

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086471.D
 Acq On : 02 May 2025 18:18
 Operator : JC\MD
 Sample : PB167816ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#16

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:17:40 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	149025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107305	49.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.165	113	70474	53.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.280%		
50) Toluene-d8	10.565	98	365818	52.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.200%		
62) 4-Bromofluorobenzene	12.847	95	126699	49.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.940%		
Target Compounds						Qvalue
16) Acetone	4.436	43	26276	30.150	ug/l	99
20) Methylene Chloride	5.277	84	5888	2.947	ug/l	90
43) Isopropyl Acetate	8.688	43	38021m	5.909	ug/l	

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

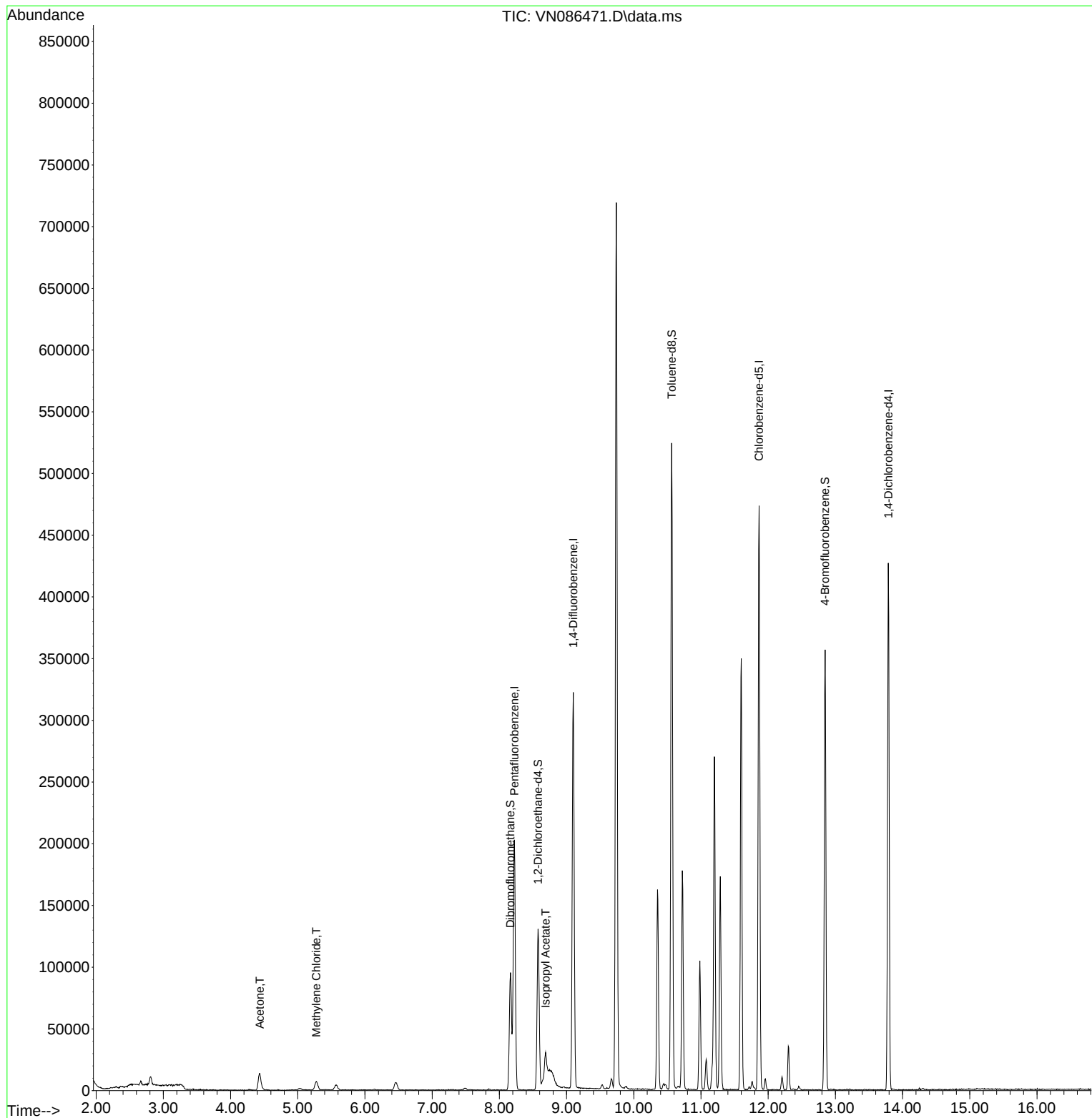
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086471.D
Acq On : 02 May 2025 18:18
Operator : JC\MD
Sample : PB167816ZHE#16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#16

Manual Integrations
APPROVED

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

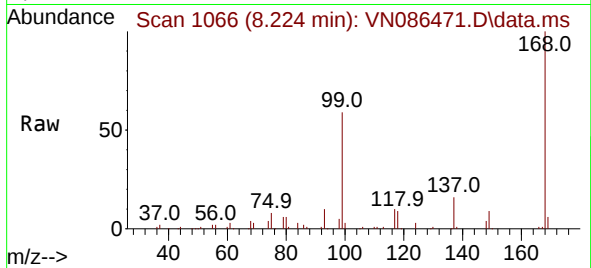
Quant Time: May 02 23:17:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

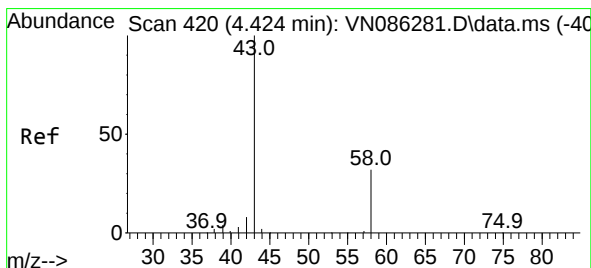
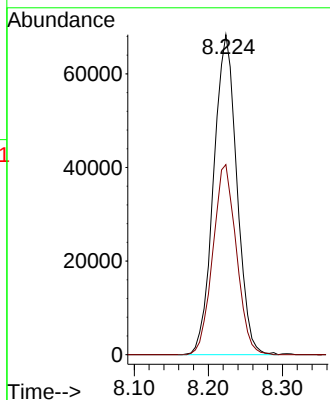
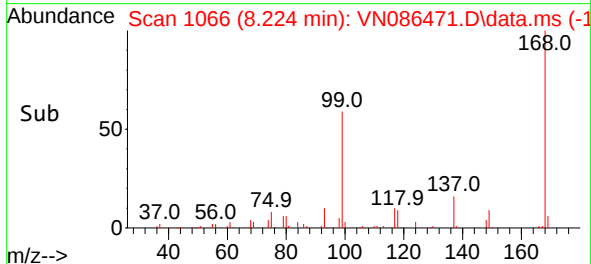
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#16



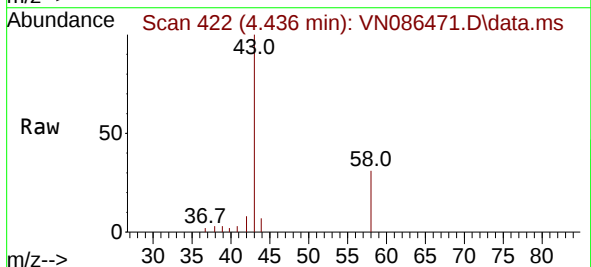
Tgt Ion:168 Resp: 149025
Ion Ratio Lower Upper
168 100
99 59.4 52.5 78.7

Manual Integrations
APPROVED

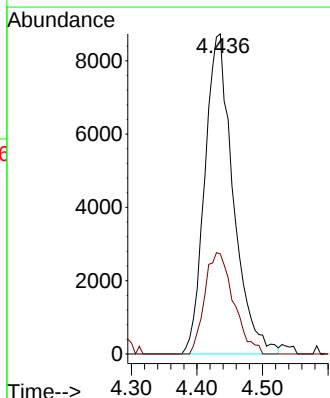
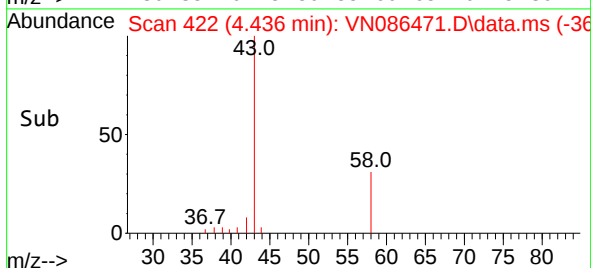
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 30.150 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18



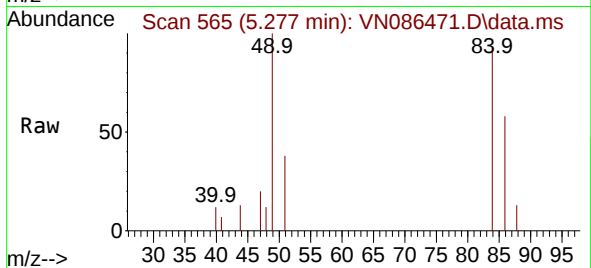
Tgt Ion: 43 Resp: 26276
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#20
Methylene Chloride
Concen: 2.947 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

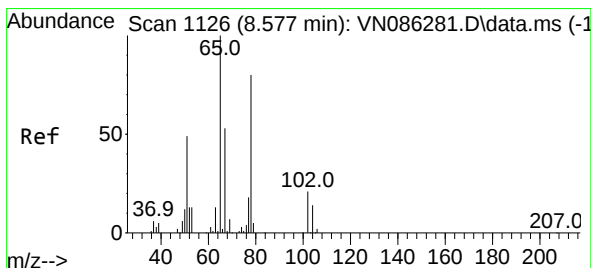
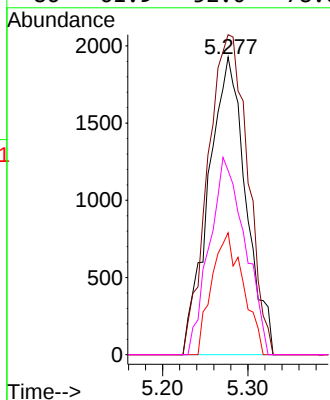
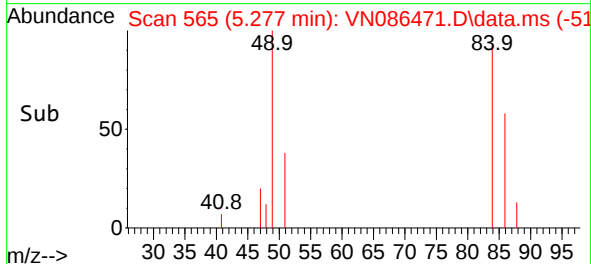
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#16



Tgt Ion: 84 Resp: 588
Ion Ratio Lower Upper
84 100
49 107.5 98.2 147.2
51 41.0 29.8 44.6
86 61.9 52.0 78.0

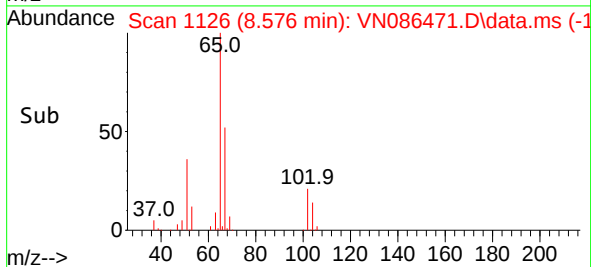
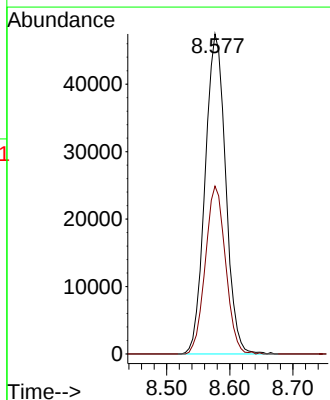
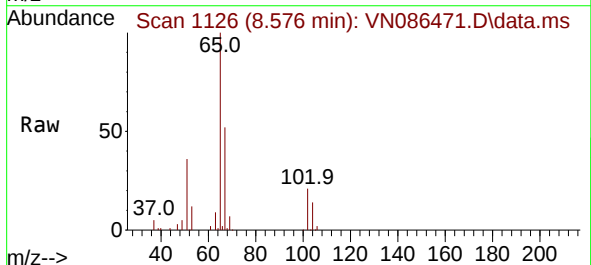
Manual Integrations
APPROVED

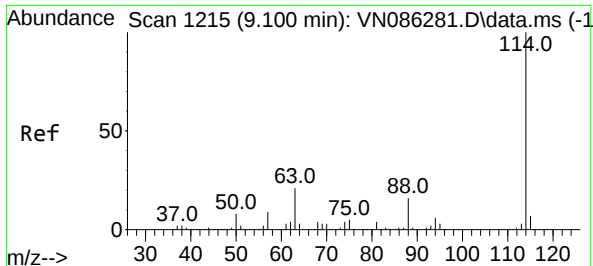
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.655 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

Tgt Ion: 65 Resp: 107305
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086471.D

Acq: 02 May 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB167816ZHE#16

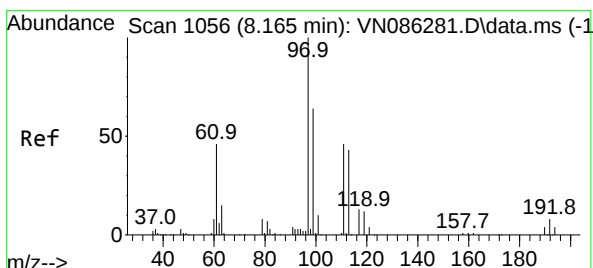
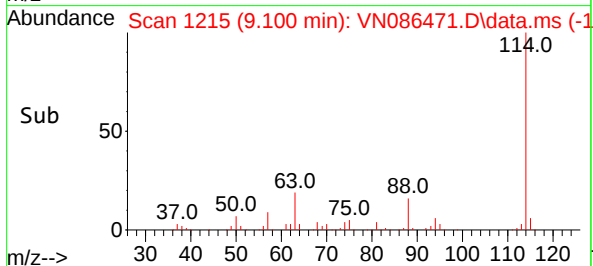
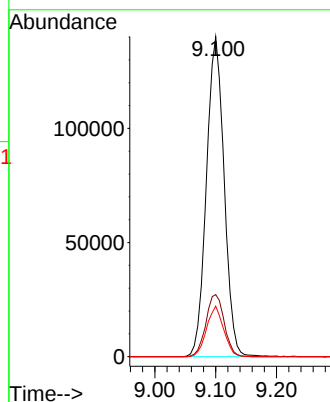
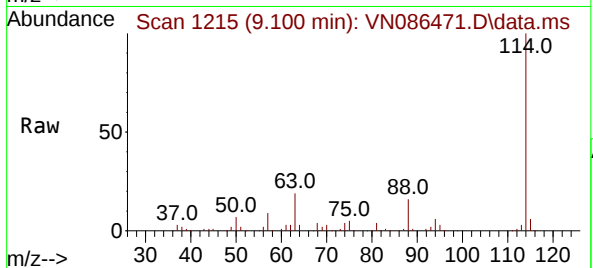
Tgt Ion:114 Resp: 283080
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.8 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 53.640 ug/l

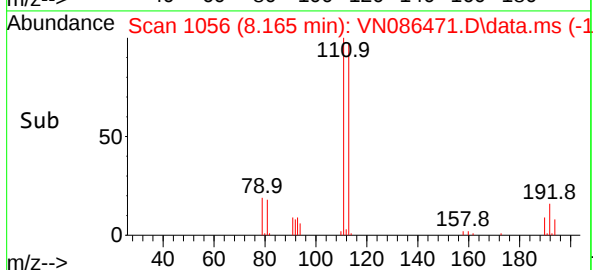
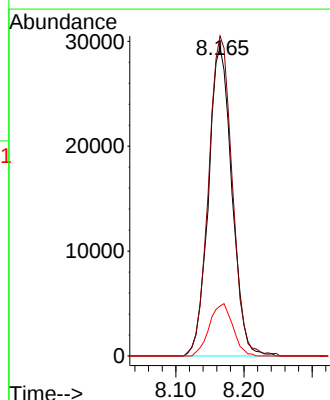
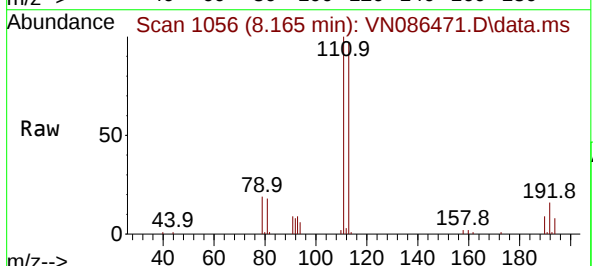
RT: 8.165 min Scan# 1056

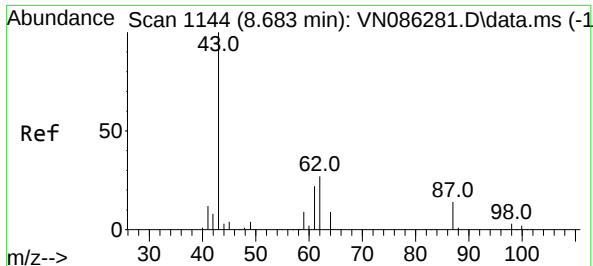
Delta R.T. -0.000 min

Lab File: VN086471.D

Acq: 02 May 2025 18:18

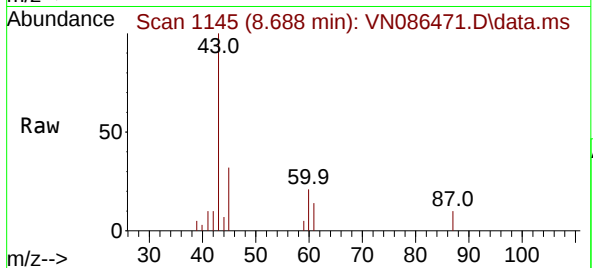
Tgt Ion:113 Resp: 70474
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.4 125.0
 192 16.9 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.909 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

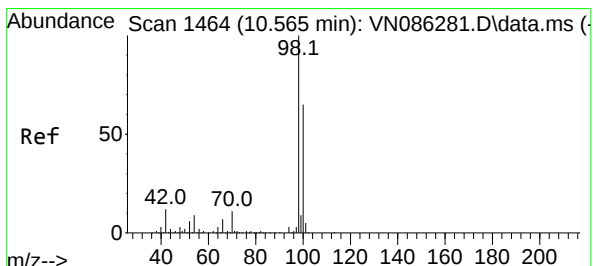
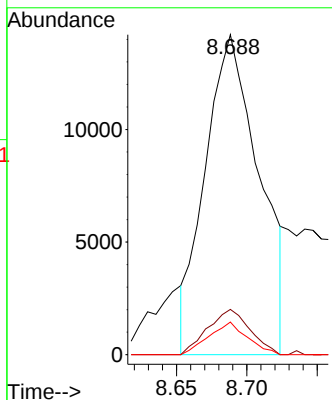
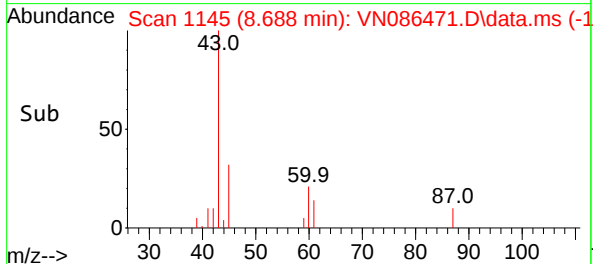
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#16



Tgt Ion: 43 Resp: 3802
Ion Ratio Lower Upper
43 100
61 11.1 20.5 30.7
87 7.2 10.5 15.7

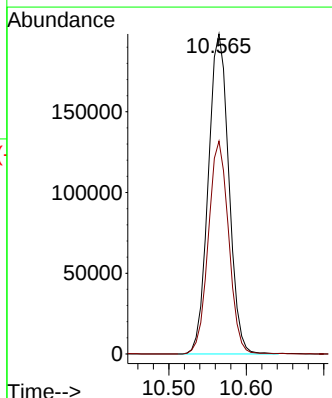
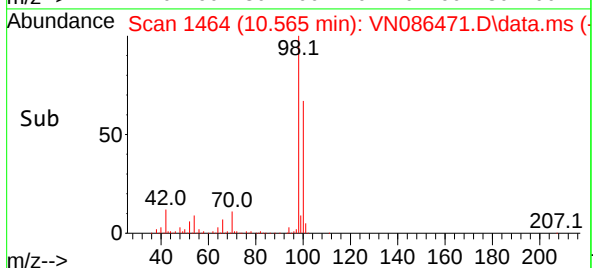
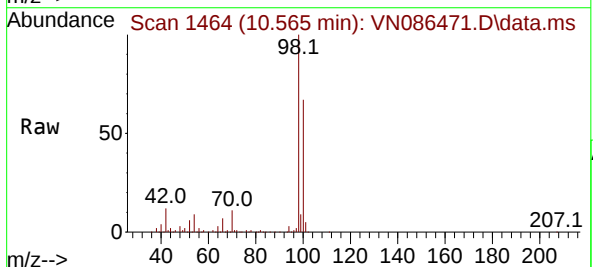
Manual Integrations
APPROVED

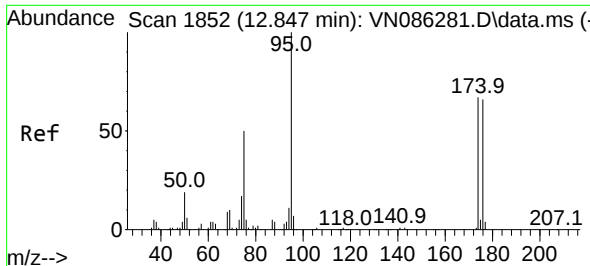
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.098 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

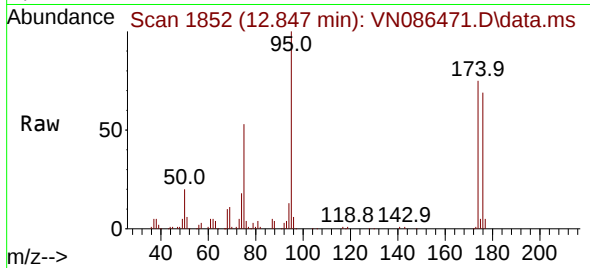
Tgt Ion: 98 Resp: 365818
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.470 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18

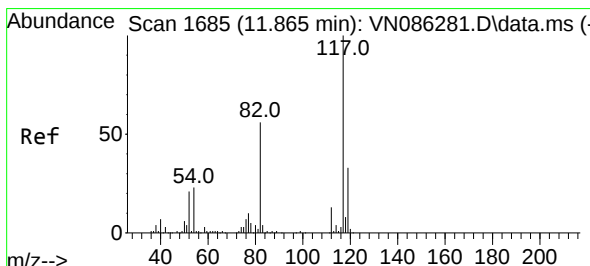
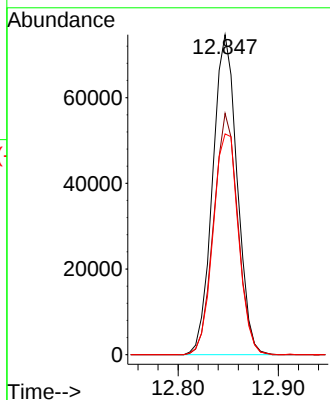
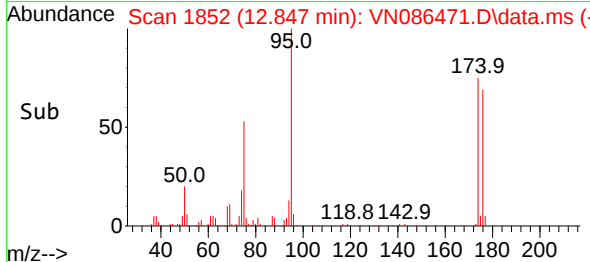
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#16



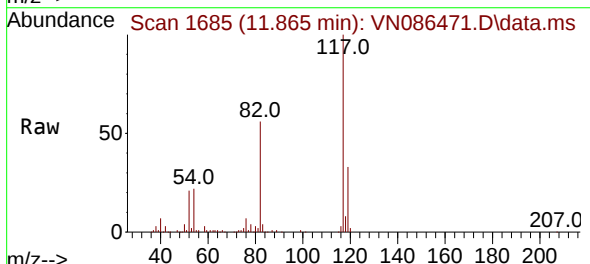
Tgt Ion: 95 Resp: 126699
Ion Ratio Lower Upper
95 100
174 74.4 0.0 133.4
176 71.7 0.0 129.2

Manual Integrations
APPROVED

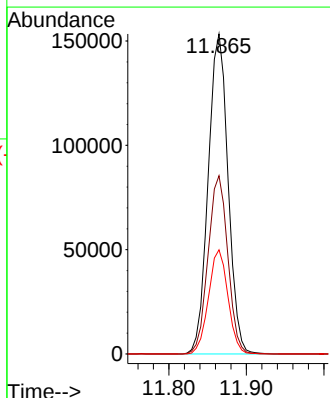
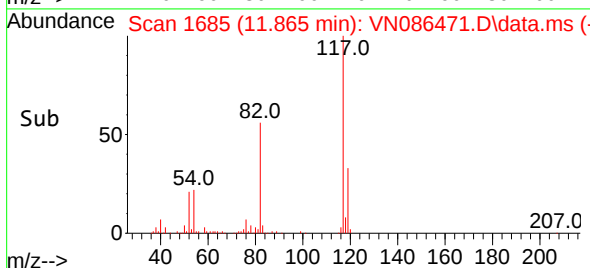
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

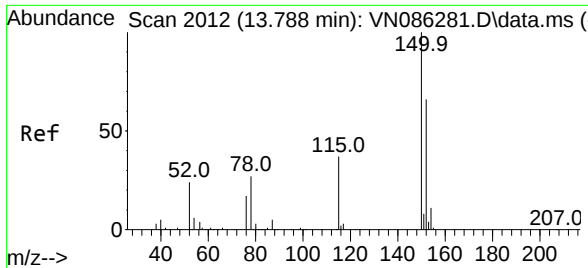


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086471.D
Acq: 02 May 2025 18:18



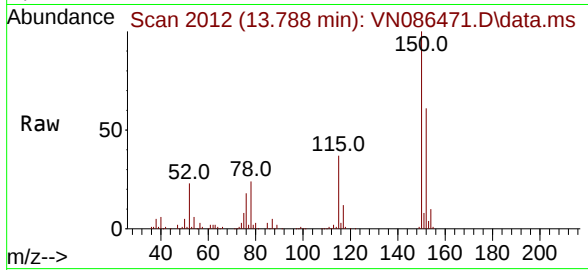
Tgt Ion:117 Resp: 273037
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.5 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086471.D
 Acq: 02 May 2025 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#16



Tgt Ion:	152	Resp:	114949
Ion Ratio	Lower	Upper	
152	100		
115	61.6	31.9	95.9
150	159.6	0.0	352.0

Manual Integrations
 APPROVED

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

