

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080771.D
 Acq On : 26 Jan 2024 15:48
 Operator : JC\MD
 Sample : PB158617ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	249056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79811	45.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.880%			
35) Dibromofluoromethane	8.171	113	66242	50.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	10.571	98	275376	54.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.853	95	103994	53.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.512	59	2702	9.097	ug/l #	78
16) Acetone	4.436	43	20833	36.132	ug/l	96
20) Methylene Chloride	5.289	84	8091m	4.807	ug/l	
25) 2-Butanone	7.494	43	14563	13.973	ug/l #	60
37) Ethyl Acetate	7.571	43	3877	1.480	ug/l #	73
43) Isopropyl Acetate	8.694	43	144441	29.988	ug/l #	79

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

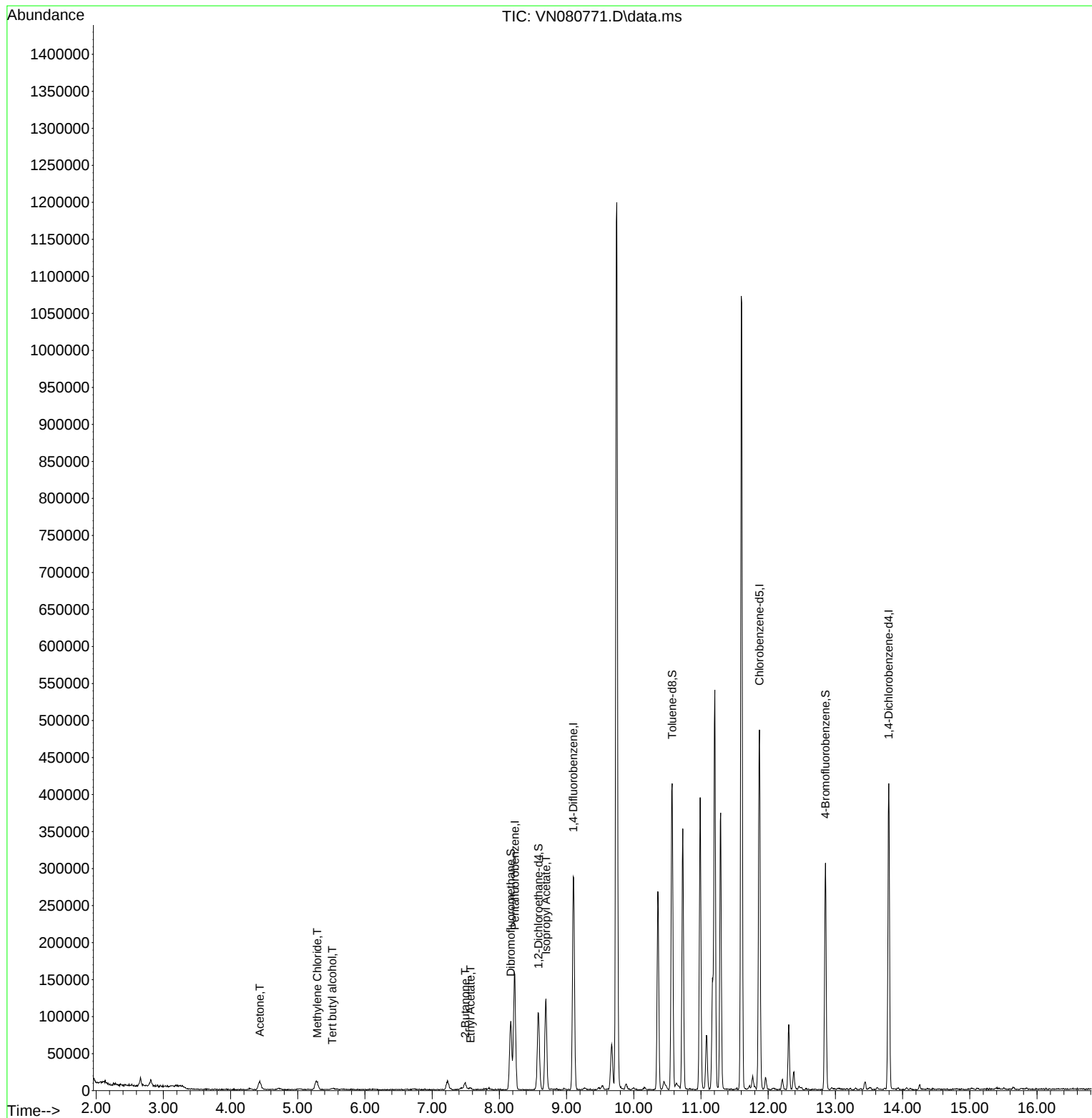
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
Data File : VN080771.D
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Operator : JC\MD
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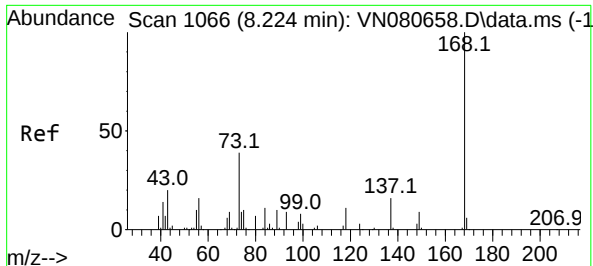
Instrument :
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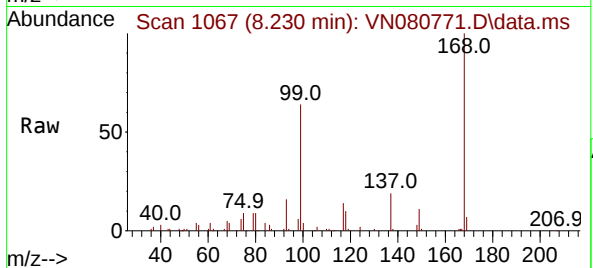
Quant Time: Jan 29 02:32:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

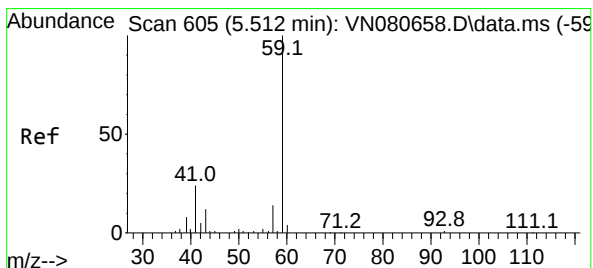
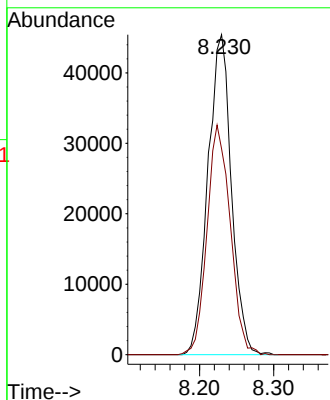
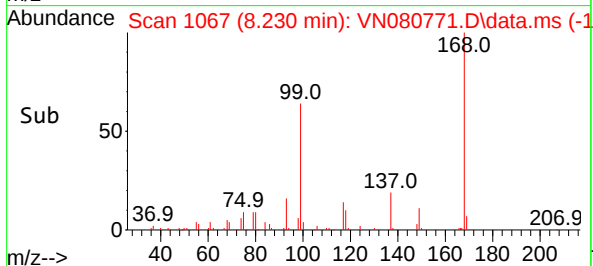
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04



Tgt Ion:168 Resp: 100000
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6

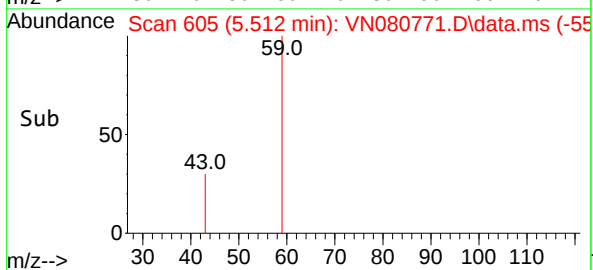
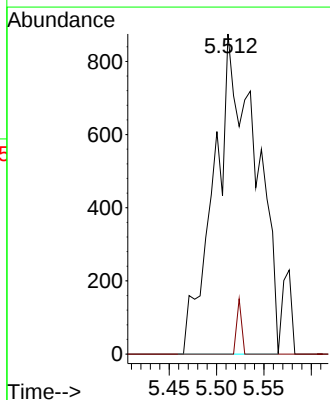
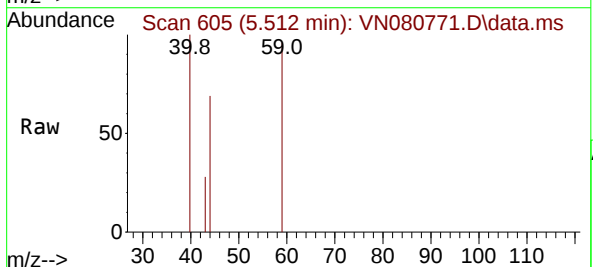
Manual Integrations
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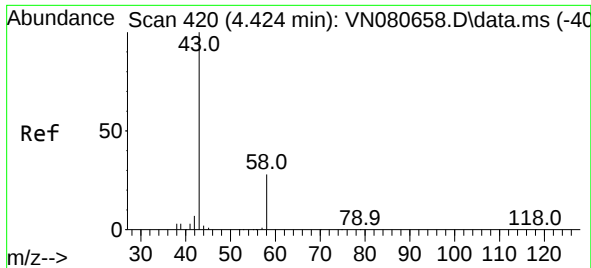
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#11
Tert butyl alcohol
Concen: 9.097 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 59 Resp: 2702
Ion Ratio Lower Upper
59 100
57 2.0 8.2 12.4#





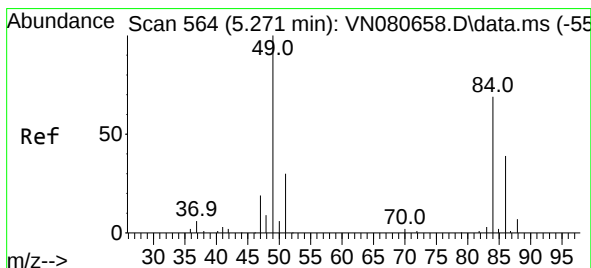
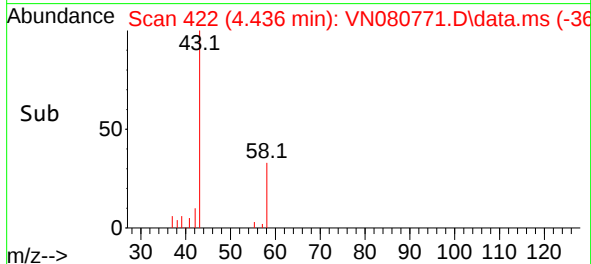
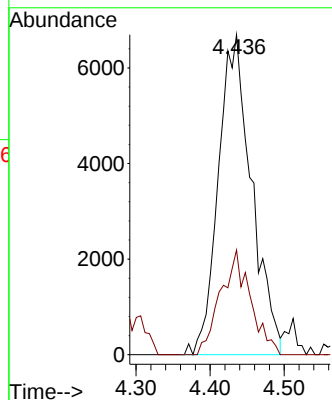
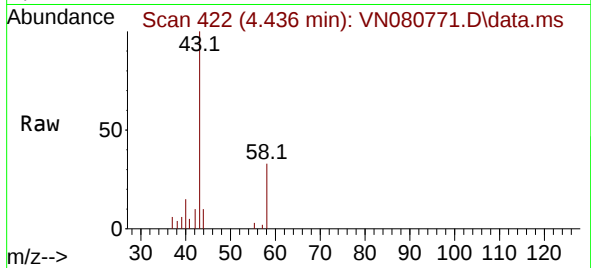
#16
Acetone
Concen: 36.132 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

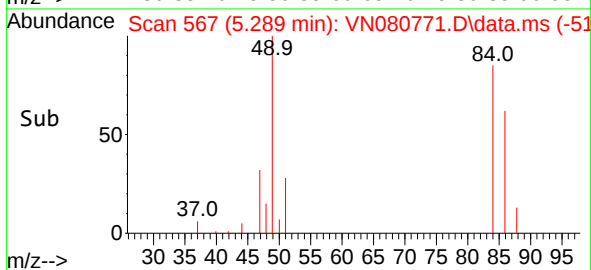
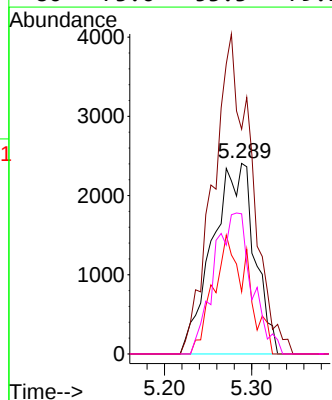
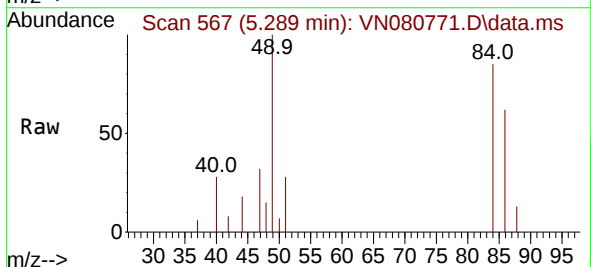
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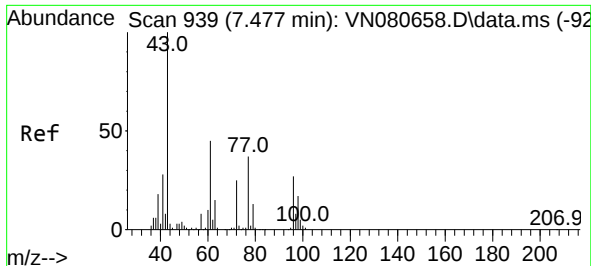
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#20
Methylene Chloride
Concen: 4.807 ug/l m
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

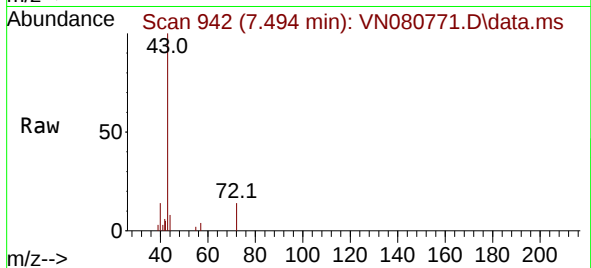
Tgt Ion: 84 Resp: 8091
Ion Ratio Lower Upper
84 100
49 118.0 79.7 119.5
51 32.7 25.2 37.8
86 73.6 53.3 79.9





#25
2-Butanone
Concen: 13.973 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

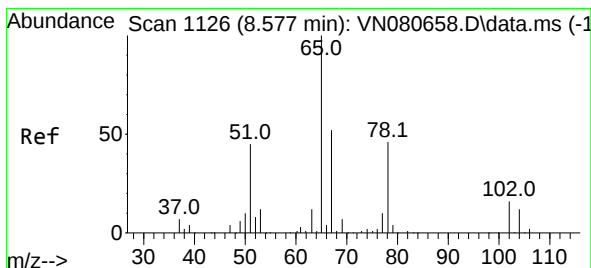
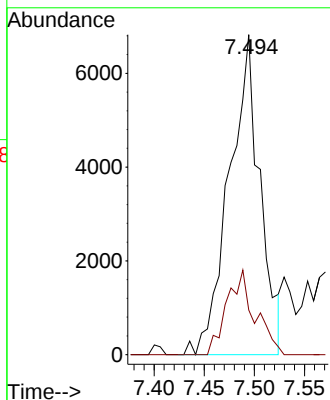
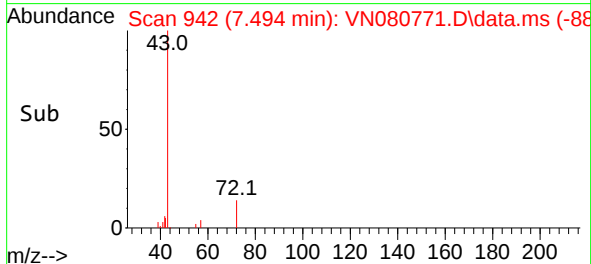
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04



Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
72 14.0 30.2 45.2

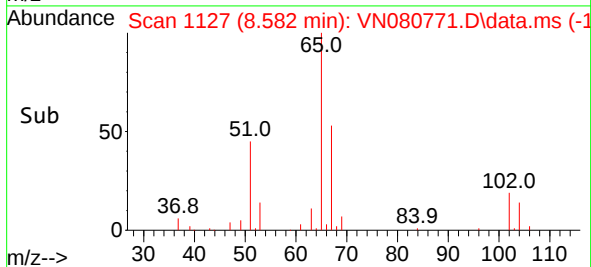
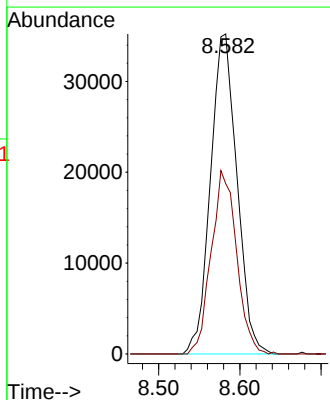
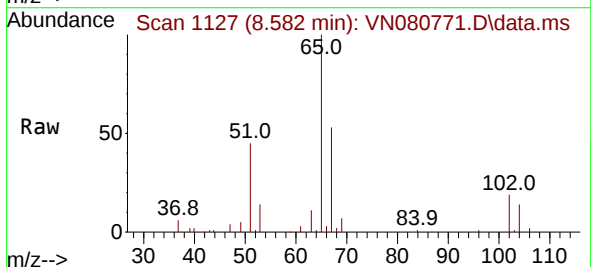
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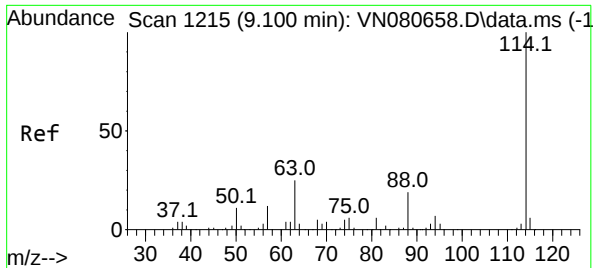
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#33
1,2-Dichloroethane-d4
Concen: 45.444 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

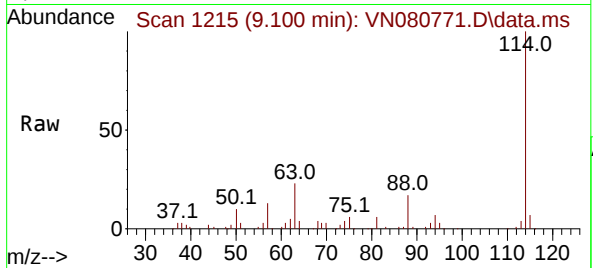
Tgt Ion: 65 Resp: 79811
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

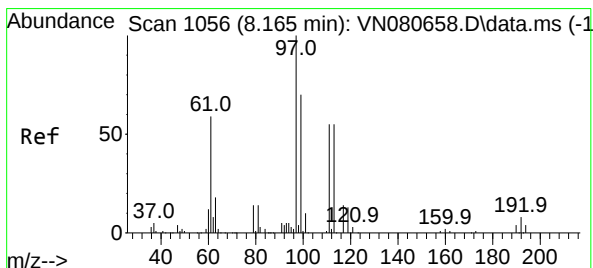
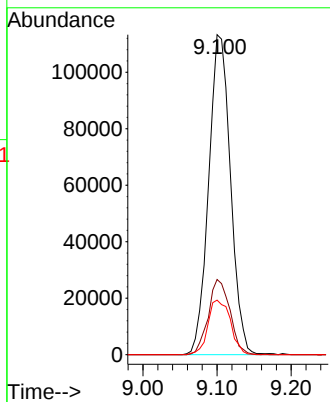
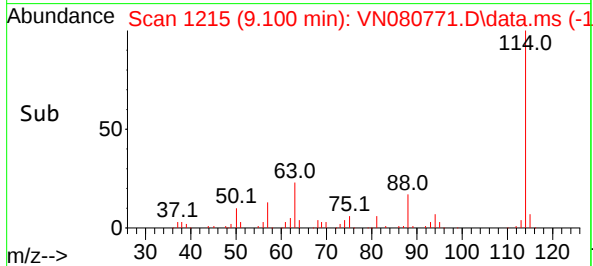
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04



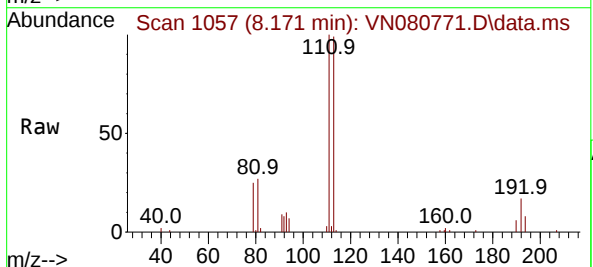
Tgt Ion:114 Resp: 232180
Ion Ratio Lower Upper
114 100
63 23.5 0.0 36.4
88 17.1 0.0 30.6

Manual Integrations
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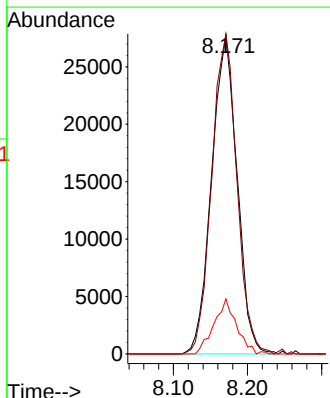
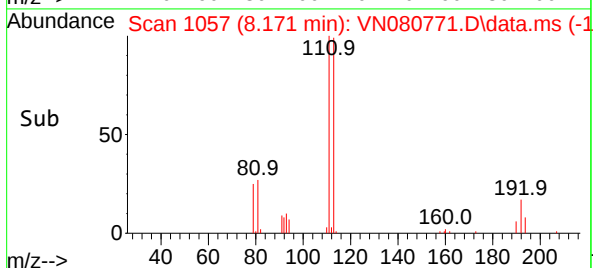
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

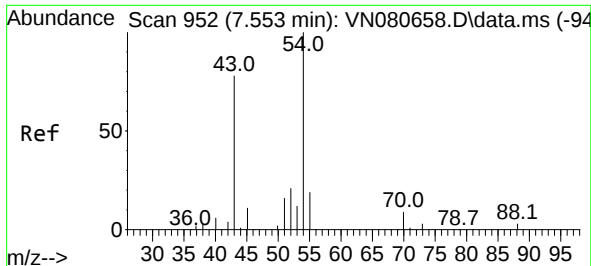


#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48



Tgt Ion:113 Resp: 66242
Ion Ratio Lower Upper
113 100
111 99.1 82.6 123.8
192 15.3 12.7 19.1





#37

Ethyl Acetate

Concen: 1.480 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN080771.D

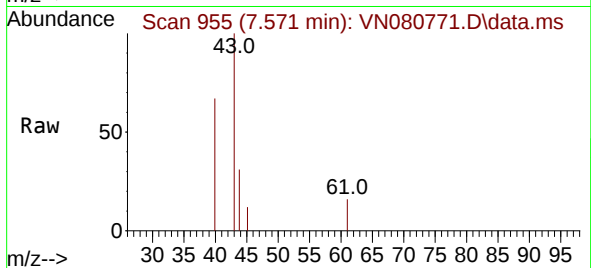
Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB158617ZHE#04

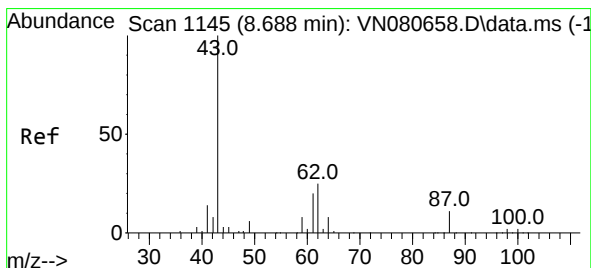
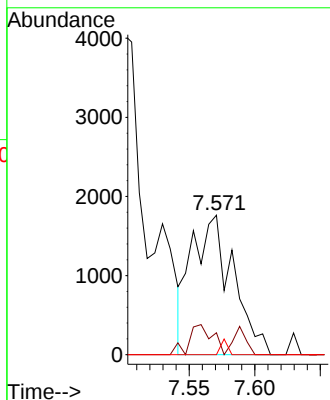
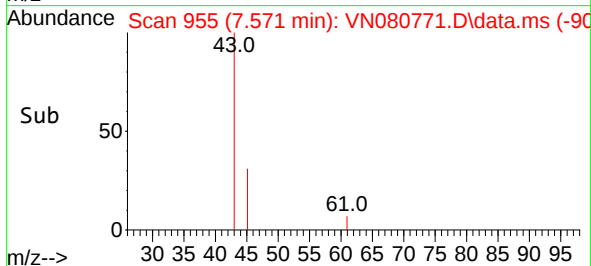


Tgt Ion: 43	Resp: 387
Ion Ratio	Lower Upper
43	100
61	6.1 13.2 19.8
70	1.8 11.3 16.9

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#43

Isopropyl Acetate

Concen: 29.988 ug/l

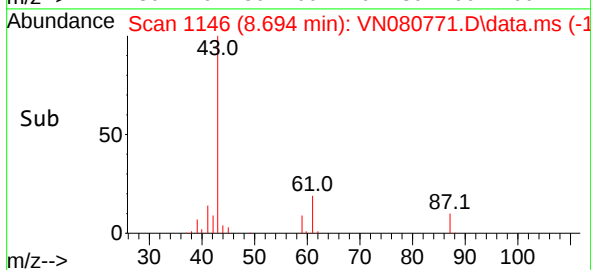
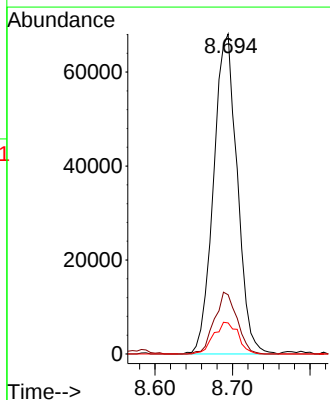
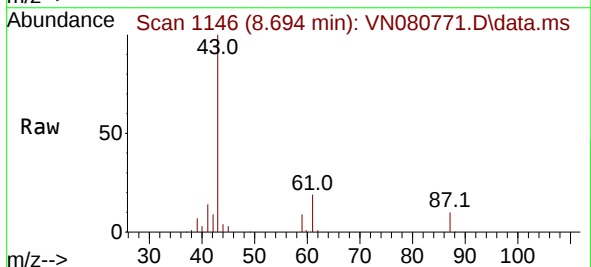
RT: 8.694 min Scan# 1146

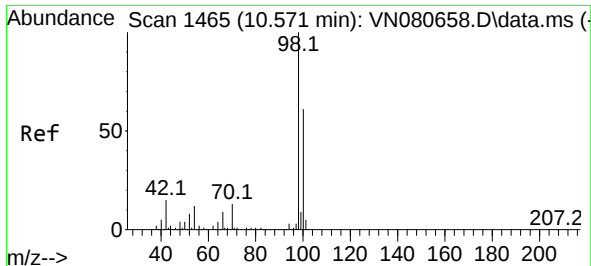
Delta R.T. 0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

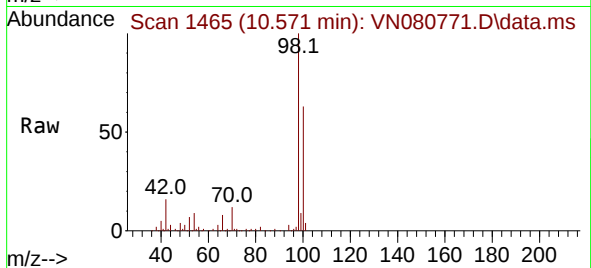
Tgt Ion: 43	Resp: 144441
Ion Ratio	Lower Upper
43	100
61	18.5 24.7 37.1#
87	10.2 14.6 21.8#





#50
Toluene-d8
Concen: 54.745 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

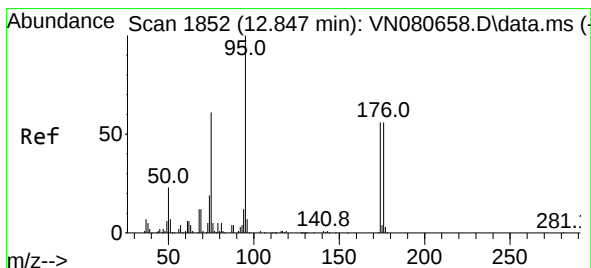
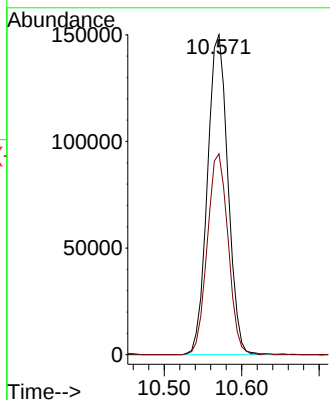
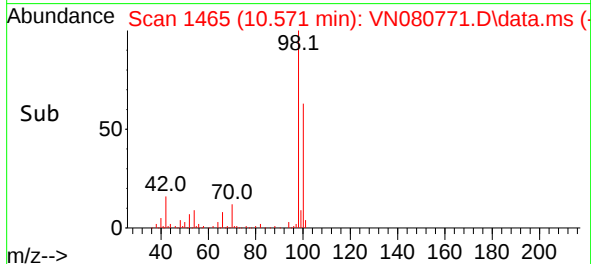
Instrument :
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ClientSampleId :
PB158617ZHE#04



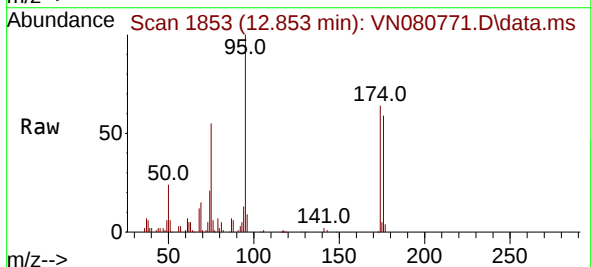
Tgt Ion: 98 Resp: 275370
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

Manual Integrations
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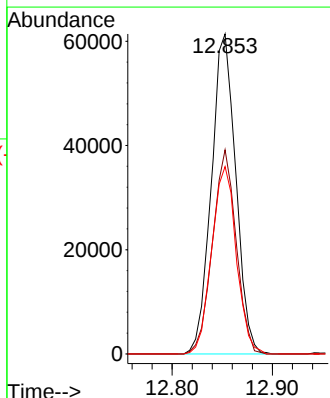
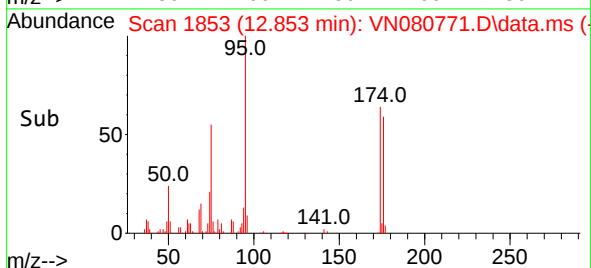
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

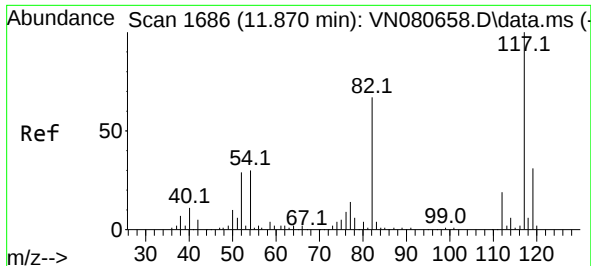


#62
4-Bromofluorobenzene
Concen: 53.912 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48



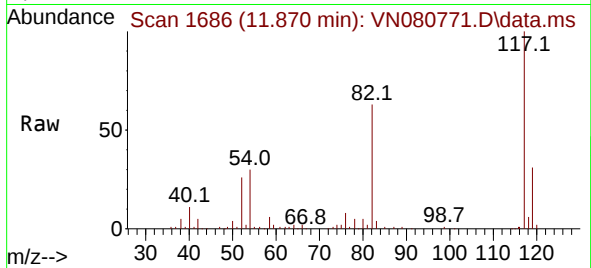
Tgt Ion: 95 Resp: 103994
Ion Ratio Lower Upper
95 100
174 61.8 0.0 143.8
176 58.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

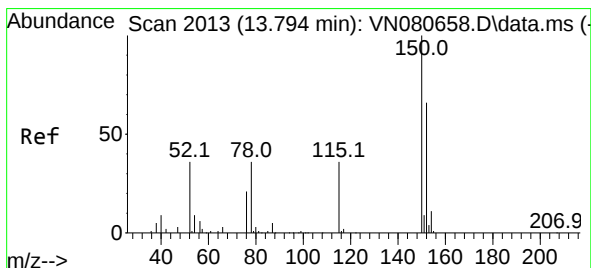
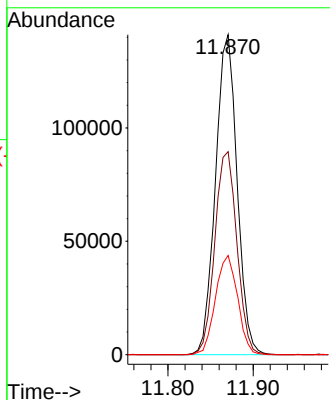
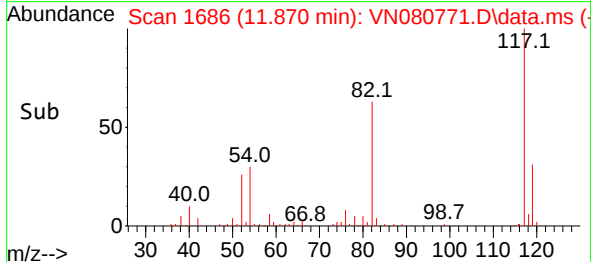
Instrument :
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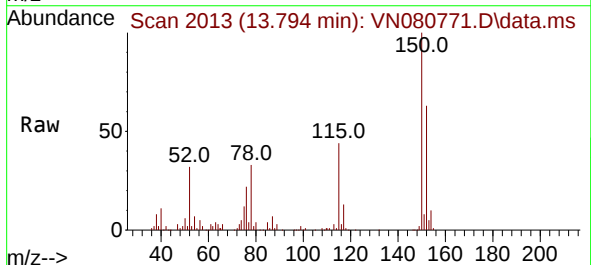
Tgt Ion:117 Resp: 249050
Ion Ratio Lower Upper
117 100
82 63.5 44.0 66.0
119 31.0 25.6 38.4

Manual Integrations
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Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48



Tgt Ion:152 Resp: 95112
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 157.7 0.0 355.8

