

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086435.D
 Acq On : 30 Apr 2025 14:39
 Operator : JC\MD
 Sample : PB167775ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:34:49 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	155881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113556	50.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	8.165	113	72482	53.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	10.565	98	380352	52.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.847	95	131704	49.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.860%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	7332	17.777	ug/l #	86
16) Acetone	4.430	43	35333	40.427	ug/l	98
20) Methylene Chloride	5.277	84	5533	2.648	ug/l	93
25) 2-Butanone	7.483	43	33813	24.032	ug/l	92
43) Isopropyl Acetate	8.688	43	39384m	5.876	ug/l	

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

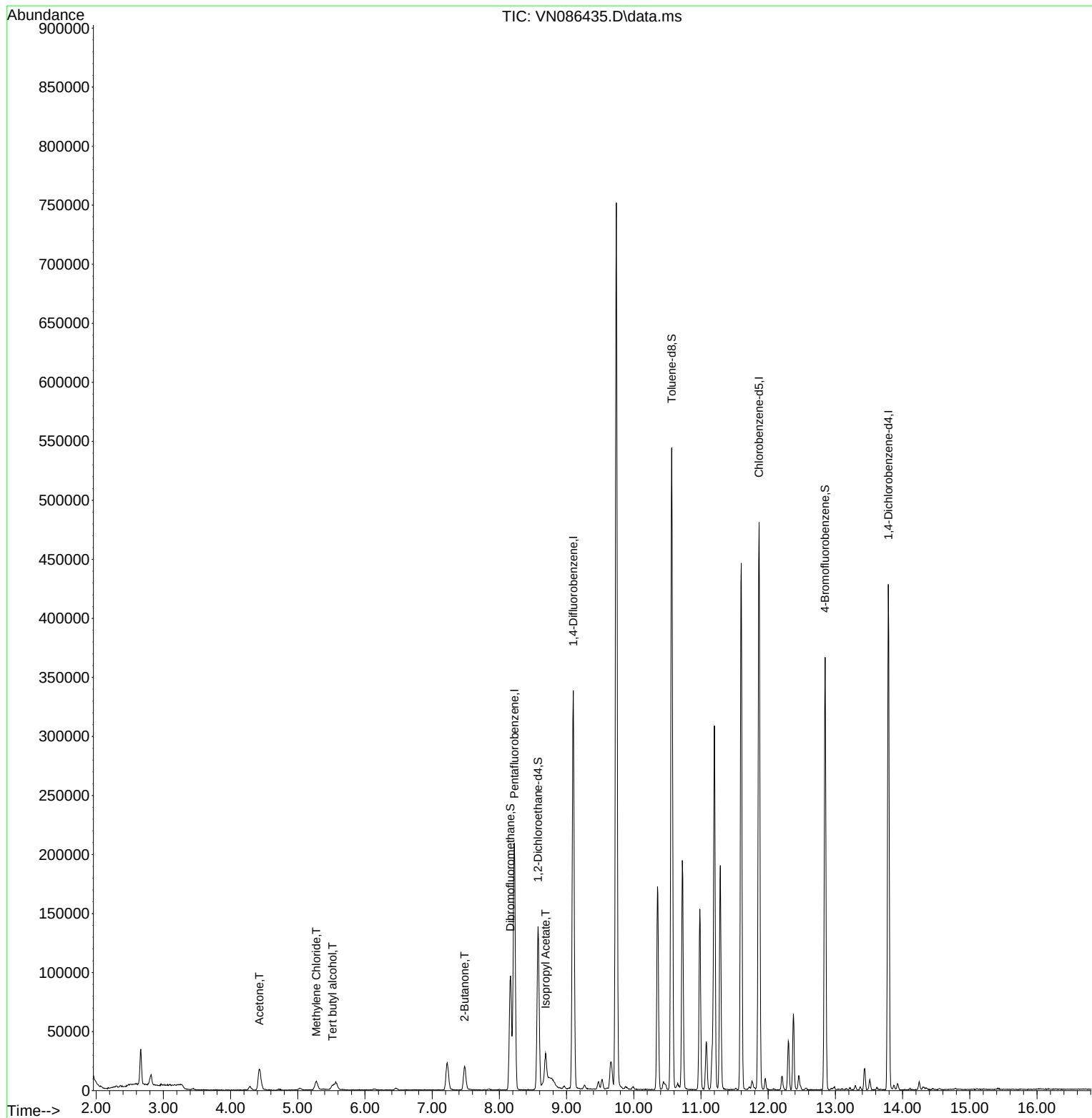
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086435.D
Acq On : 30 Apr 2025 14:39
Operator : JC\MD
Sample : PB167775ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

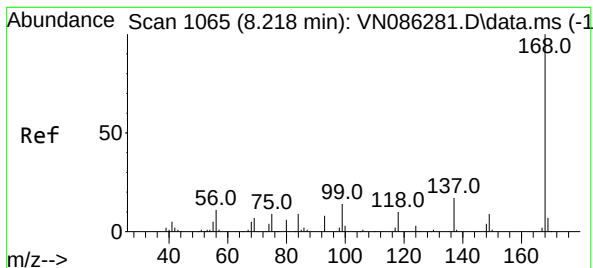
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

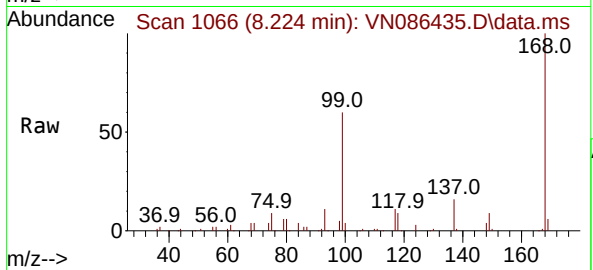
Quant Time: May 01 01:34:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

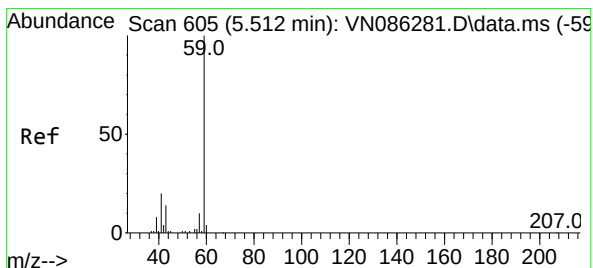
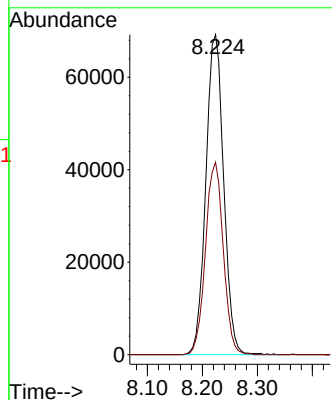
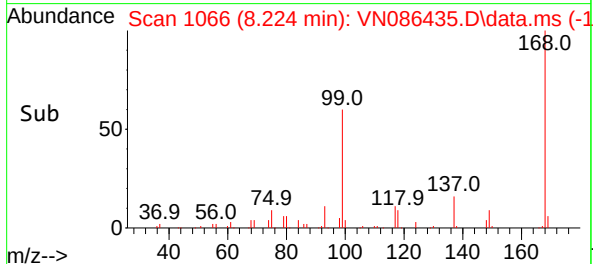
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



Tgt Ion:168 Resp: 15588
Ion Ratio Lower Upper
168 100
99 60.1 52.5 78.7

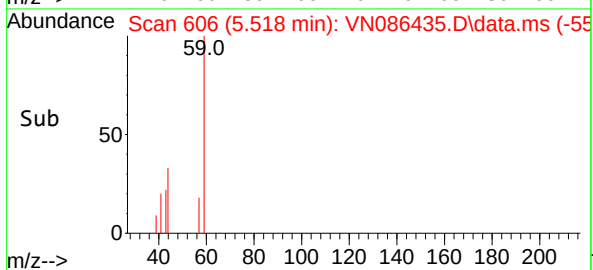
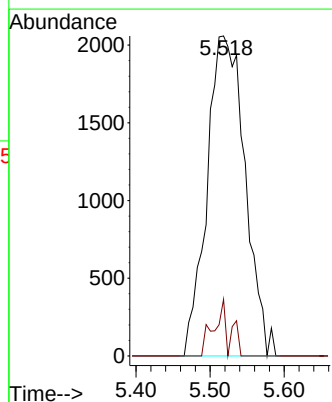
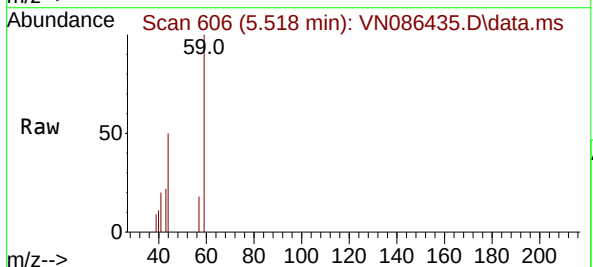
Manual Integrations
APPROVED

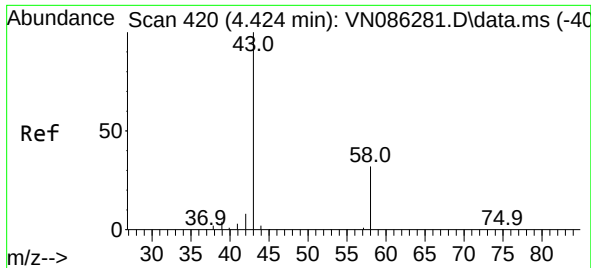
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 17.777 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

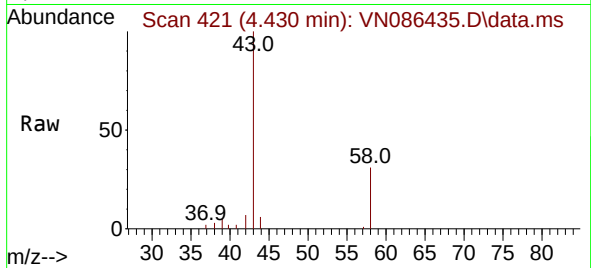
Tgt Ion: 59 Resp: 7332
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#





#16
Acetone
Concen: 40.427 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

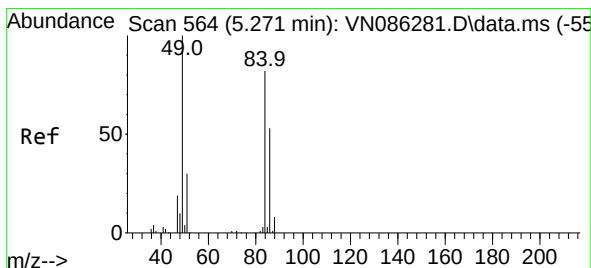
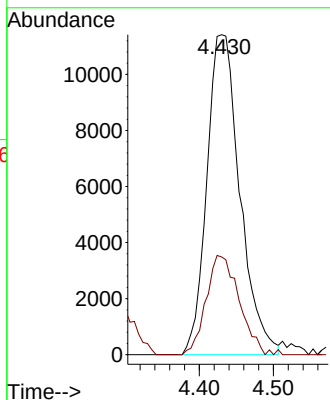
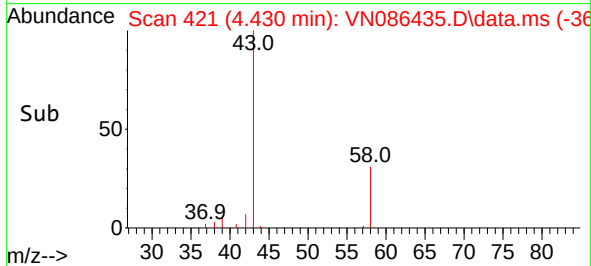
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 30.5 25.3 37.9

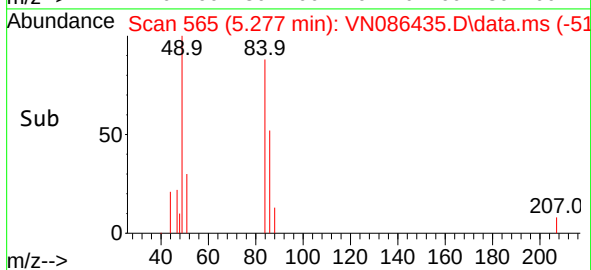
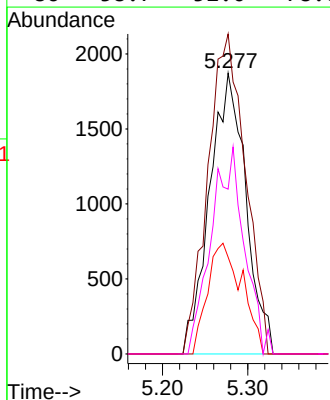
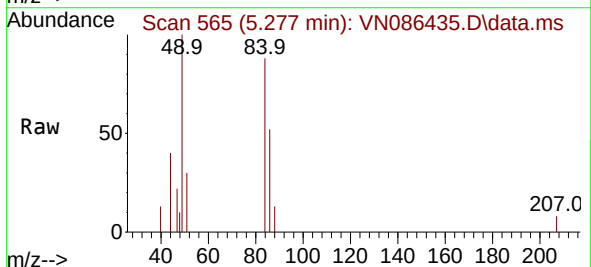
Manual Integrations
APPROVED

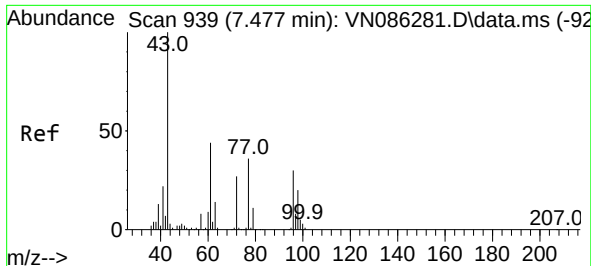
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 2.648 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

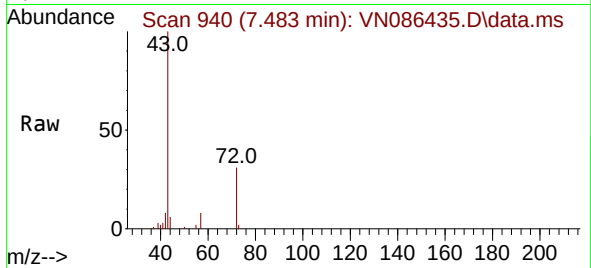
Tgt Ion: 84 Resp: 5533
Ion Ratio Lower Upper
84 100
49 113.9 98.2 147.2
51 34.5 29.8 44.6
86 58.7 52.0 78.0





#25
2-Butanone
Concen: 24.032 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

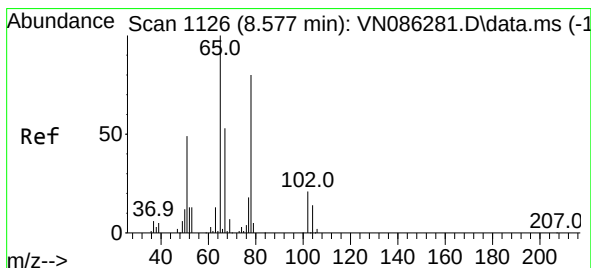
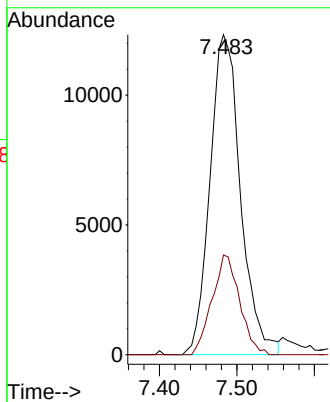
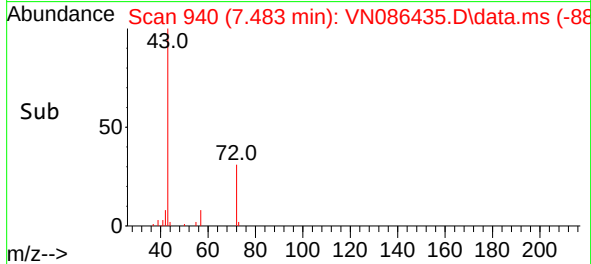
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



Tgt Ion: 43 Resp: 3381
Ion Ratio Lower Upper
43 100
72 31.2 21.7 32.5

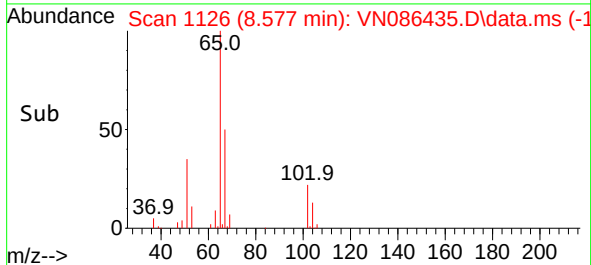
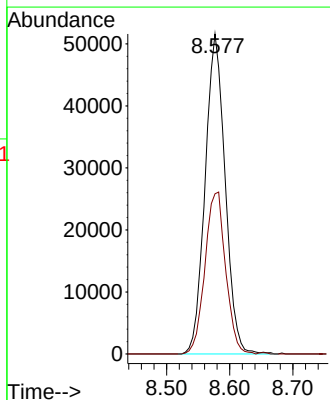
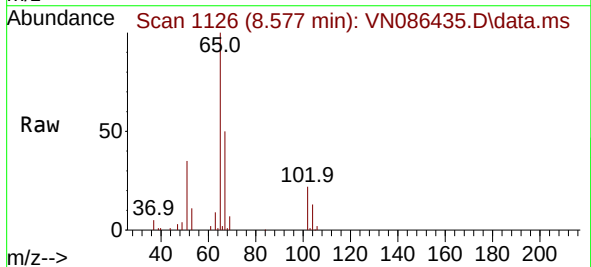
Manual Integrations
APPROVED

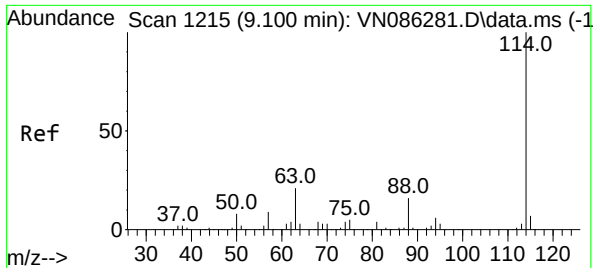
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 50.237 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

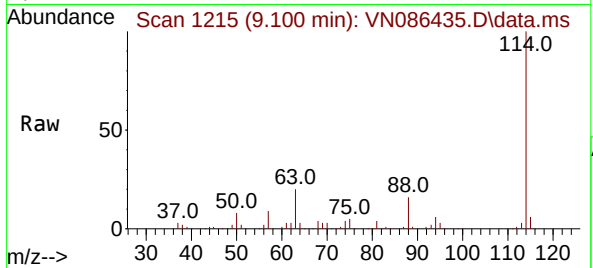
Tgt Ion: 65 Resp: 113556
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

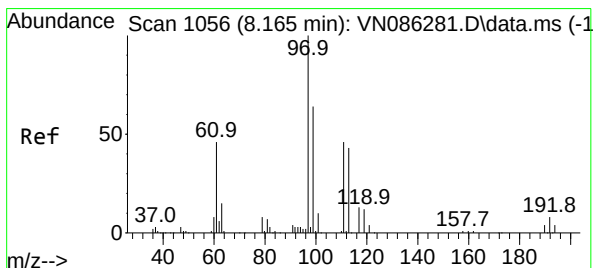
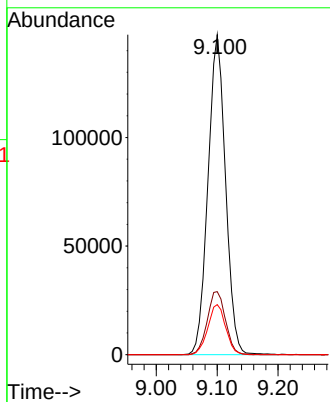
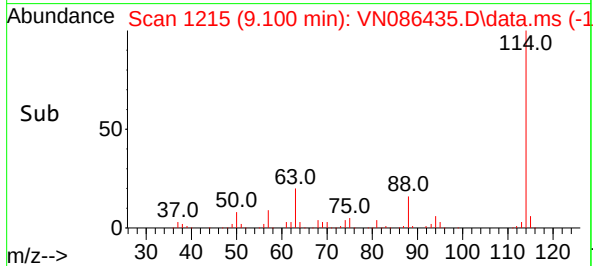
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



Tgt Ion:114 Resp: 294504
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 15.6 0.0 31.8

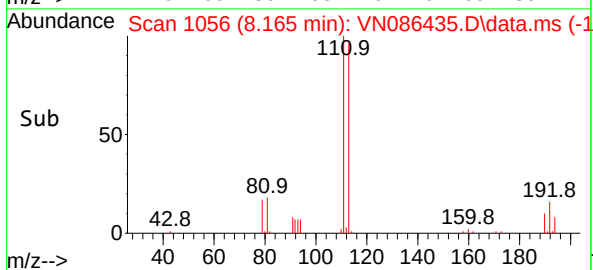
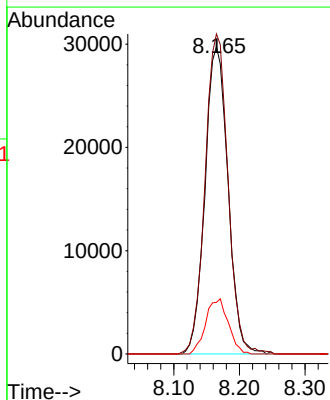
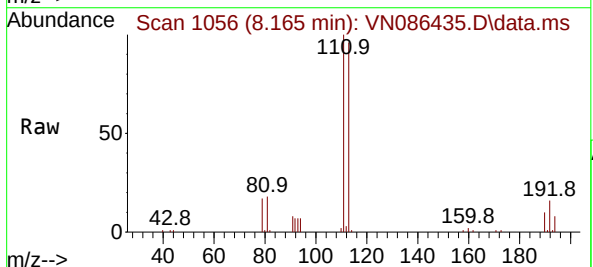
Manual Integrations
APPROVED

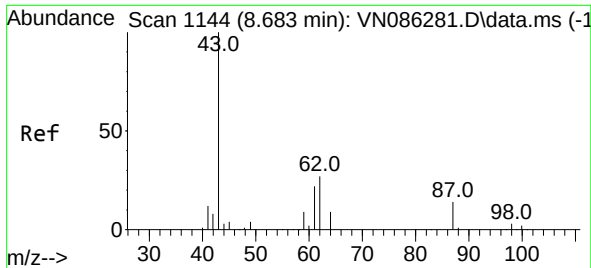
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 53.029 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

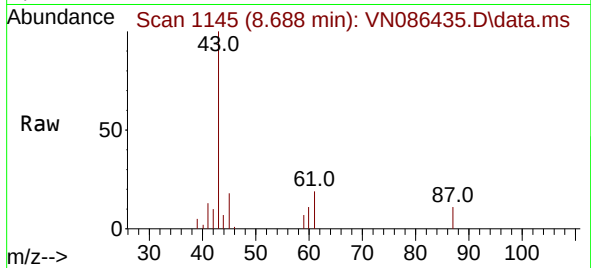
Tgt Ion:113 Resp: 72482
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 17.6 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.876 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

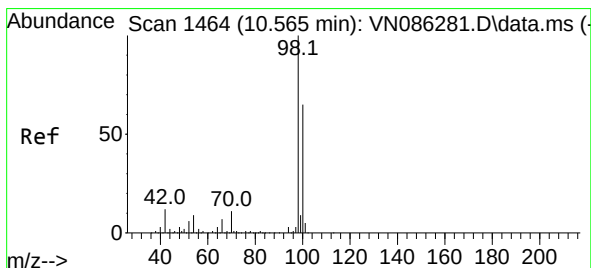
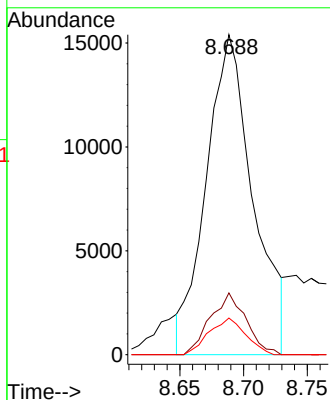
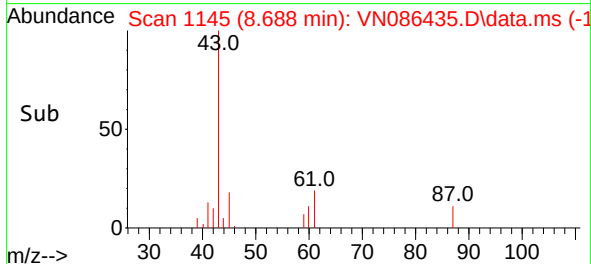
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



Tgt Ion: 43 Resp: 39384
Ion Ratio Lower Upper
43 100
61 14.8 20.5 30.7
87 8.9 10.5 15.7

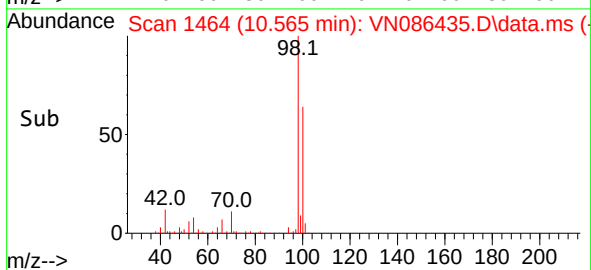
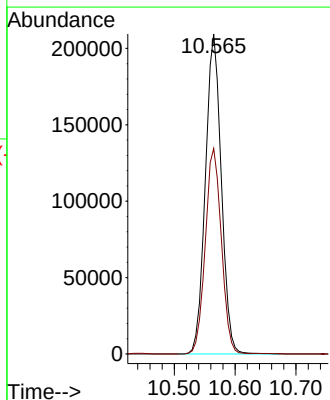
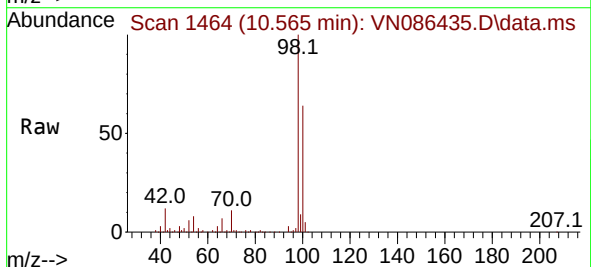
Manual Integrations
APPROVED

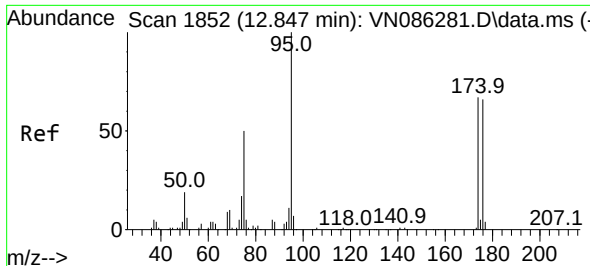
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.067 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

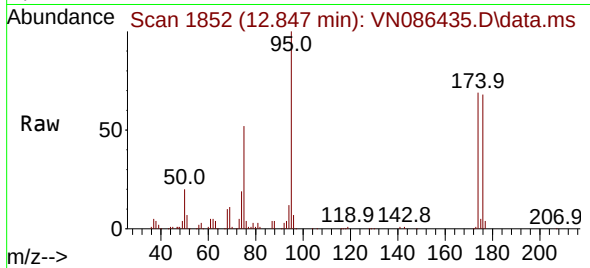
Tgt Ion: 98 Resp: 380352
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.430 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39

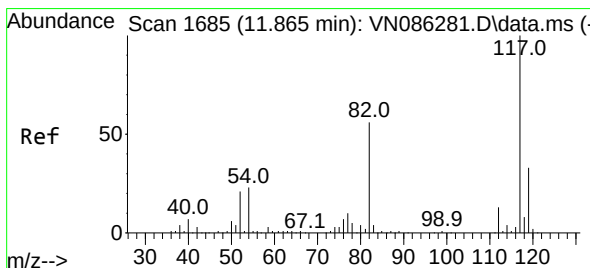
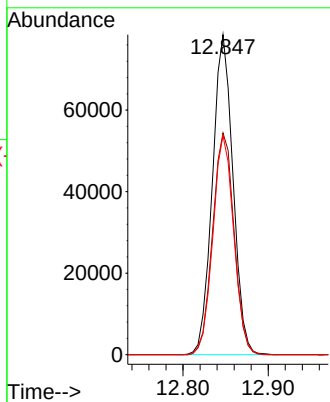
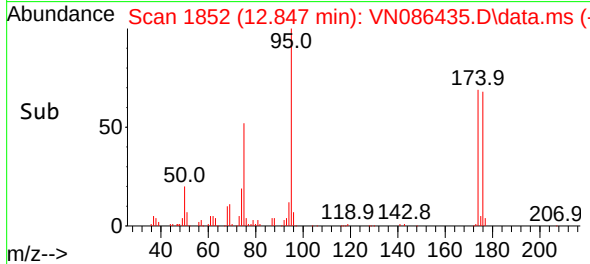
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#05



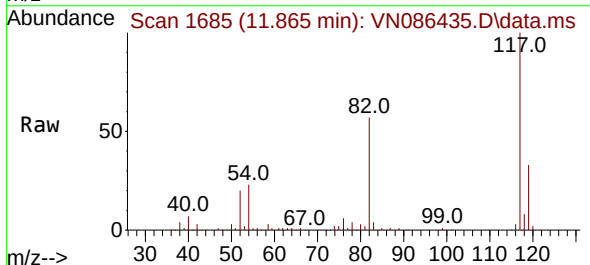
Tgt Ion: 95 Resp: 131704
Ion Ratio Lower Upper
95 100
174 72.1 0.0 133.4
176 69.4 0.0 129.2

Manual Integrations
APPROVED

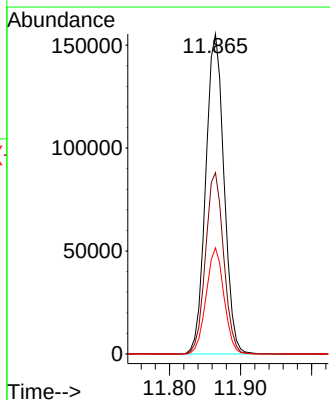
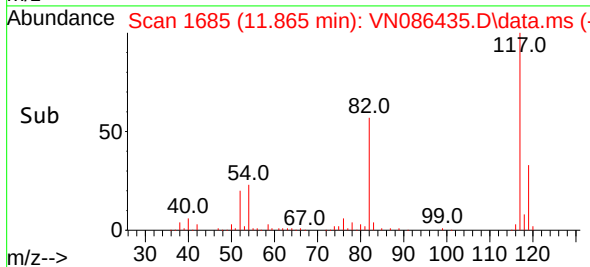
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

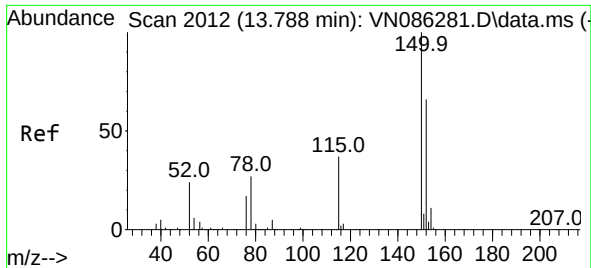


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086435.D
Acq: 30 Apr 2025 14:39



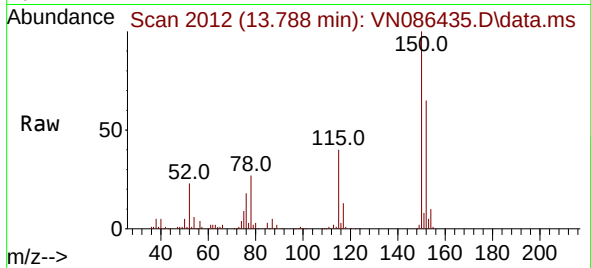
Tgt Ion:117 Resp: 278055
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 33.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086435.D
 Acq: 30 Apr 2025 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#05



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.9	95.9
150	156.0	0.0	352.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

