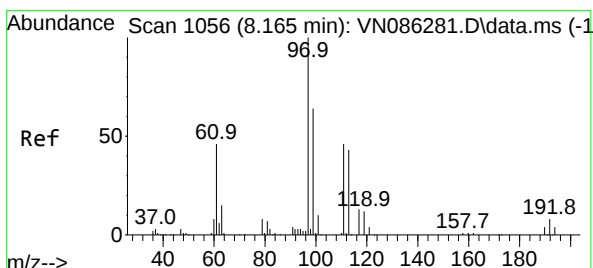
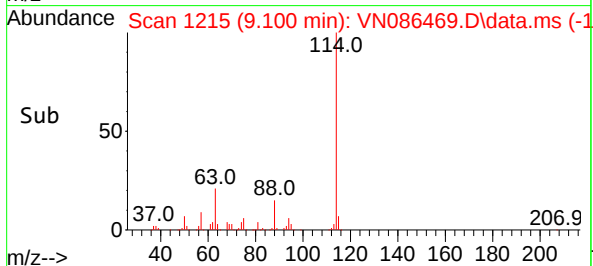
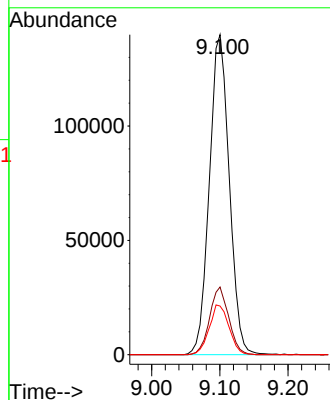
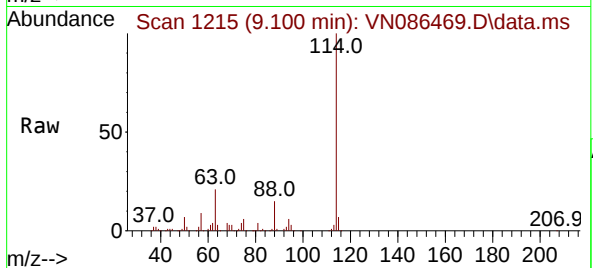
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	15.2	0.0	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 55.364 ug/l

RT: 8.165 min Scan# 1056

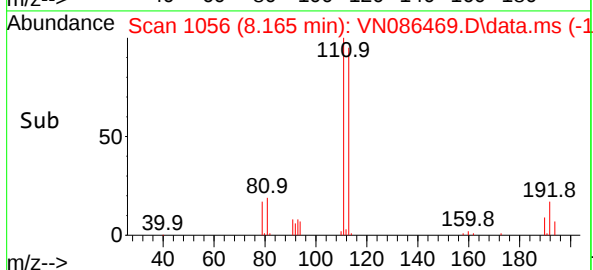
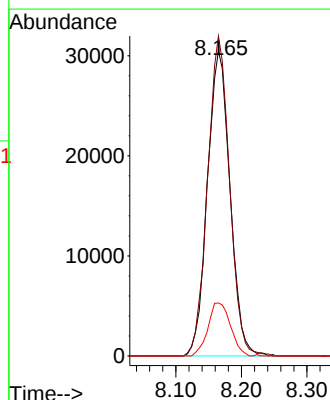
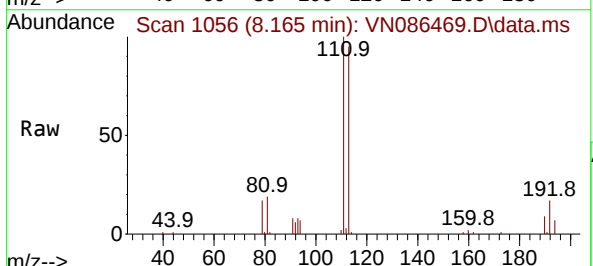
Delta R.T. 0.000 min

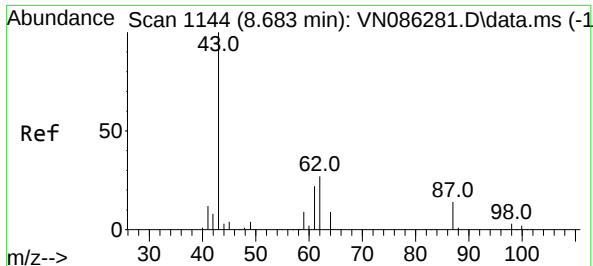
Lab File: VN086469.D

Acq: 02 May 2025 17:30

Tgt Ion:113 Resp: 73024

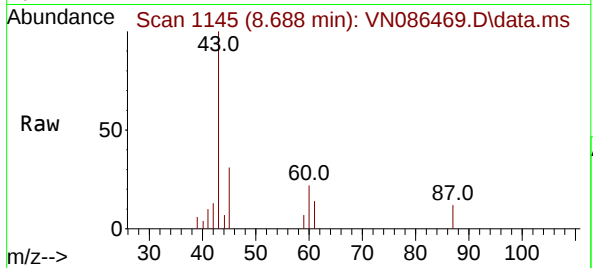
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	17.3	13.7	20.5





#43
Isopropyl Acetate
Concen: 4.720 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

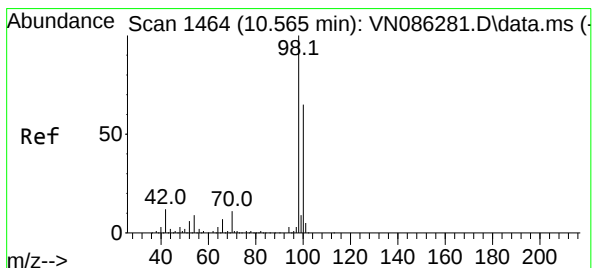
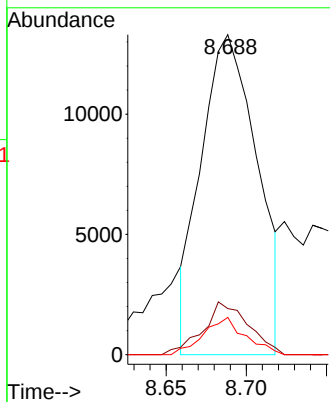
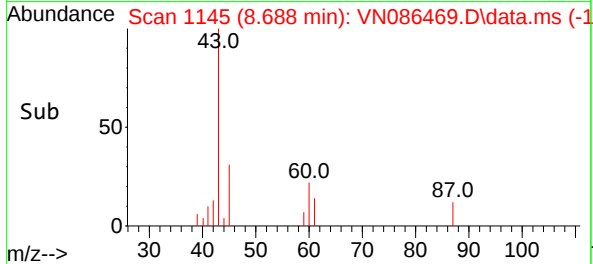
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#14



Tgt Ion: 43 Resp: 32354
Ion Ratio Lower Upper
43 100
61 13.4 20.5 30.7
87 8.7 10.5 15.7

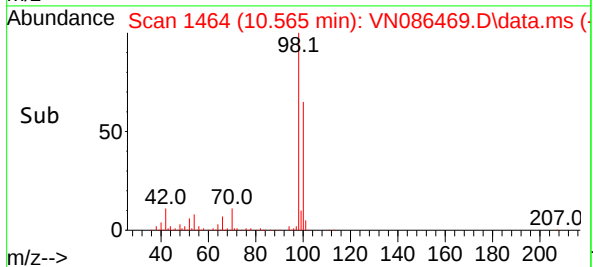
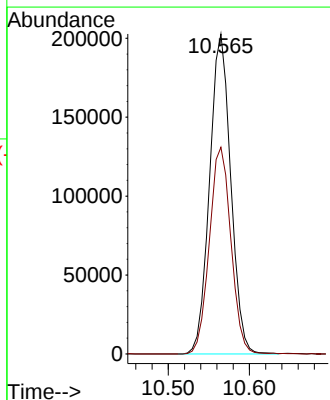
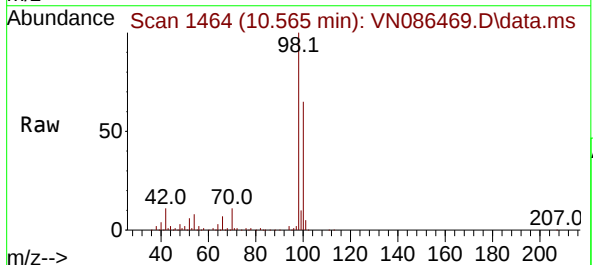
Manual Integrations
APPROVED

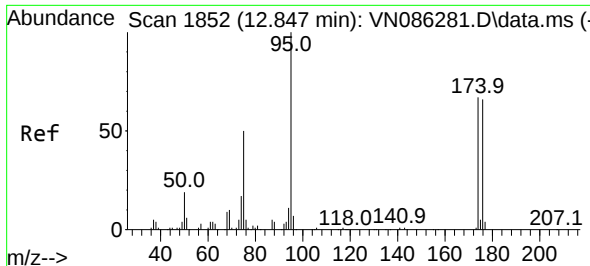
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

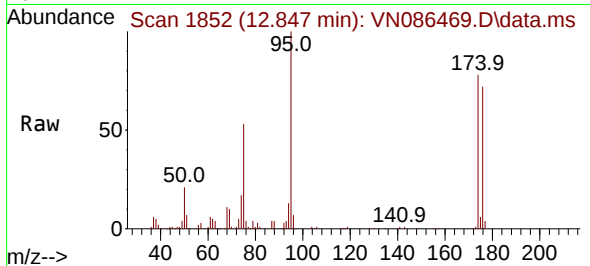
Tgt Ion: 98 Resp: 366596
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30

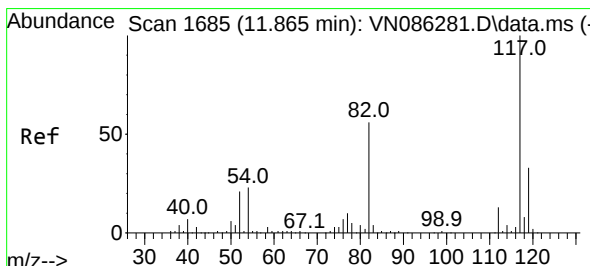
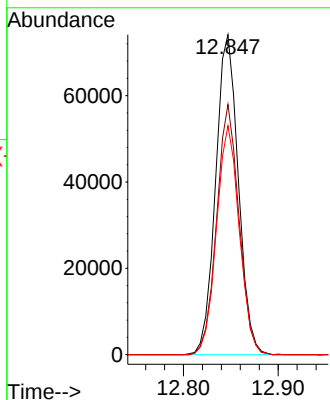
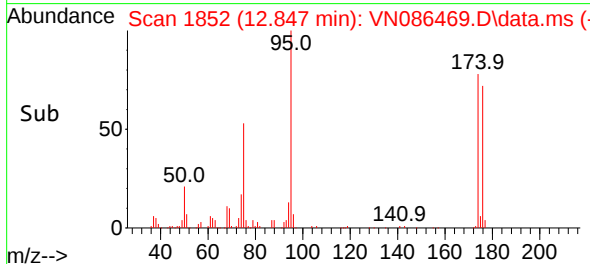
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#14



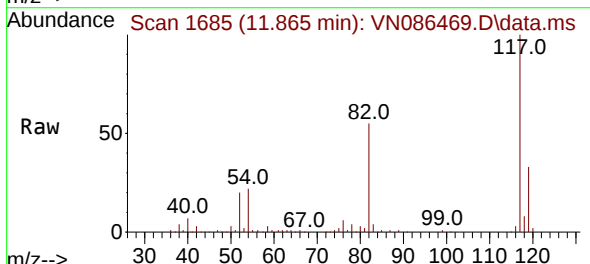
Tgt Ion: 95 Resp: 123120
Ion Ratio Lower Upper
95 100
174 77.2 0.0 133.4
176 71.9 0.0 129.2

Manual Integrations
APPROVED

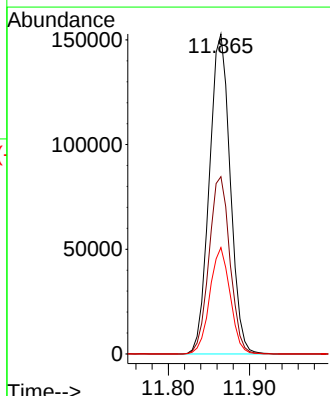
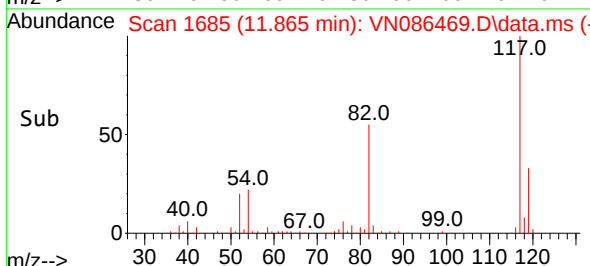
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

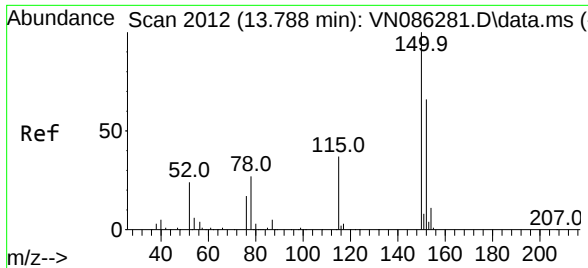


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086469.D
Acq: 02 May 2025 17:30



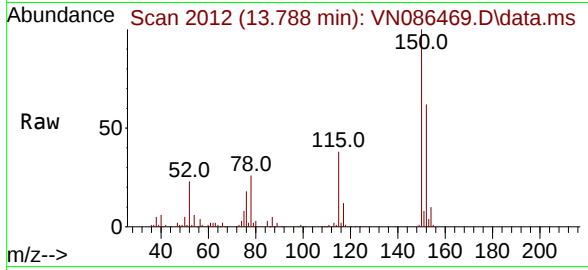
Tgt Ion:117 Resp: 272770
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 33.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086469.D
 Acq: 02 May 2025 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#14



Tgt Ion:	152	Resp:	10799
Ion Ratio	Lower	Upper	
152	100		
115	62.3	31.9	95.9
150	159.1	0.0	352.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

