

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082614.D
 Acq On : 17 Jun 2024 17:23
 Operator : JC\MD
 Sample : PB161507ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161507ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 05:00:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	130925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	254109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116791	55.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.260%			
35) Dibromofluoromethane	8.171	113	87092	51.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	10.571	98	333806	52.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.853	95	110230	49.925	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.860%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	95314	99.820	ug/l	94
20) Methylene Chloride	5.283	84	9095	5.418	ug/l	93
25) 2-Butanone	7.494	43	24324	17.922	ug/l	97
43) Isopropyl Acetate	8.694	43	248009	41.153	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	21758m	7.039	ug/l	

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

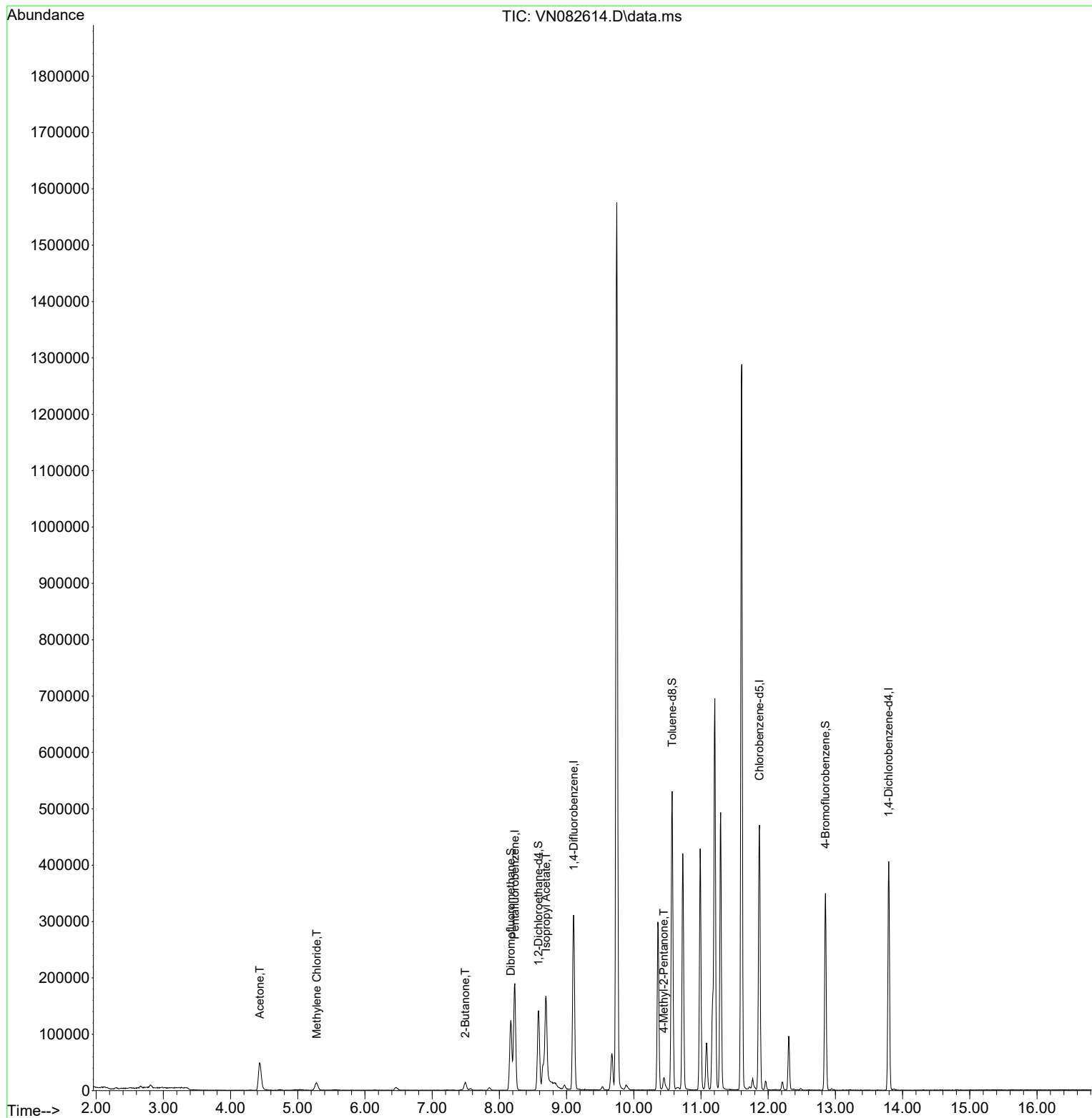
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
Data File : VN082614.D
Acq On : 17 Jun 2024 17:23
Operator : JC\MD
Sample : PB161507ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

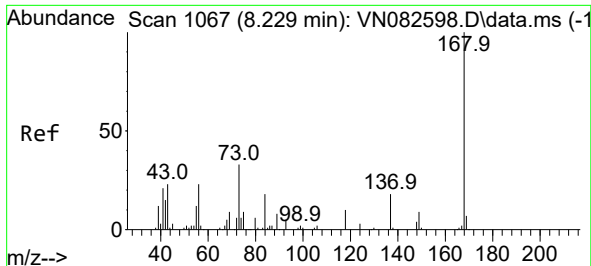
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

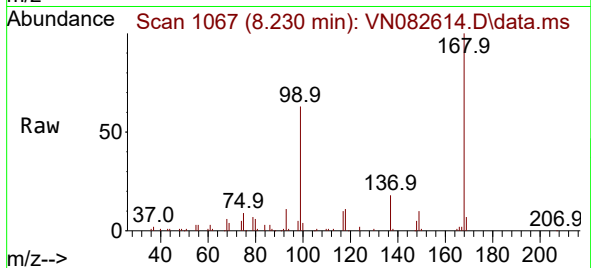
Quant Time: Jun 18 05:00:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

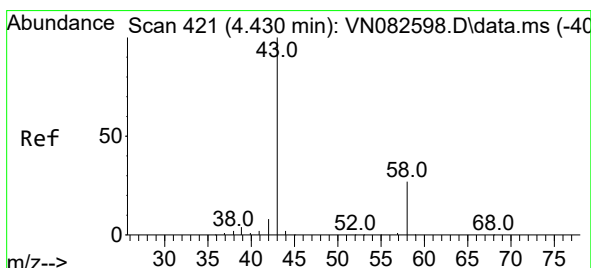
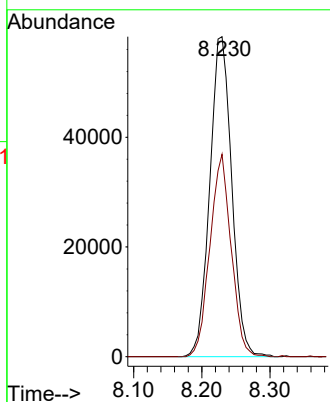
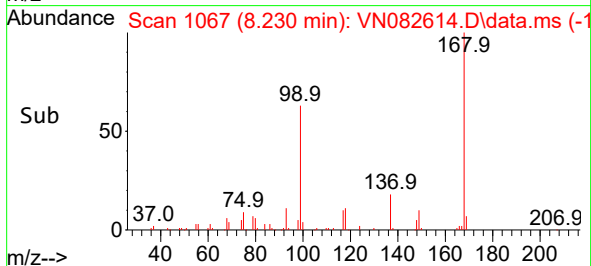
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



Tgt Ion:168 Resp: 130925
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4

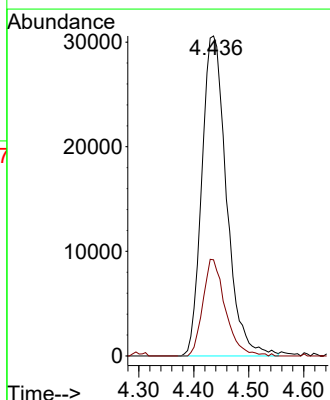
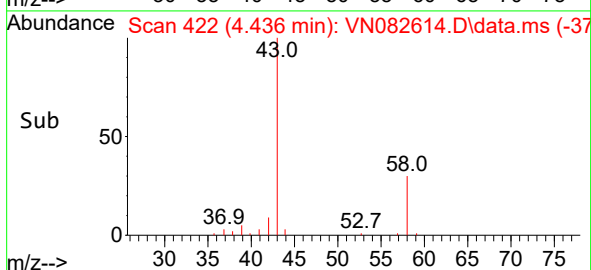
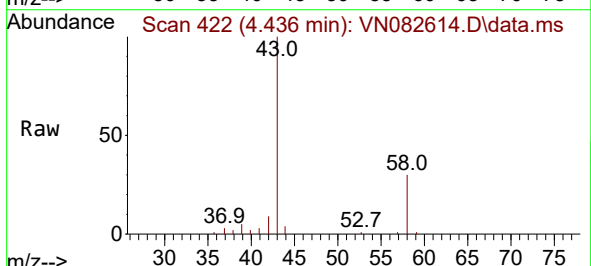
Manual Integrations
APPROVED

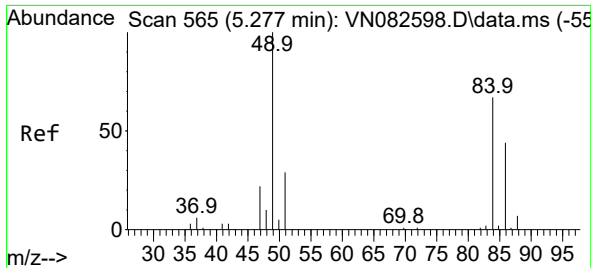
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#16
Acetone
Concen: 99.820 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

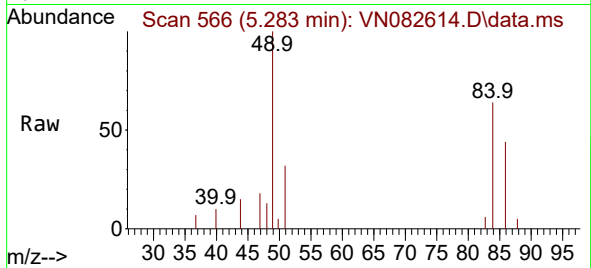
Tgt Ion: 43 Resp: 95314
Ion Ratio Lower Upper
43 100
58 30.1 21.8 32.6





#20
Methylene Chloride
Concen: 5.418 ug/l
RT: 5.283 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

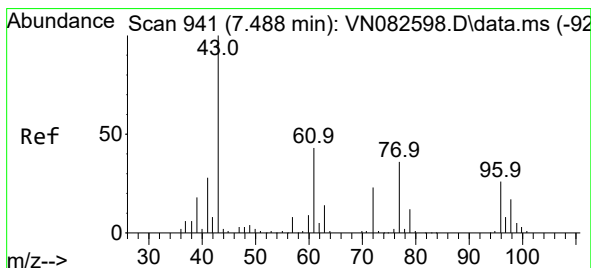
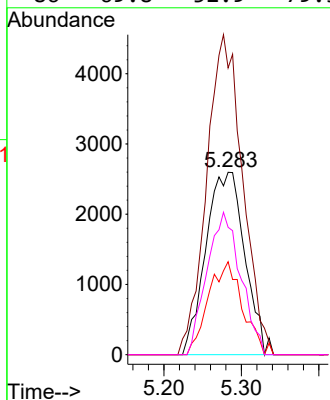
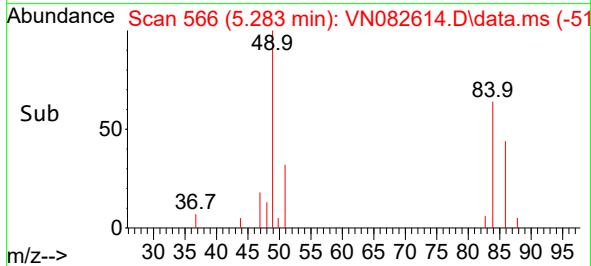
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



Tgt Ion: 84 Resp: 909
Ion Ratio Lower Upper
84 100
49 157.2 119.6 179.4
51 50.9 34.8 52.2
86 69.8 52.9 79.3

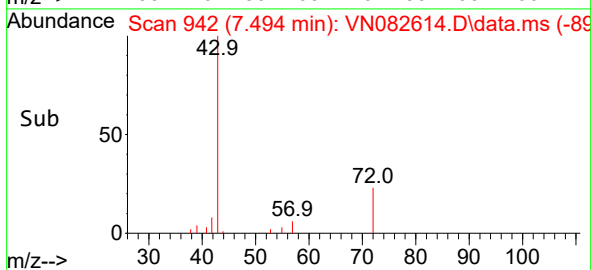
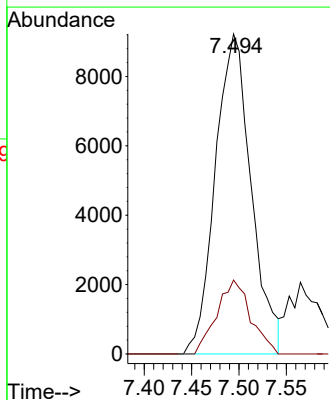
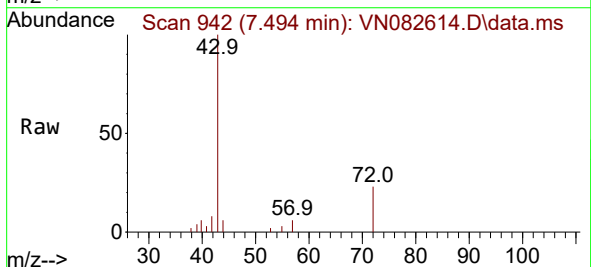
Manual Integrations
APPROVED

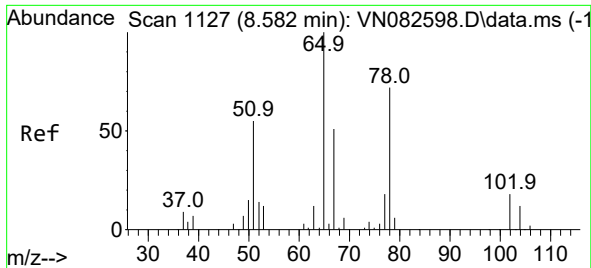
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#25
2-Butanone
Concen: 17.922 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

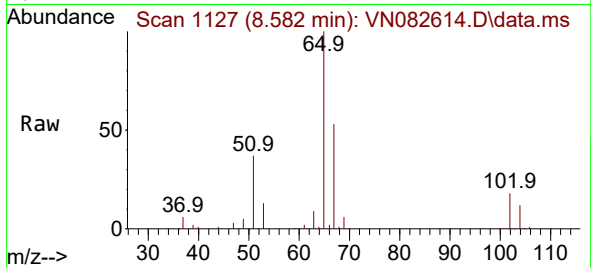
Tgt Ion: 43 Resp: 24324
Ion Ratio Lower Upper
43 100
72 24.4 18.2 27.2





#33
1,2-Dichloroethane-d4
Concen: 55.626 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

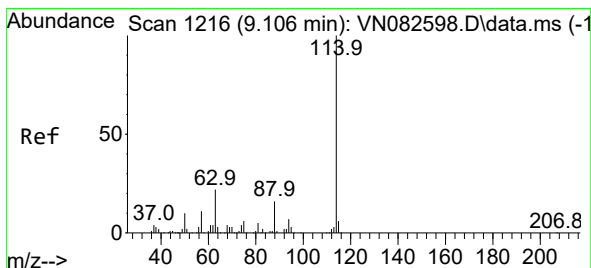
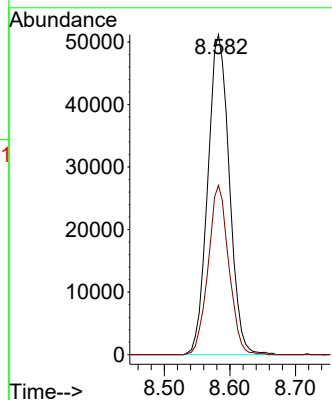
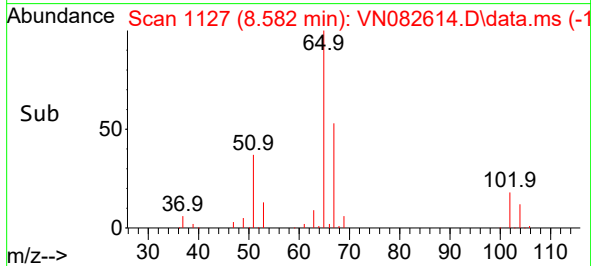
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



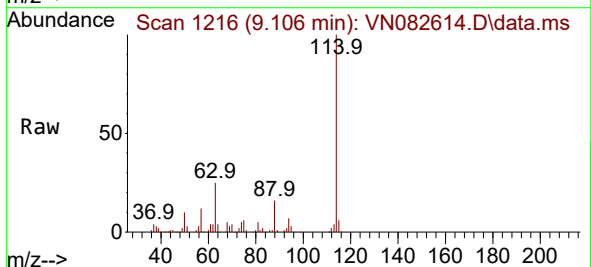
Tgt Ion: 65 Resp: 11679
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

Manual Integrations
APPROVED

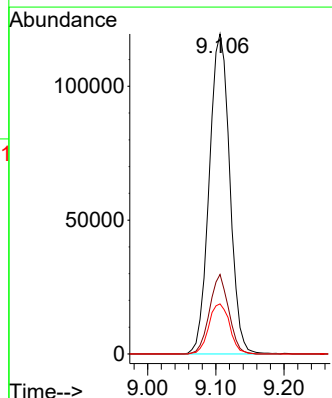
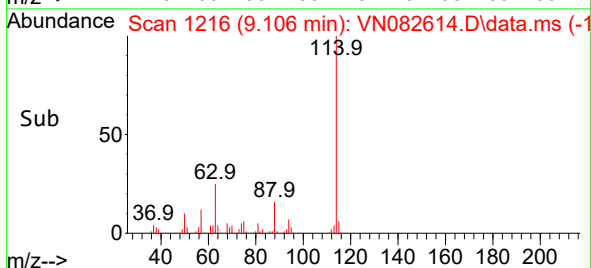
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

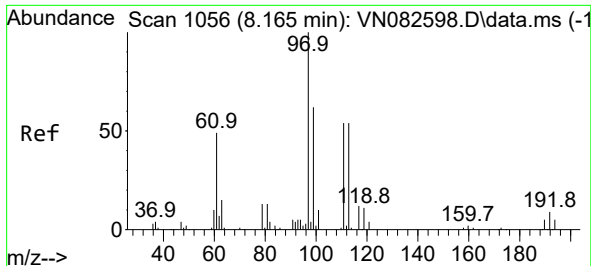


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23



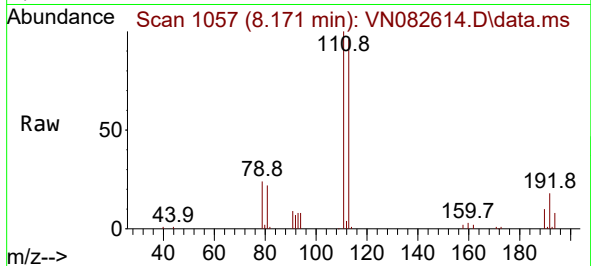
Tgt Ion:114 Resp: 249631
Ion Ratio Lower Upper
114 100
63 24.9 0.0 44.6
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.428 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

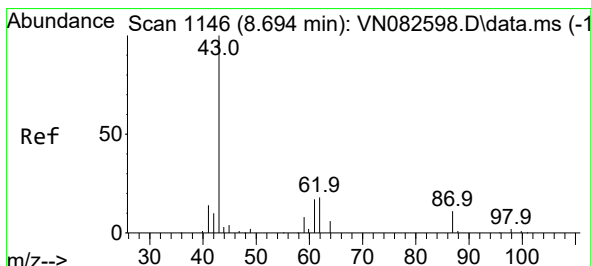
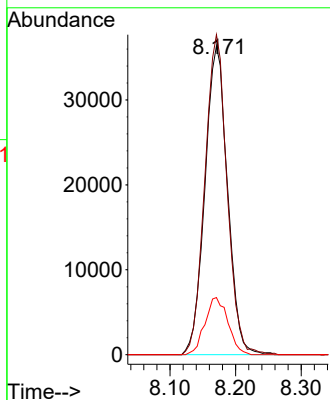
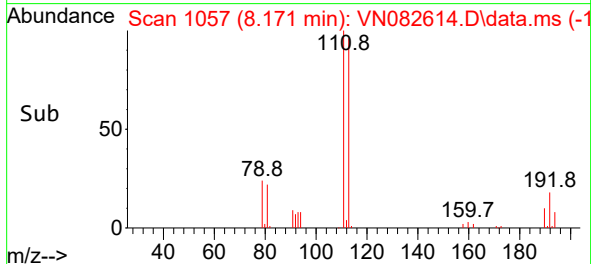
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



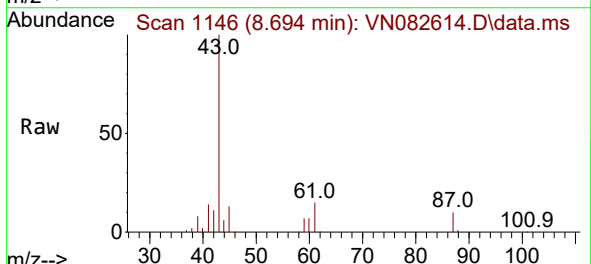
Tgt Ion: 113 Resp: 87092
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.8 14.9 22.3

Manual Integrations
APPROVED

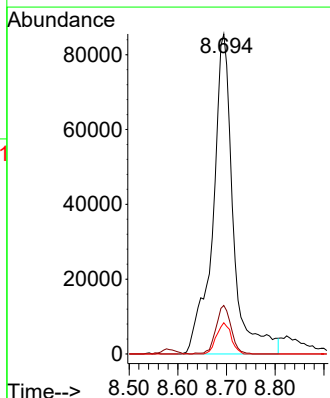
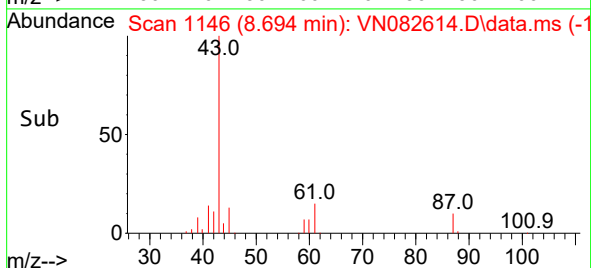
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

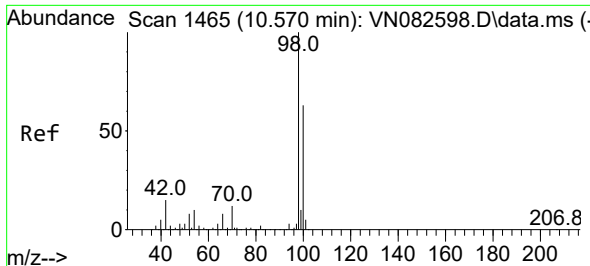


#43
Isopropyl Acetate
Concen: 41.153 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23



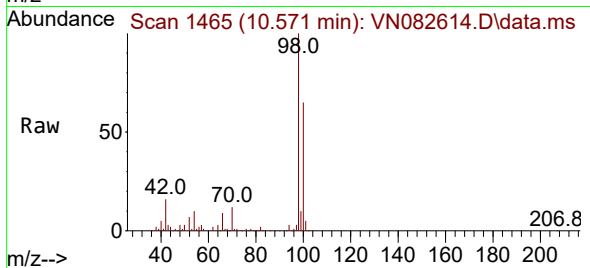
Tgt Ion: 43 Resp: 248009
Ion Ratio Lower Upper
43 100
61 11.3 17.8 26.6#
87 7.0 8.2 12.2#





#50
Toluene-d8
Concen: 52.124 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

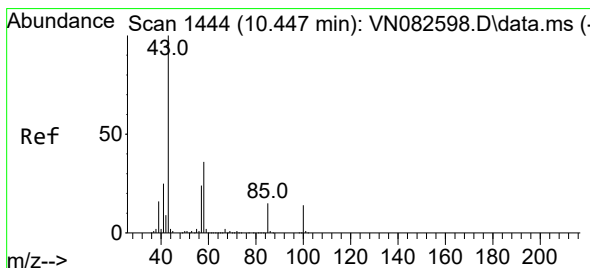
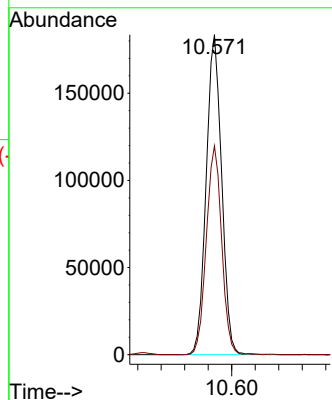
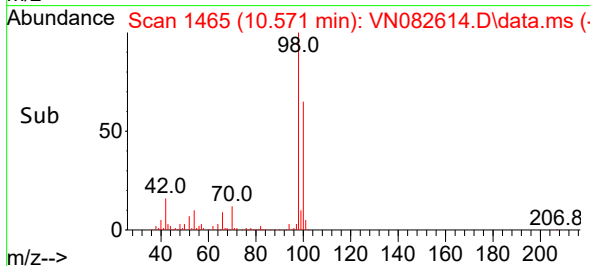
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



Tgt Ion: 98 Resp: 333800
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

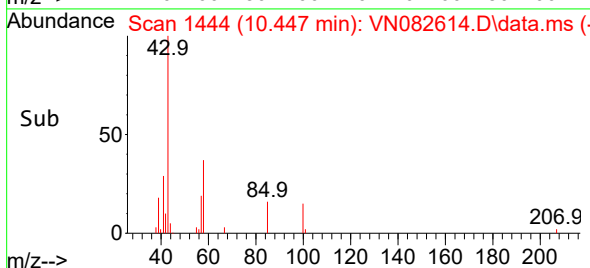
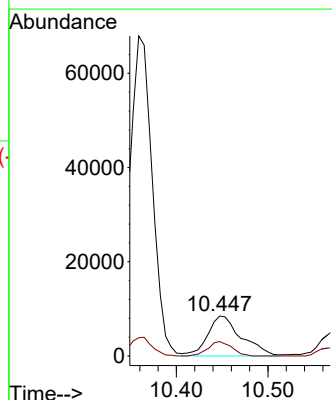
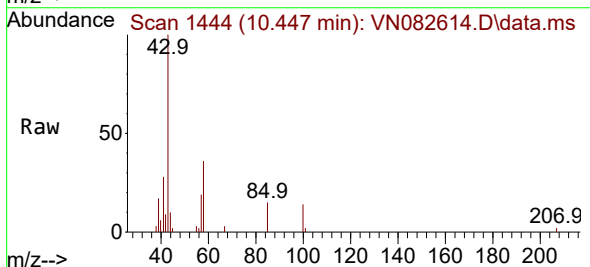
Manual Integrations
APPROVED

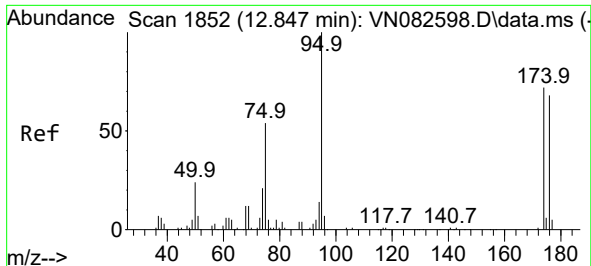
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#51
4-Methyl-2-Pentanone
Concen: 7.039 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

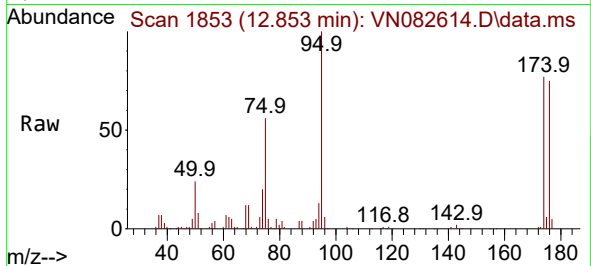
Tgt Ion: 43 Resp: 21758
Ion Ratio Lower Upper
43 100
58 16.1 28.2 42.4#





#62
4-Bromofluorobenzene
Concen: 49.925 ug/l
RT: 12.853 min Scan# 110230
Delta R.T. 0.006 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23

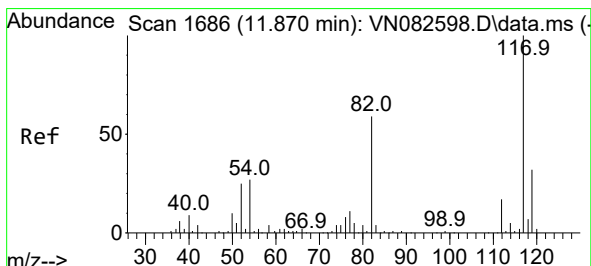
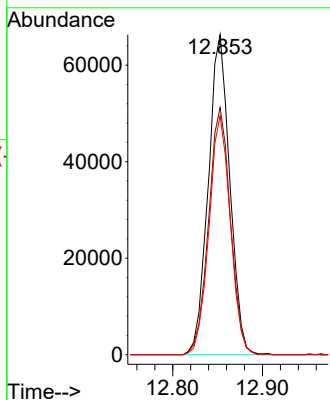
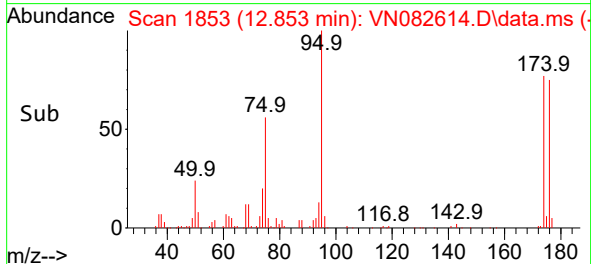
Instrument :
MSVOA_N
ClientSampleId :
PB161507ZHE#01



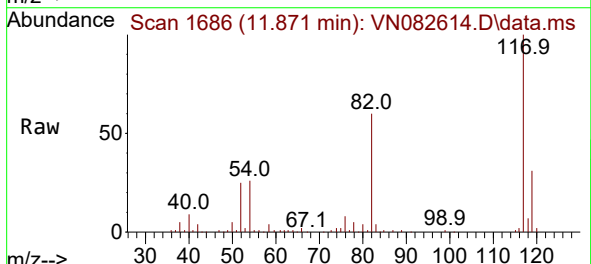
Tgt Ion: 95 Resp: 110230
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 73.9 0.0 147.6

Manual Integrations
APPROVED

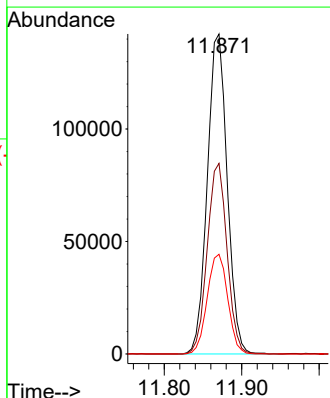
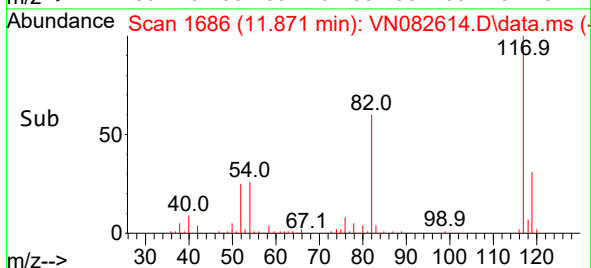
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

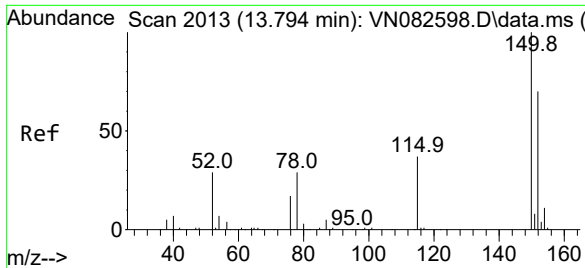


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082614.D
Acq: 17 Jun 2024 17:23



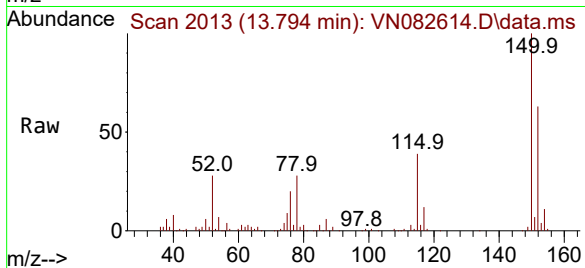
Tgt Ion:117 Resp: 254109
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082614.D
 Acq: 17 Jun 2024 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161507ZHE#01



Tgt Ion:152 Resp: 101569
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.6 91.6
 150 160.0 0.0 348.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/18/2024
 Supervised By :Mahesh Dadoda 06/18/2024

