

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080534.D
 Acq On : 19 Dec 2023 20:42
 Operator : JC\MD
 Sample : PB157853TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157853TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 04:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	246216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168736	53.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.320%			
35) Dibromofluoromethane	8.165	113	144104	49.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	10.565	98	543483	50.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.853	95	219165	53.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.300%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.494	59	4204m	11.351	ug/l	
16) Acetone	4.430	43	31556	56.593	ug/l	95
20) Methylene Chloride	5.277	84	64932	21.760	ug/l	95
25) 2-Butanone	7.488	43	19134	17.813	ug/l #	81
37) Ethyl Acetate	7.565	43	3280	1.100	ug/l #	78
43) Isopropyl Acetate	8.688	43	112766	21.038	ug/l #	87

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

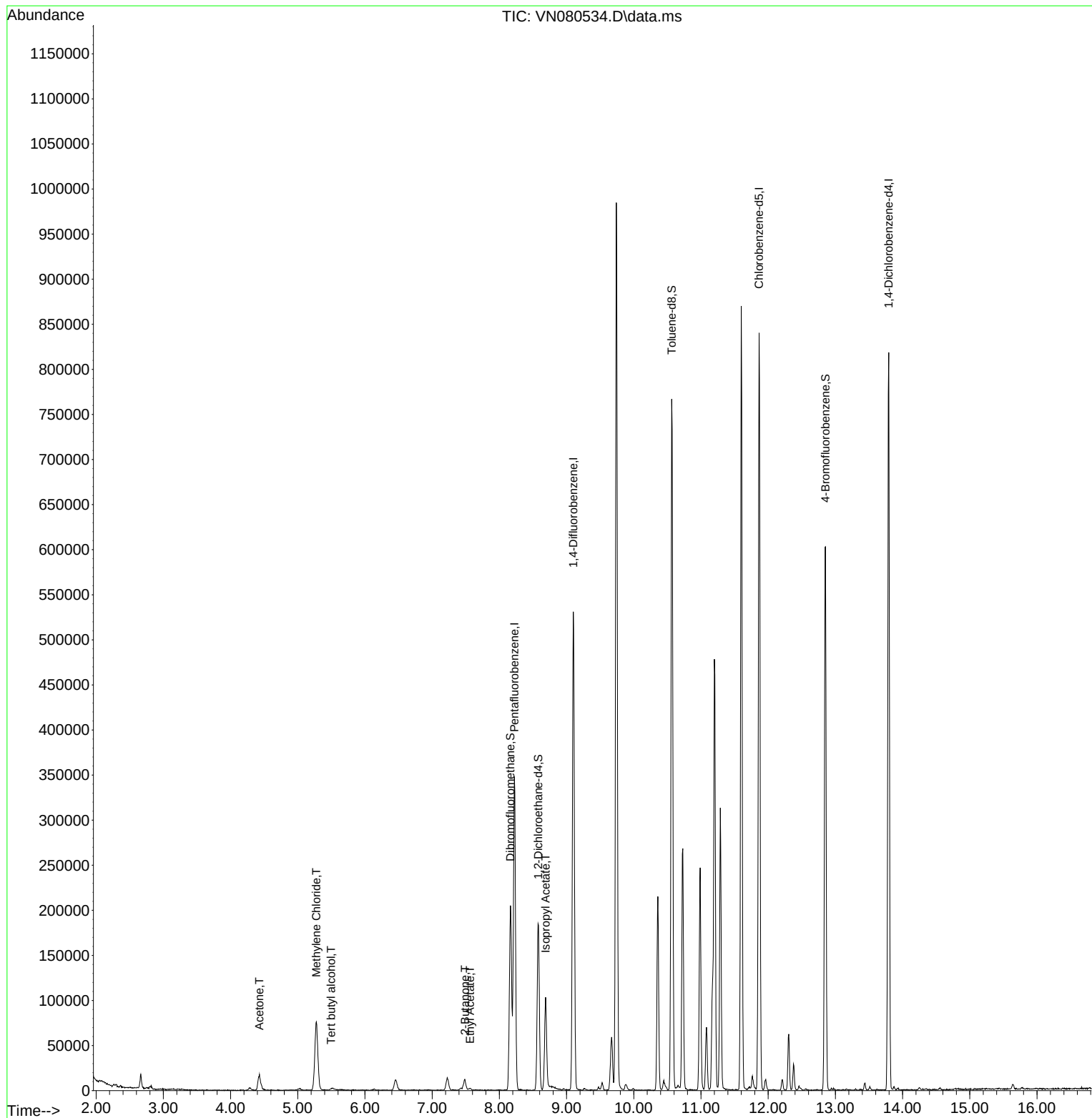
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080534.D
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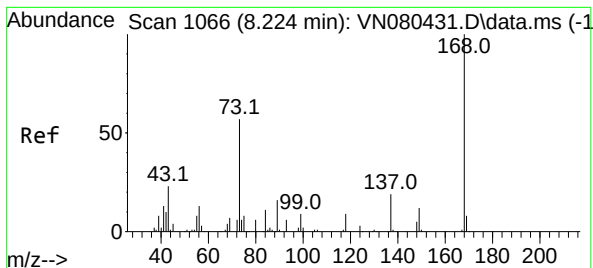
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB

Quant Time: Dec 20 04:08:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
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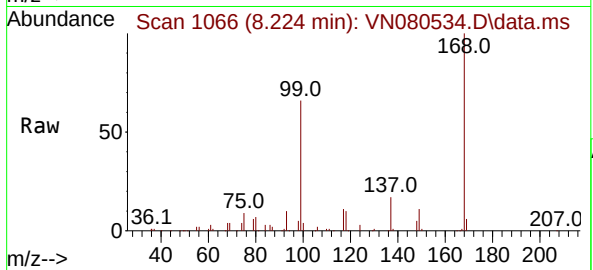
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

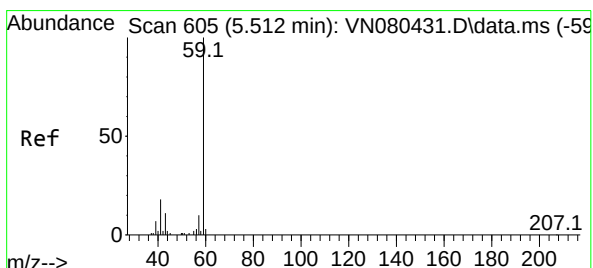
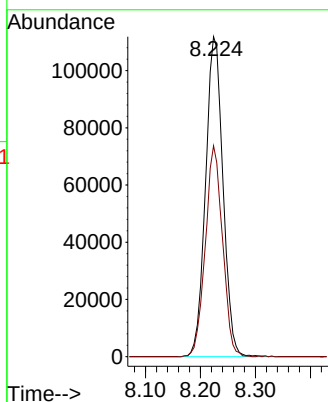
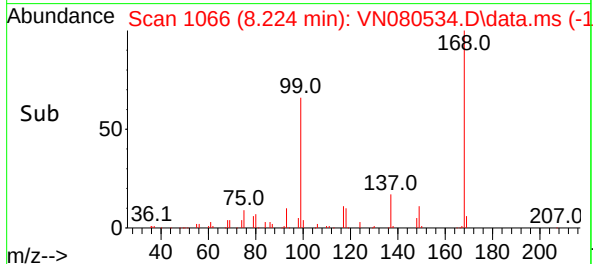
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB



Tgt Ion:168 Resp: 246210
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

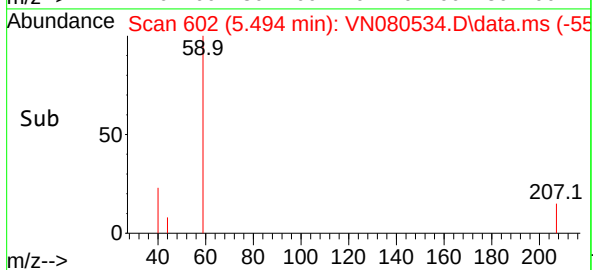
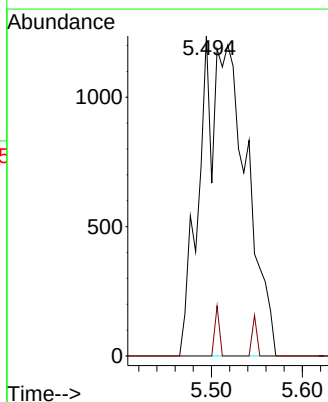
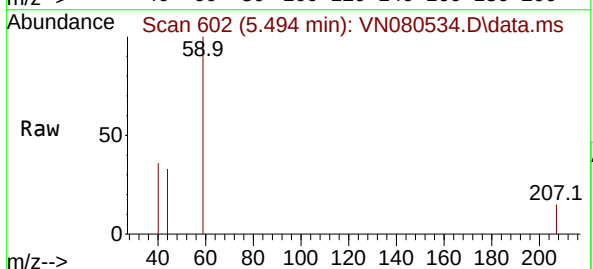
Manual Integrations
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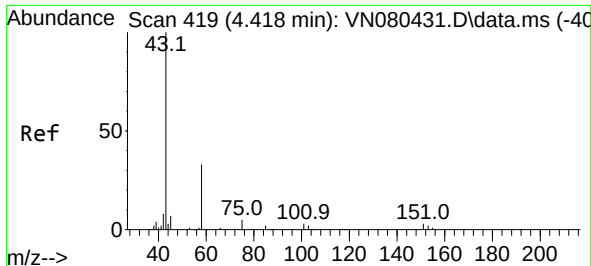
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#11
Tert butyl alcohol
Concen: 11.351 ug/l m
RT: 5.494 min Scan# 602
Delta R.T. -0.018 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

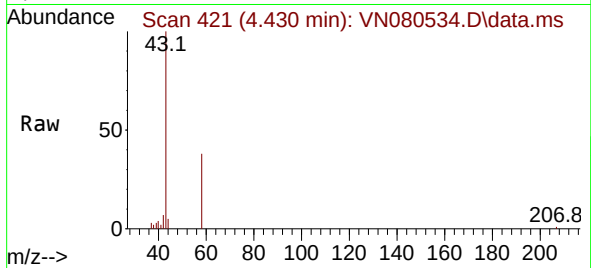
Tgt Ion: 59 Resp: 4204
Ion Ratio Lower Upper
59 100
57 1.6 8.2 12.4#





#16
Acetone
Concen: 56.593 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

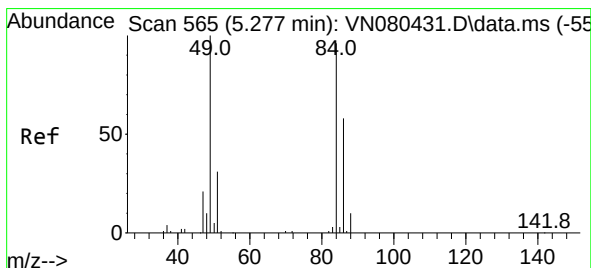
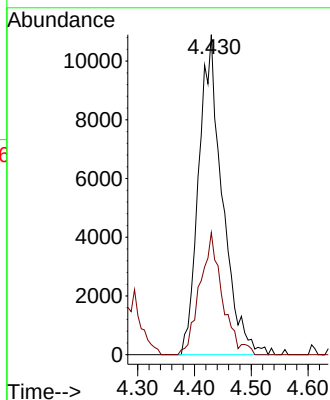
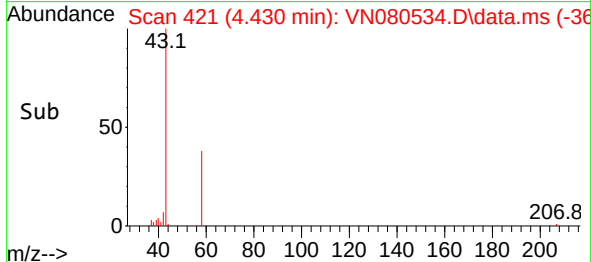
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB



Tgt Ion: 43 Resp: 31550
Ion Ratio Lower Upper
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58 38.2 28.0 42.0

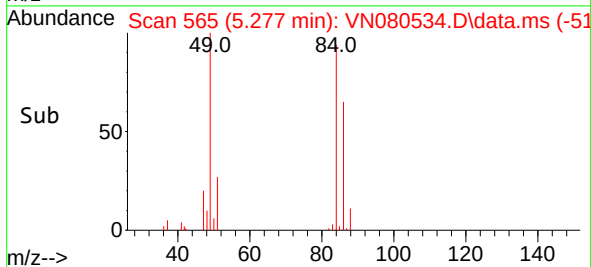
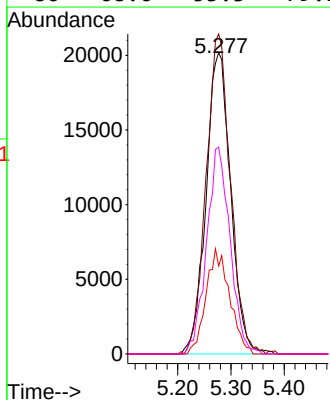
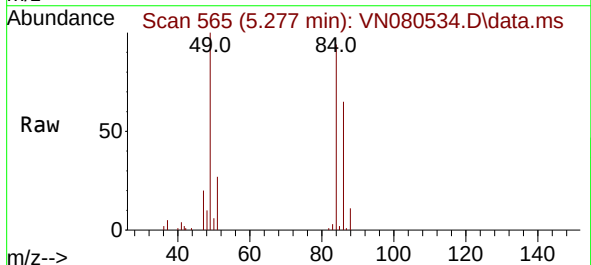
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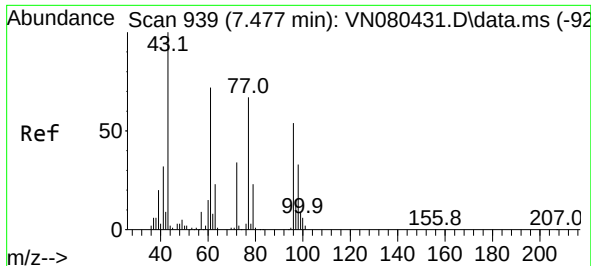
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#20
Methylene Chloride
Concen: 21.760 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

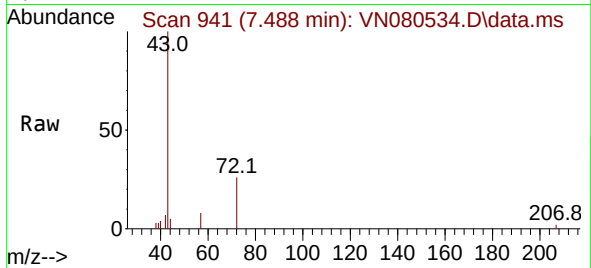
Tgt Ion: 84 Resp: 64932
Ion Ratio Lower Upper
84 100
49 106.1 79.7 119.5
51 29.2 25.2 37.8
86 68.6 53.3 79.9





#25
2-Butanone
Concen: 17.813 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

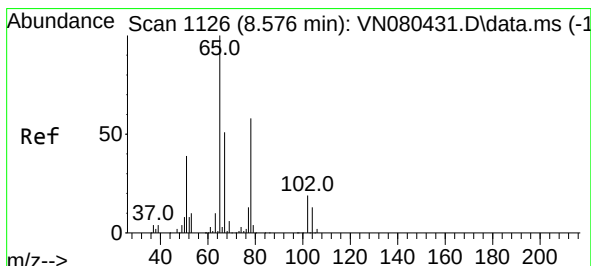
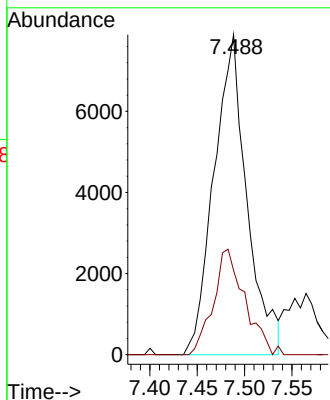
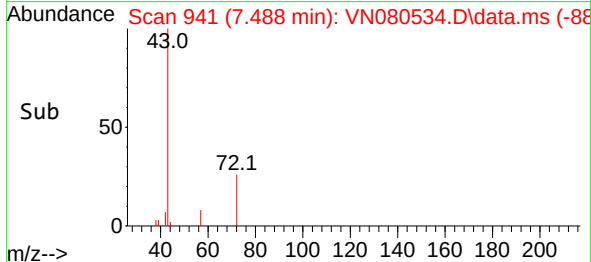
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB



Tgt Ion: 43 Resp: 19134
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2

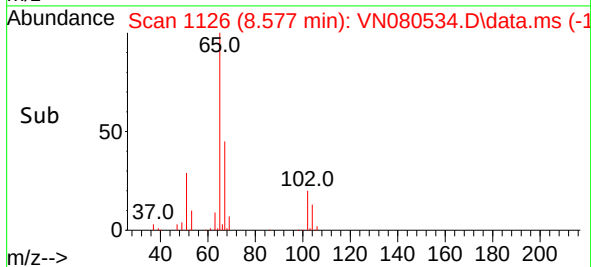
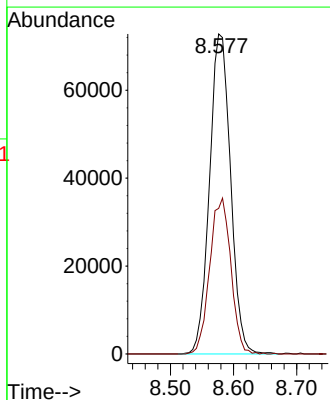
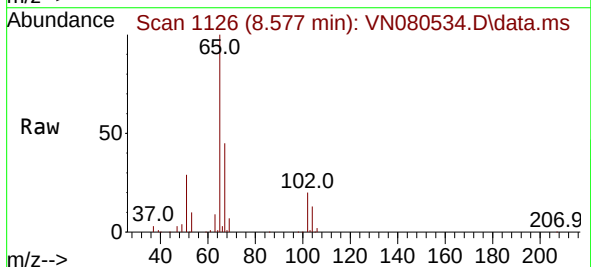
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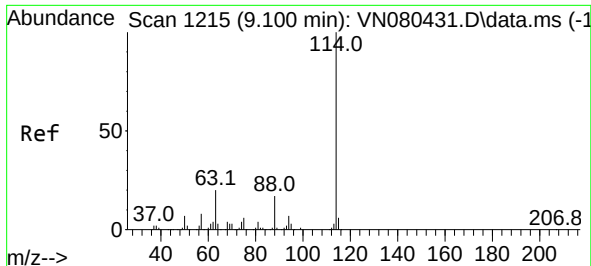
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#33
1,2-Dichloroethane-d4
Concen: 53.657 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

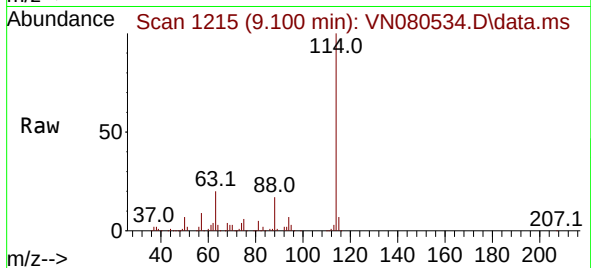
Tgt Ion: 65 Resp: 168736
Ion Ratio Lower Upper
65 100
67 48.8 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

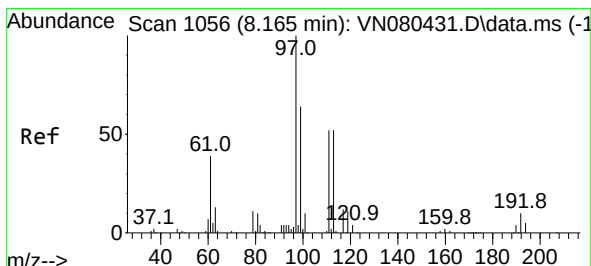
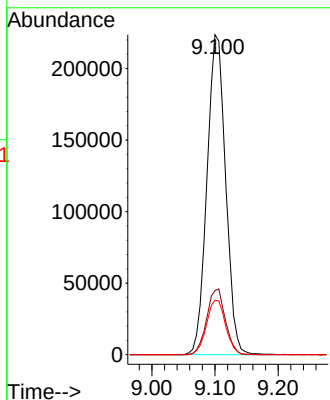
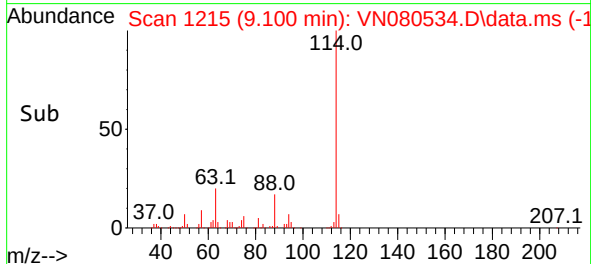
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB



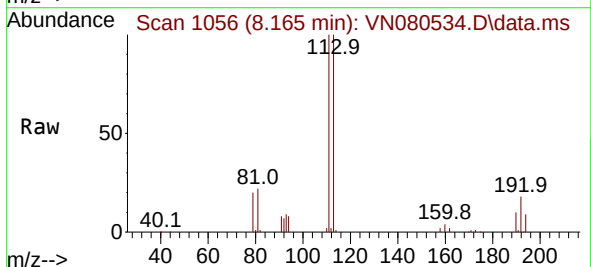
Tgt Ion:114 Resp: 459208
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 17.0 0.0 30.6

Manual Integrations
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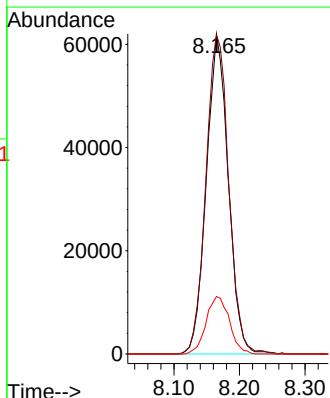
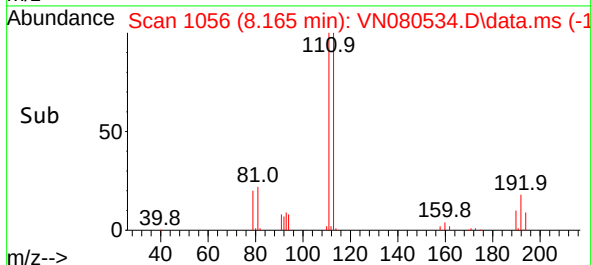
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

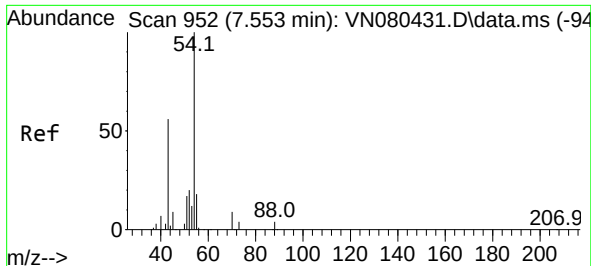


#35
Dibromofluoromethane
Concen: 49.494 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42



Tgt Ion:113 Resp: 144104
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.0 12.7 19.1





#37

Ethyl Acetate

Concen: 1.100 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN080534.D

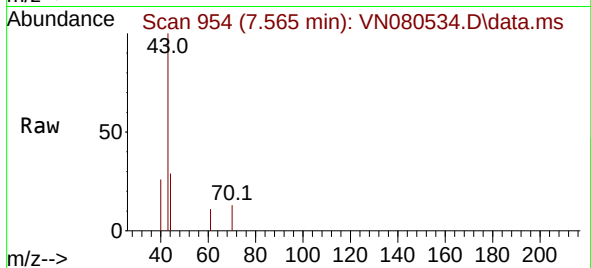
Acq: 19 Dec 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

PB157853TB



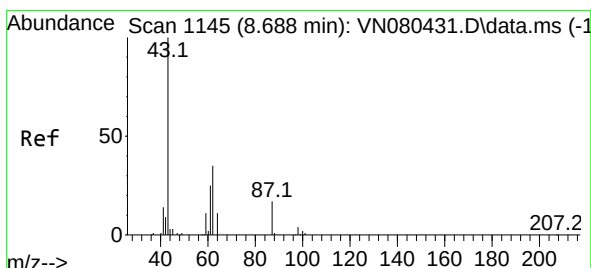
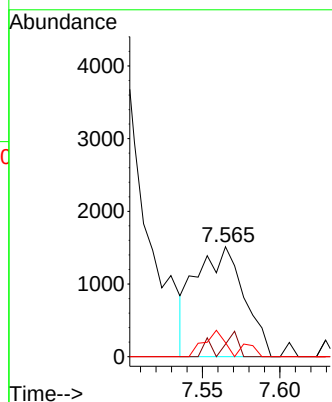
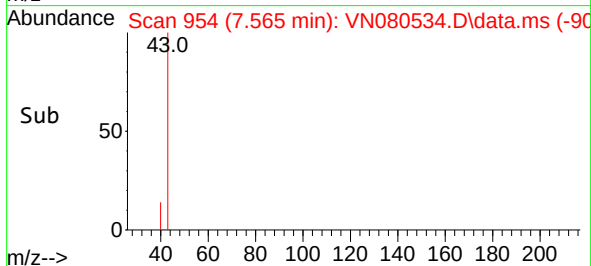
Tgt Ion:	43	Resp:	3280
Ion Ratio	Lower	Upper	
43	100		
61	8.4	13.2	19.8
70	3.5	11.3	16.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2023



#43

Isopropyl Acetate

Concen: 21.038 ug/l

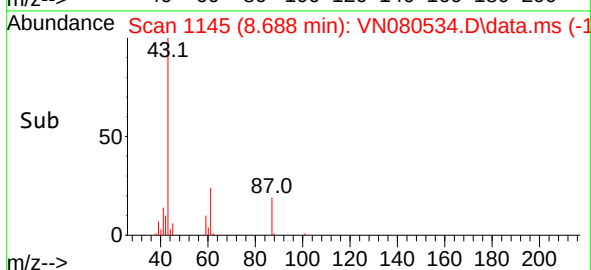
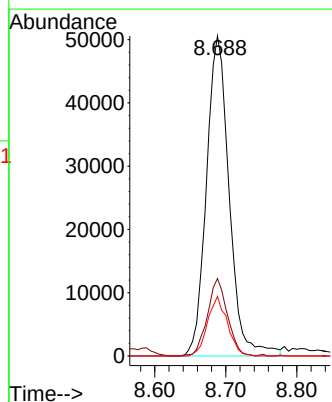
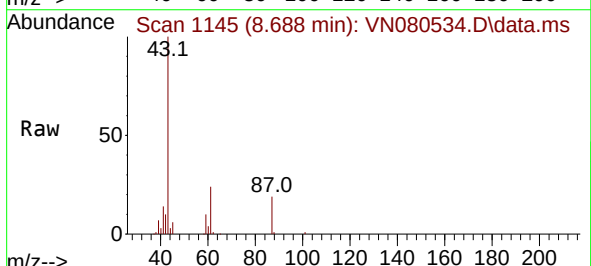
RT: 8.688 min Scan# 1145

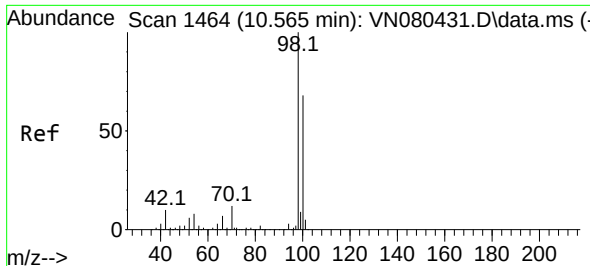
Delta R.T. 0.000 min

Lab File: VN080534.D

Acq: 19 Dec 2023 20:42

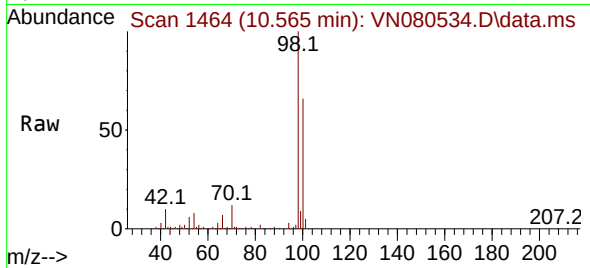
Tgt Ion:	43	Resp:	112766
Ion Ratio	Lower	Upper	
43	100		
61	21.2	24.7	37.1
87	16.2	14.6	21.8





#50
Toluene-d8
Concen: 50.051 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

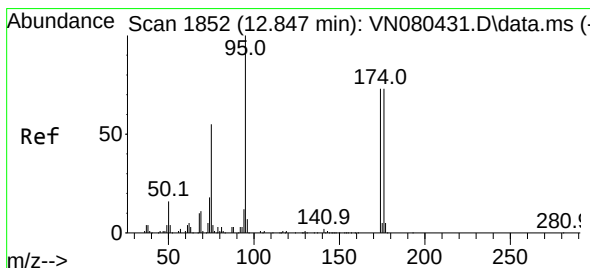
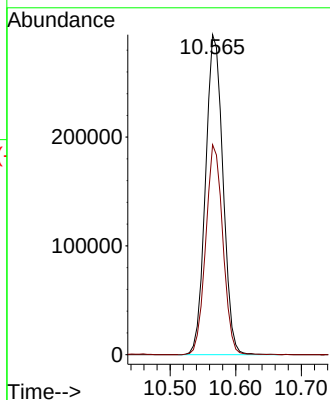
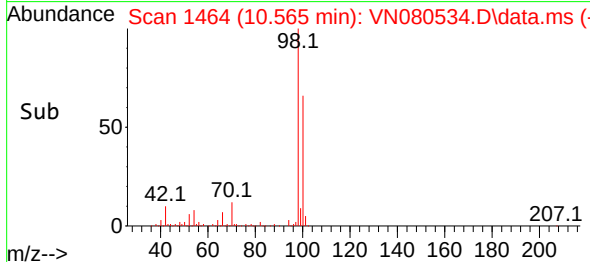
Instrument :
MSVOA_N
ClientSampleId :
PB157853TB



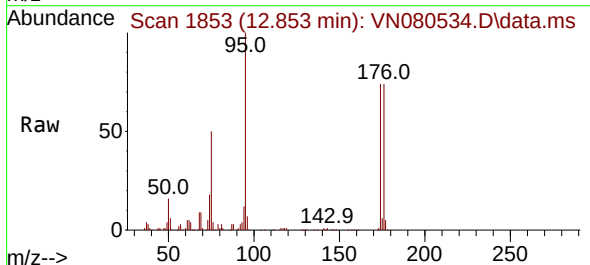
Tgt Ion: 98 Resp: 54348
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

Manual Integrations
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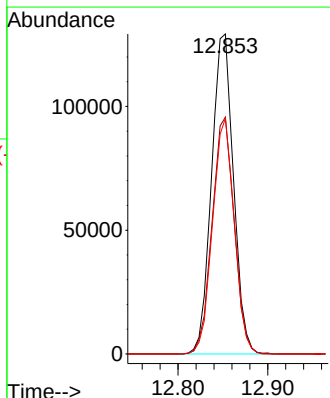
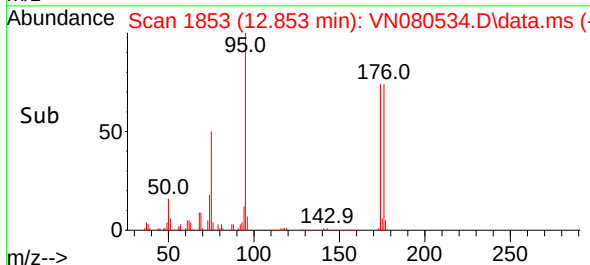
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

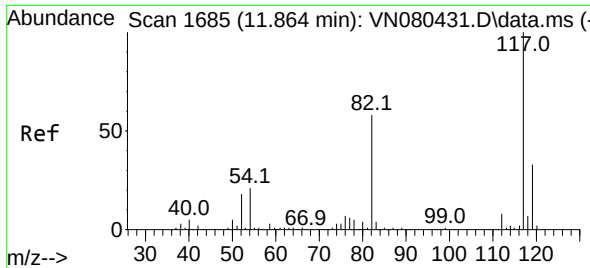


#62
4-Bromofluorobenzene
Concen: 53.153 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42



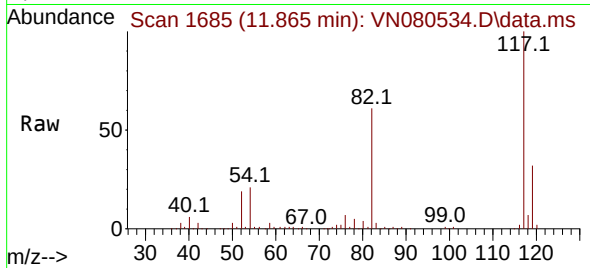
Tgt Ion: 95 Resp: 219165
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42

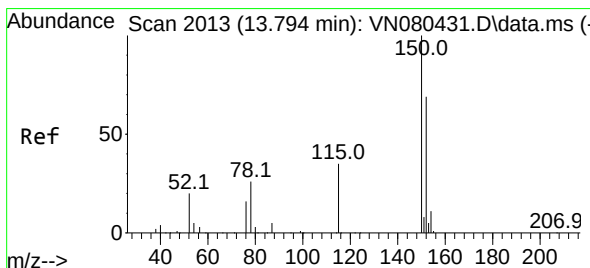
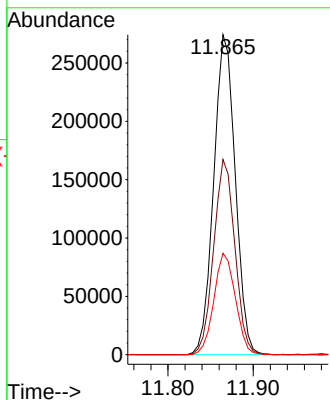
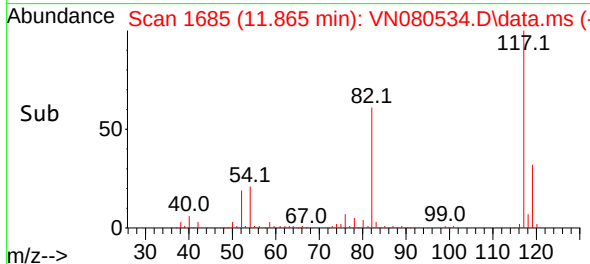
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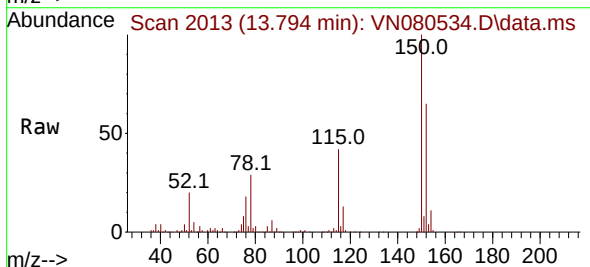
Tgt Ion:117 Resp: 48201
Ion Ratio Lower Upper
117 100
82 61.0 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
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Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080534.D
Acq: 19 Dec 2023 20:42



Tgt Ion:152 Resp: 224622
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 154.2 0.0 355.8

