

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080690.D
 Acq On : 12 Jan 2024 15:20
 Operator : JC\MD
 Sample : PB158389ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2024
 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 12 22:13:42 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	8.224	168	151237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113714	42.816	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.640%		
35) Dibromofluoromethane	8.165	113	96953	49.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	10.571	98	388001	51.854	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.847	95	159835	55.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.400%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	52554	60.272	ug/l	96
20) Methylene Chloride	5.271	84	8865m	3.483	ug/l	
25) 2-Butanone	7.489	43	8179	5.189	ug/l #	77
37) Ethyl Acetate	7.559	43	6110	1.567	ug/l #	73
43) Isopropyl Acetate	8.688	43	170291	23.767	ug/l #	80

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

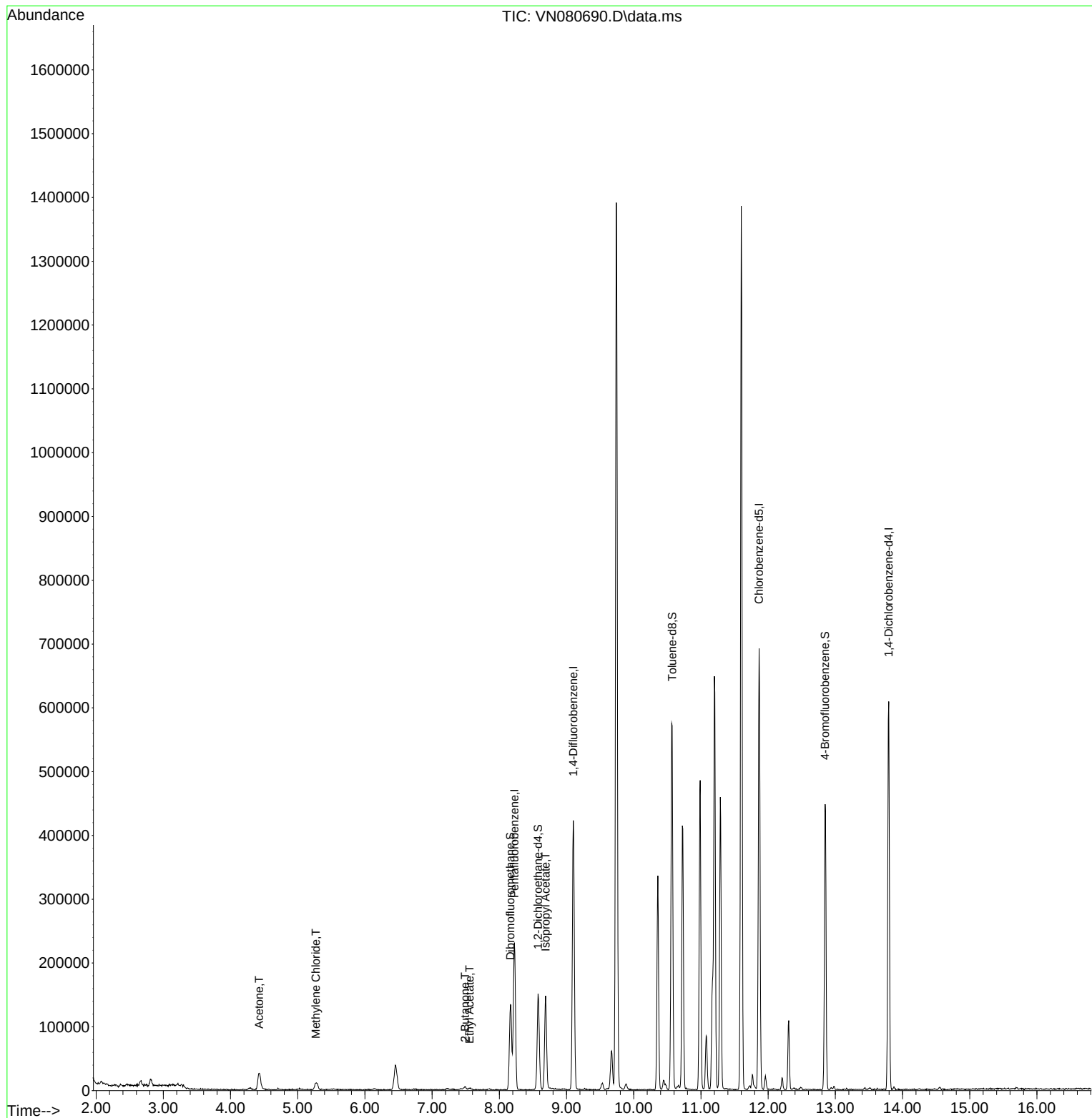
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080690.D
Acq On : 12 Jan 2024 15:20
Operator : JC\MD
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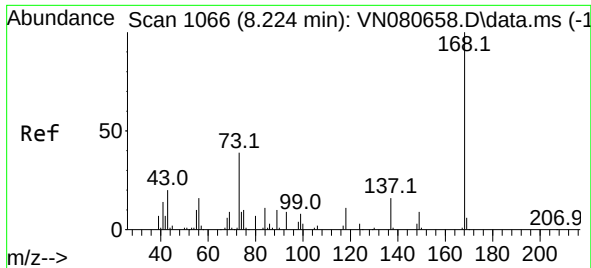
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#03

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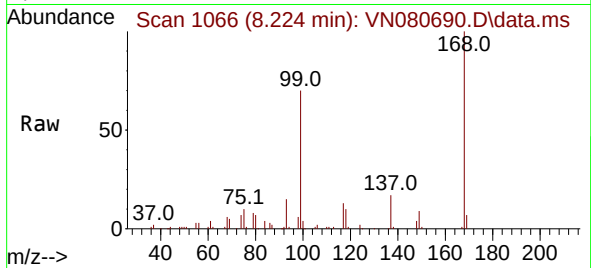
Quant Time: Jan 12 22:13:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

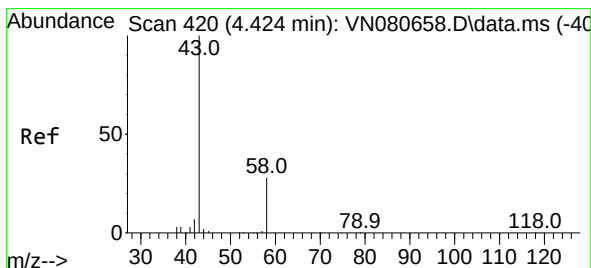
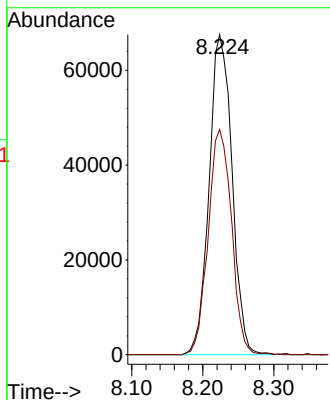
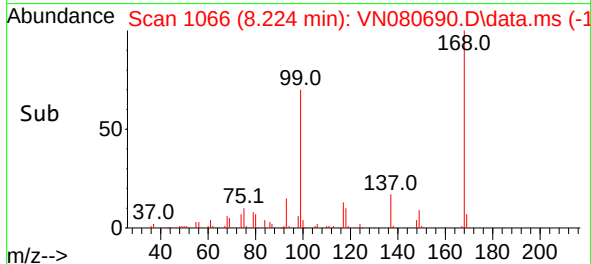
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#03



Tgt Ion:168 Resp: 15123
Ion Ratio Lower Upper
168 100
99 70.4 53.0 79.6

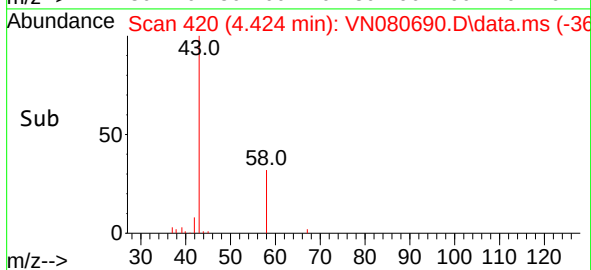
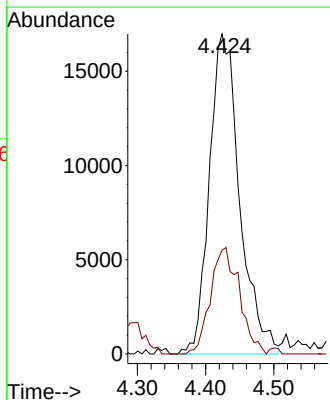
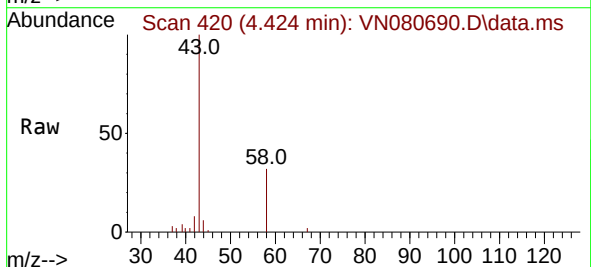
Manual Integrations
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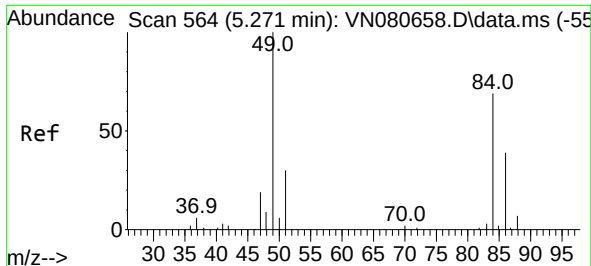
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#16
Acetone
Concen: 60.272 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

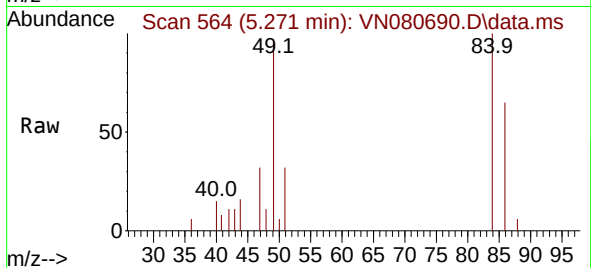
Tgt Ion: 43 Resp: 52554
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





#20
Methylene Chloride
Concen: 3.483 ug/l m
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

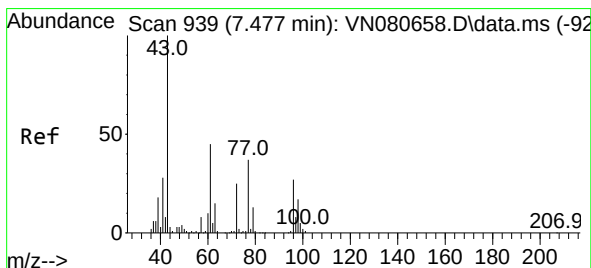
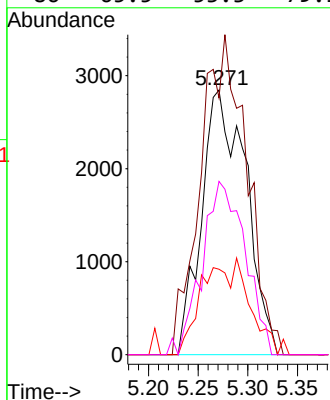
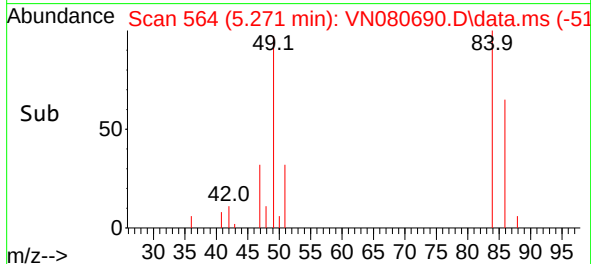
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#03



Tgt Ion: 84 Resp: 886
Ion Ratio Lower Upper
84 100
49 97.0 79.7 119.5
51 32.3 25.2 37.8
86 65.5 53.3 79.9

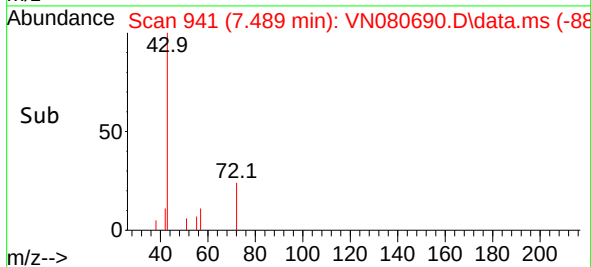
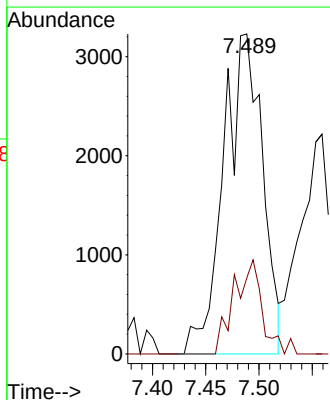
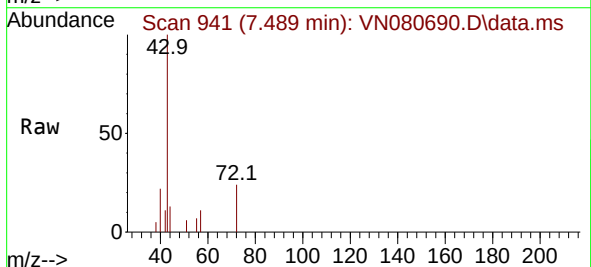
Manual Integrations
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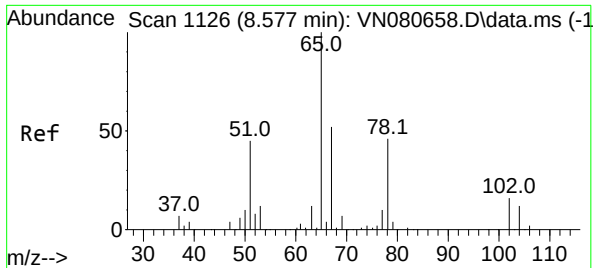
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#25
2-Butanone
Concen: 5.189 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

Tgt Ion: 43 Resp: 8179
Ion Ratio Lower Upper
43 100
72 23.8 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 42.816 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080690.D

Acq: 12 Jan 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#03

Tgt Ion: 65 Resp: 113714

Ion Ratio Lower Upper

65 100

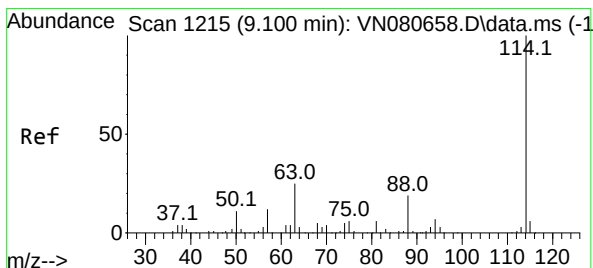
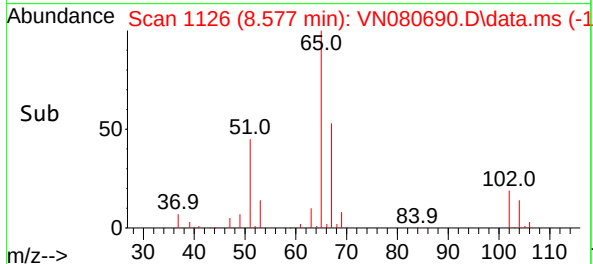
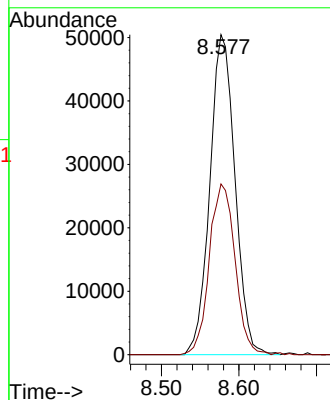
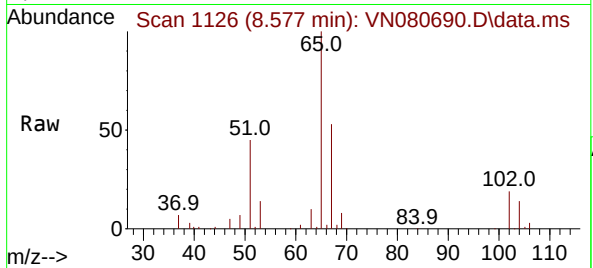
67 54.4 0.0 106.6

Manual Integrations

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Supervised By :Mahesh Dadoda 01/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080690.D

Acq: 12 Jan 2024 15:20

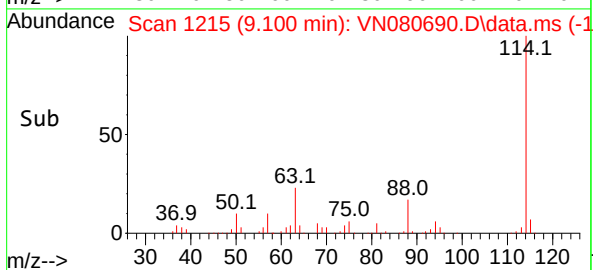
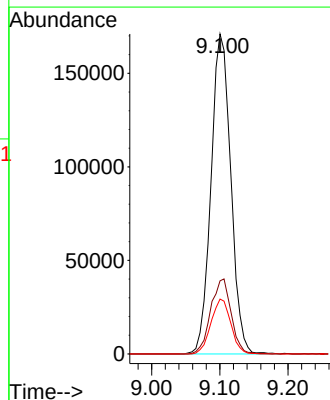
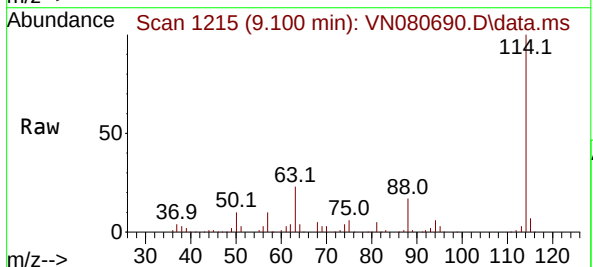
Tgt Ion:114 Resp: 345379

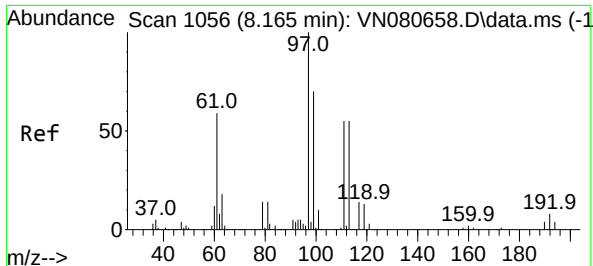
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

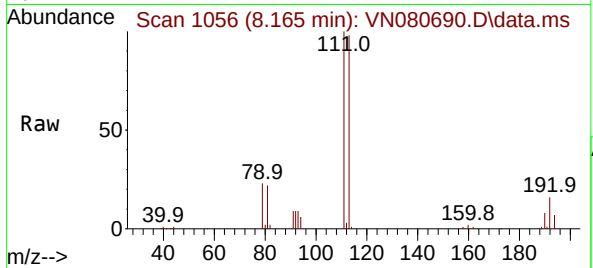
88 17.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.406 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

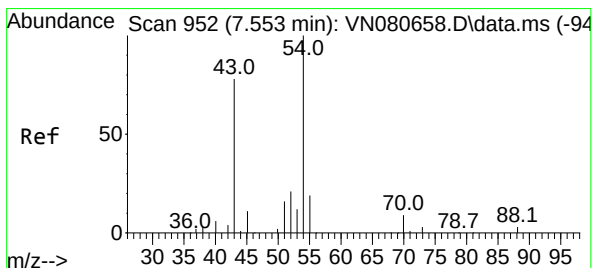
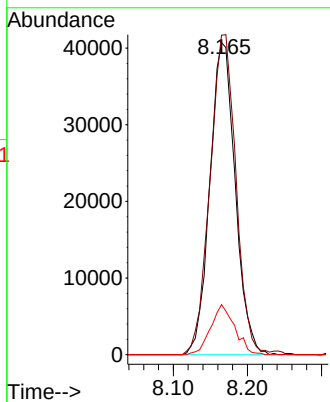
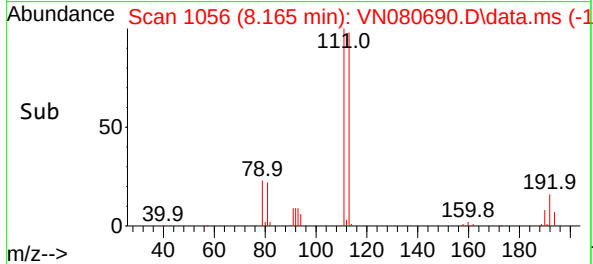
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#03



Tgt Ion:113 Resp: 9695
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 15.2 12.7 19.1

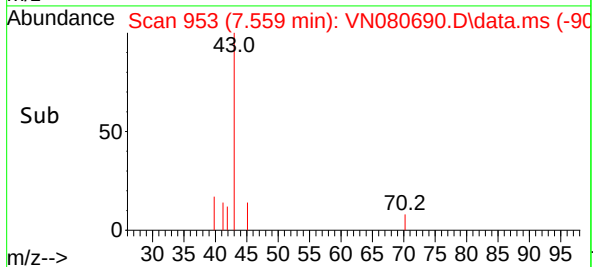
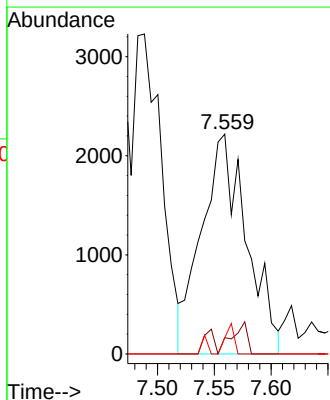
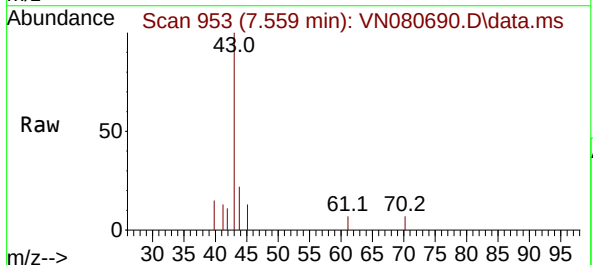
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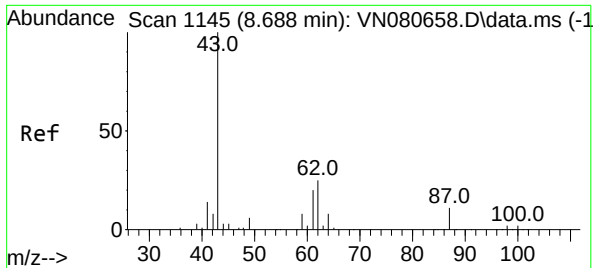
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#37
Ethyl Acetate
Concen: 1.567 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

Tgt Ion: 43 Resp: 6110
Ion Ratio Lower Upper
43 100
61 4.9 13.2 19.8#
70 2.7 11.3 16.9#





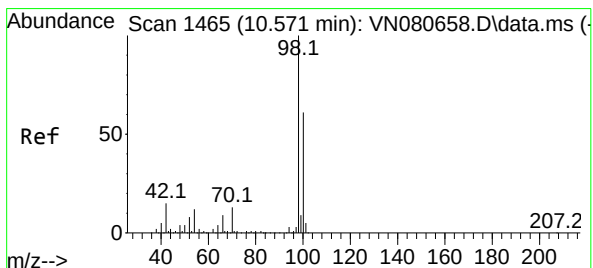
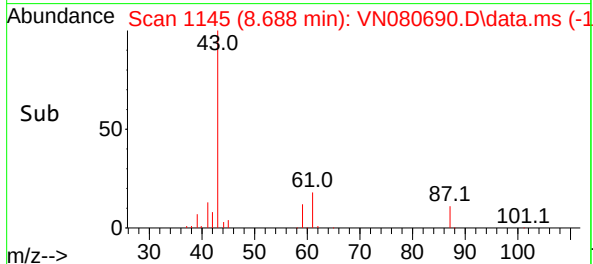
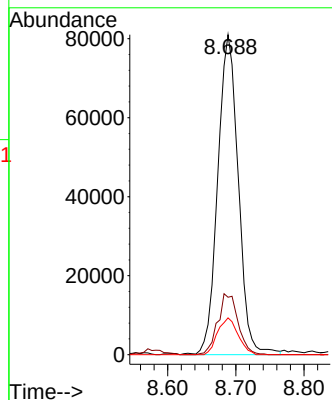
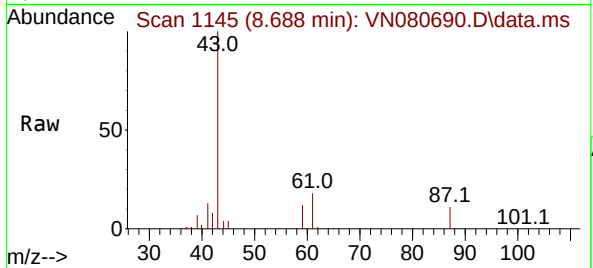
#43
Isopropyl Acetate
Concen: 23.767 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#03

Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1
87 11.4 14.6 21.8

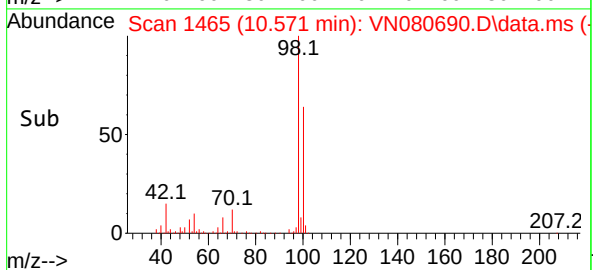
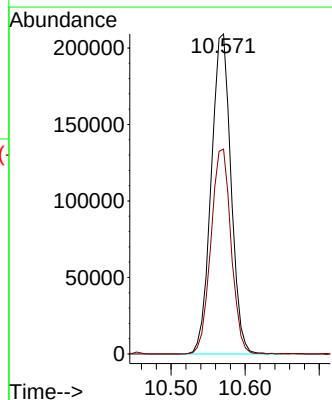
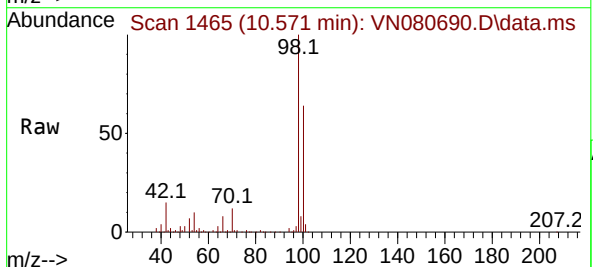
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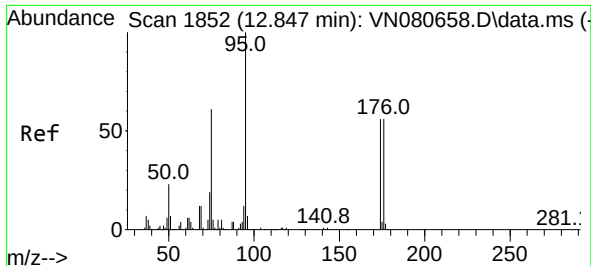
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#50
Toluene-d8
Concen: 51.854 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

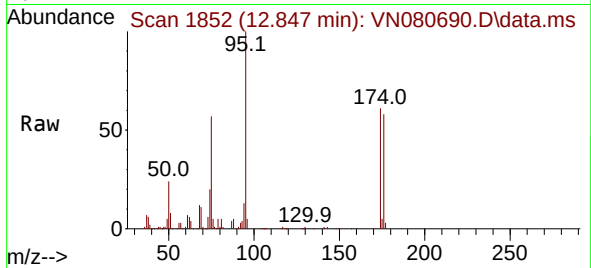
Tgt Ion: 98 Resp: 388001
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 55.703 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20

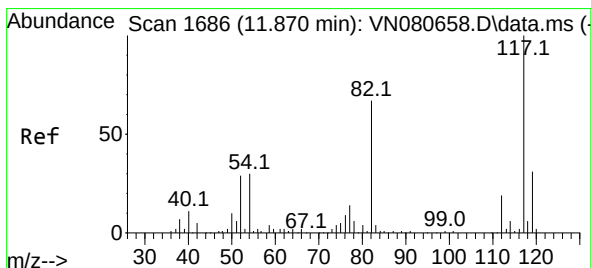
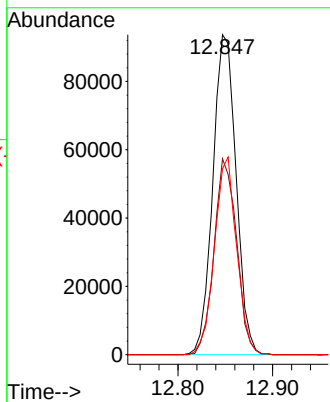
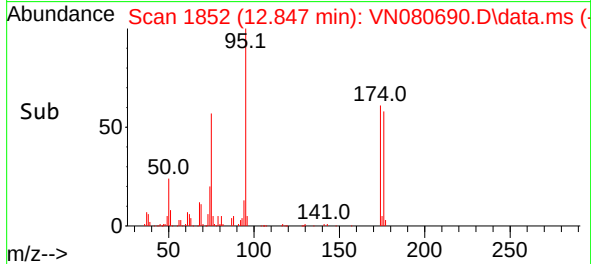
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PB158389ZHE#03



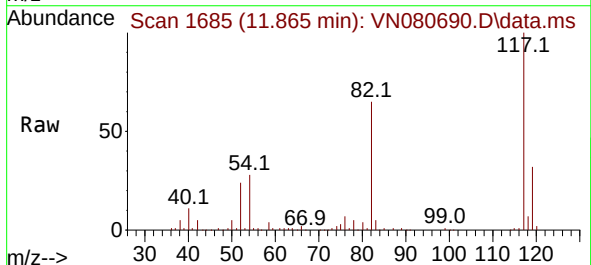
Tgt Ion: 95 Resp: 159839
Ion Ratio Lower Upper
95 100
174 59.5 0.0 143.8
176 59.1 0.0 135.8

Manual Integrations
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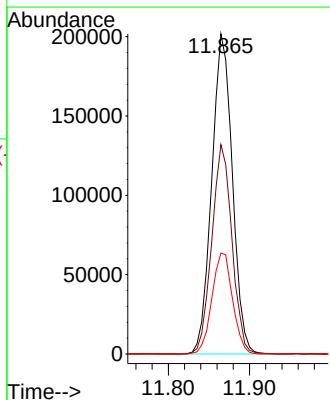
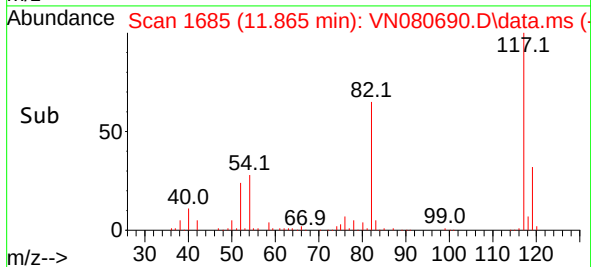
Reviewed By :John Carlone 01/15/2024
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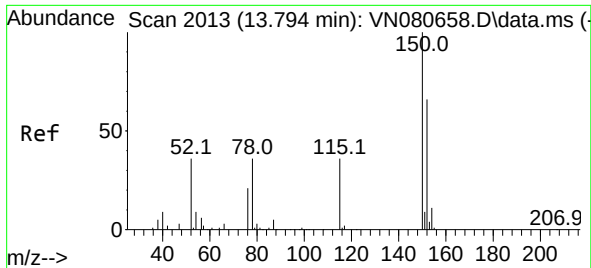


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080690.D
Acq: 12 Jan 2024 15:20



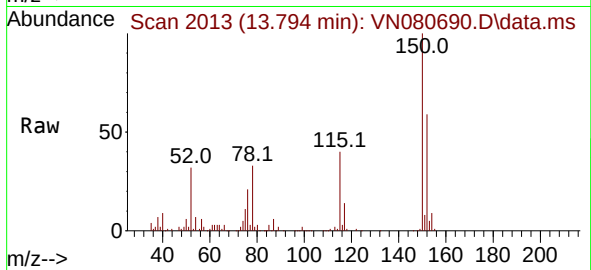
Tgt Ion:117 Resp: 355891
Ion Ratio Lower Upper
117 100
82 65.4 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080690.D
 Acq: 12 Jan 2024 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#03



Tgt Ion:152 Resp: 144040
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 156.4 0.0 355.8

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 Supervised By :Mahesh Dadoda 01/15/2024

