

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080689.D
 Acq On : 12 Jan 2024 14:57
 Operator : JC\MD
 Sample : PB158389ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#02

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 22:13:14 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	151918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358727	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116101	43.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.040%		
35) Dibromofluoromethane	8.171	113	94526	47.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	10.565	98	385164	51.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.160%		
62) 4-Bromofluorobenzene	12.847	95	160153	55.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	50815	58.017	ug/l #	87
20) Methylene Chloride	5.271	84	7943m	3.106	ug/l	
25) 2-Butanone	7.483	43	8124	5.131	ug/l	99
43) Isopropyl Acetate	8.688	43	169472	23.473	ug/l #	81

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

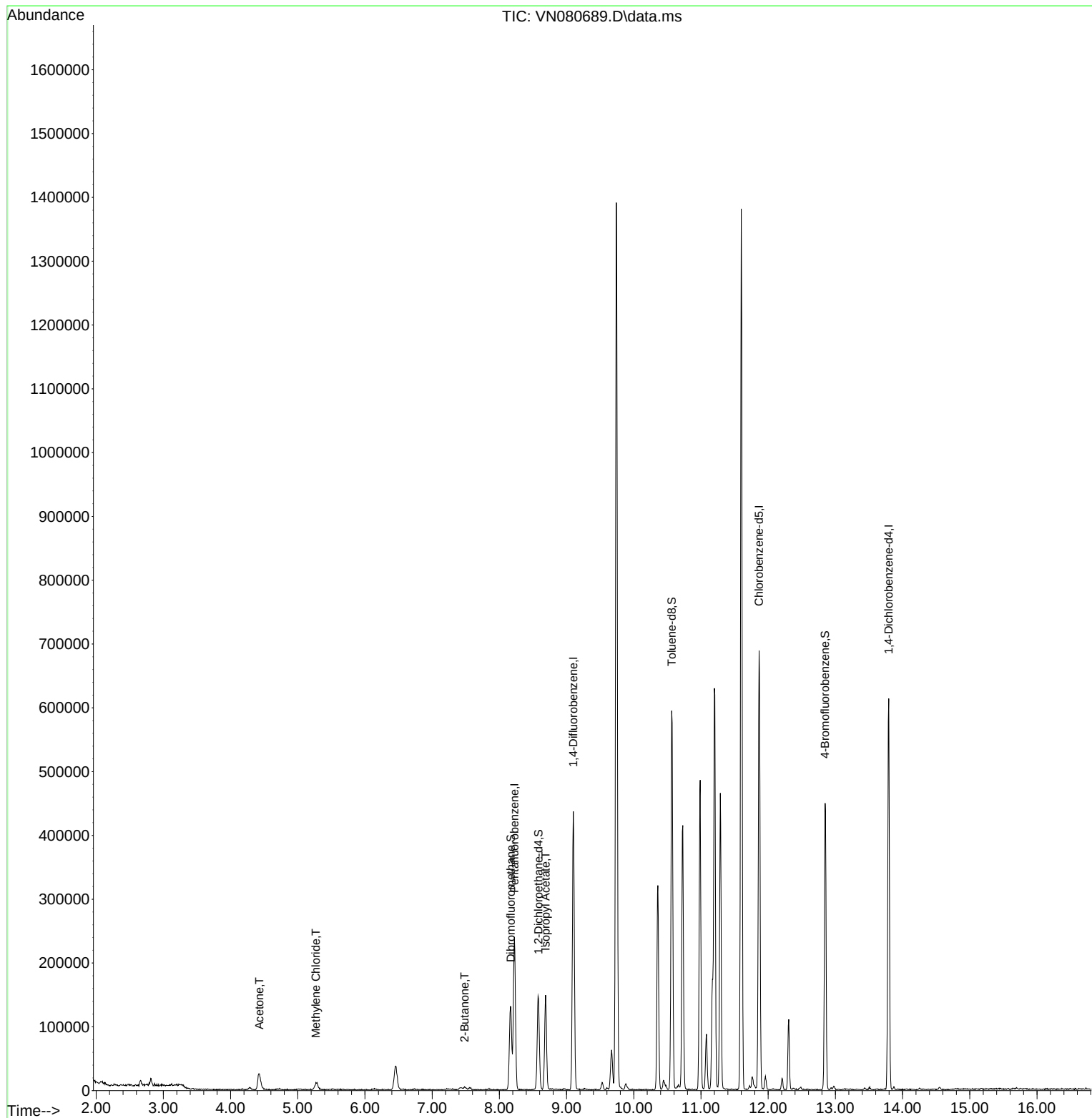
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080689.D
Acq On : 12 Jan 2024 14:57
Operator : JC\MD
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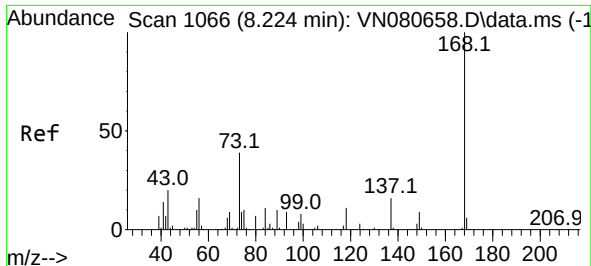
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#02

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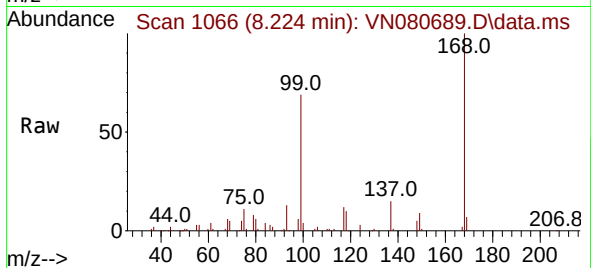
Quant Time: Jan 12 22:13:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

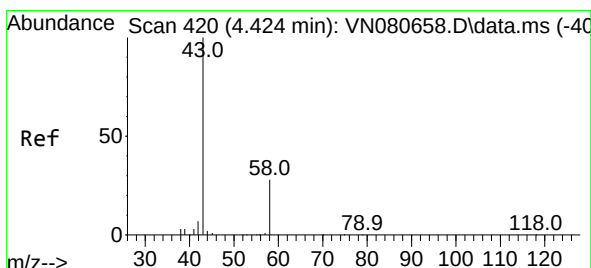
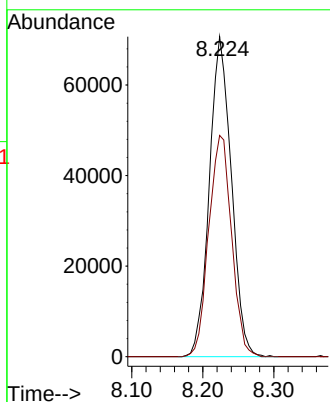
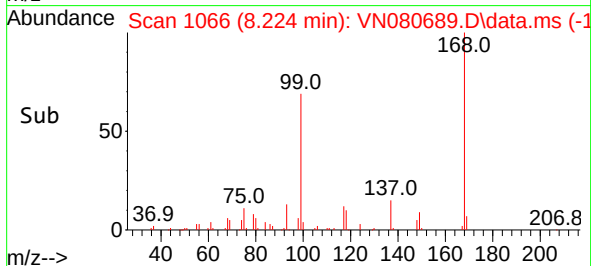
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#02



Tgt Ion:168 Resp: 151918
Ion Ratio Lower Upper
168 100
99 69.1 53.0 79.6

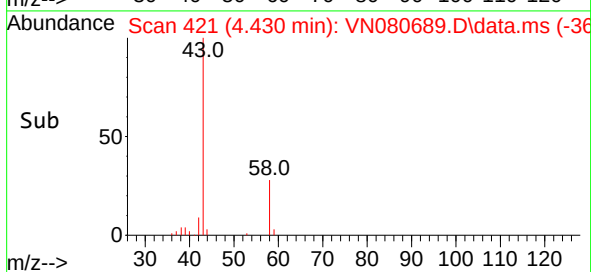
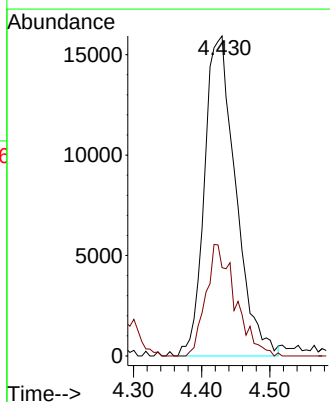
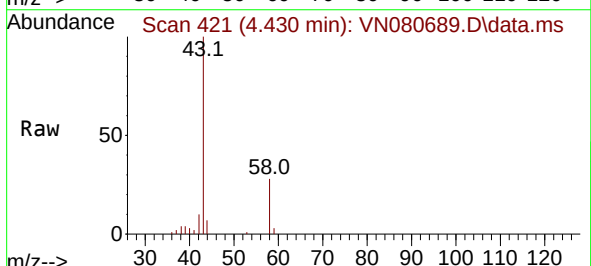
Manual Integrations
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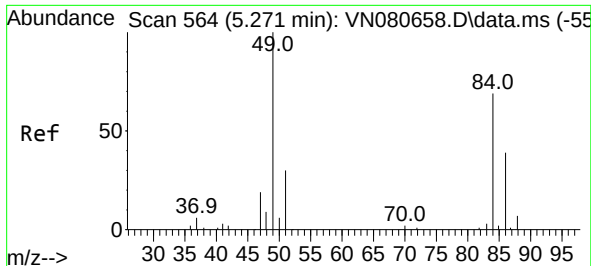
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#16
Acetone
Concen: 58.017 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

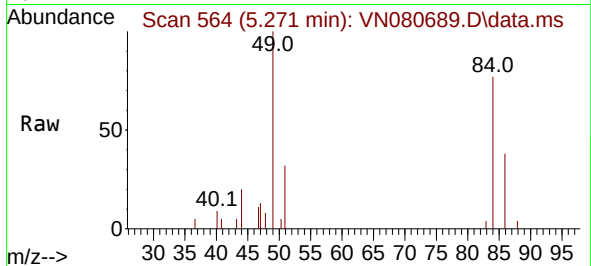
Tgt Ion: 43 Resp: 50815
Ion Ratio Lower Upper
43 100
58 27.6 28.0 42.0#





#20
Methylene Chloride
Concen: 3.106 ug/l m
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

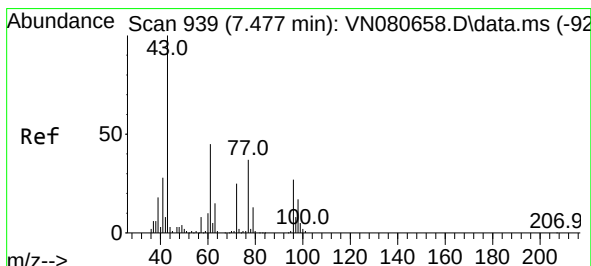
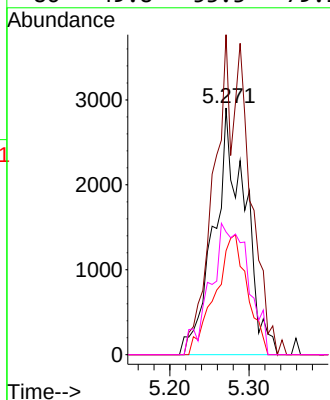
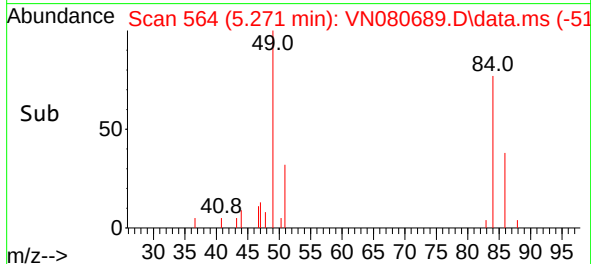
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#02



Tgt Ion: 84 Resp: 794
Ion Ratio Lower Upper
84 100
49 129.7 79.7 119.5
51 42.1 25.2 37.8
86 49.8 53.3 79.9

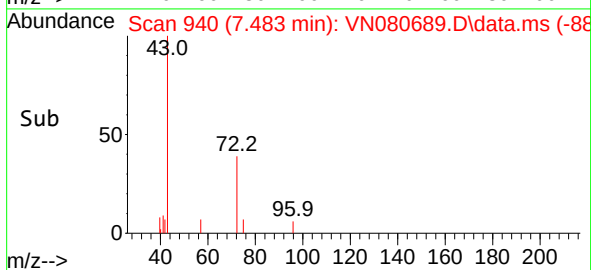
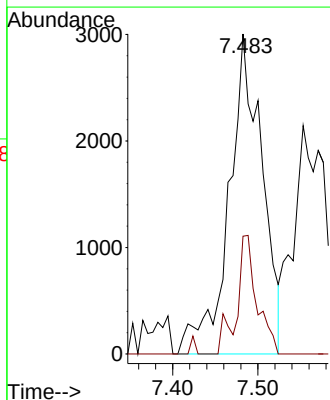
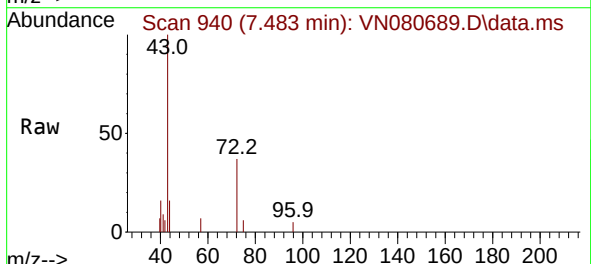
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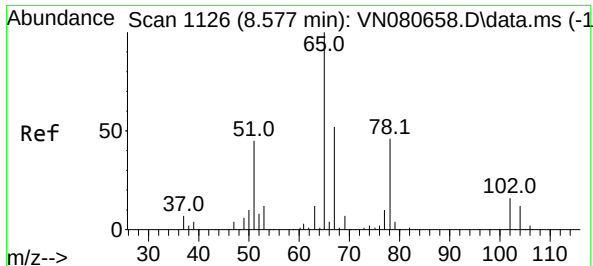
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#25
2-Butanone
Concen: 5.131 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

Tgt Ion: 43 Resp: 8124
Ion Ratio Lower Upper
43 100
72 36.8 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 43.519 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080689.D

Acq: 12 Jan 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#02

Tgt Ion: 65 Resp: 11610

Ion Ratio Lower Upper

65 100

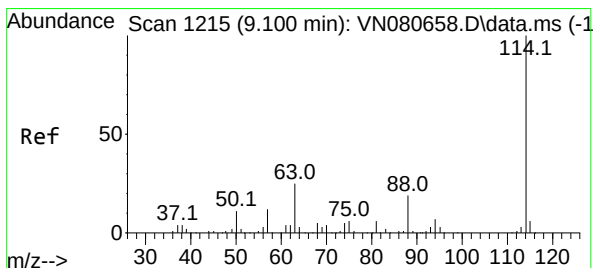
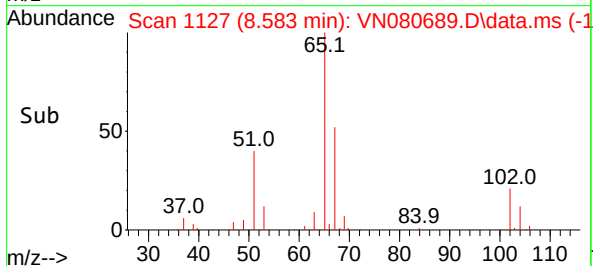
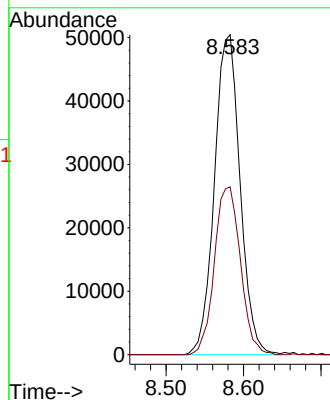
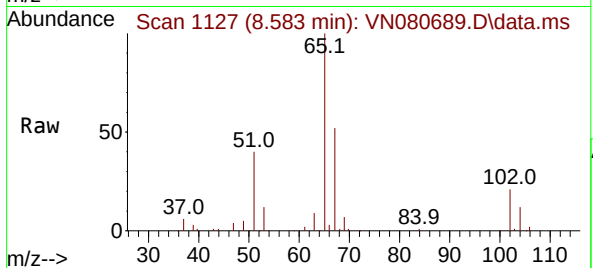
67 53.1 0.0 106.6

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: VN080689.D

Acq: 12 Jan 2024 14:57

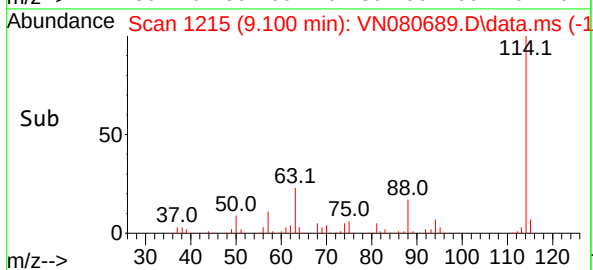
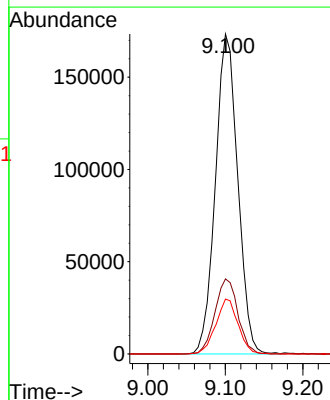
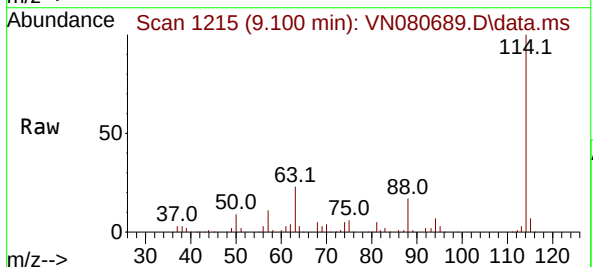
Tgt Ion:114 Resp: 348028

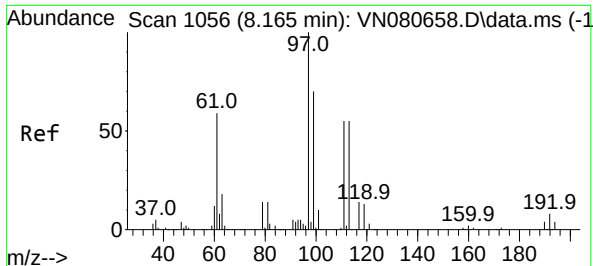
Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.4

88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.803 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080689.D

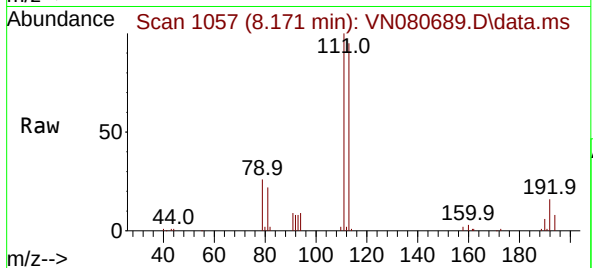
Acq: 12 Jan 2024 14:57

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#02



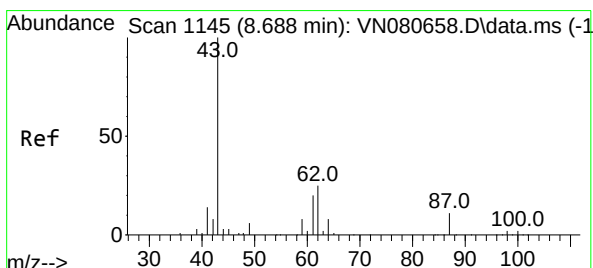
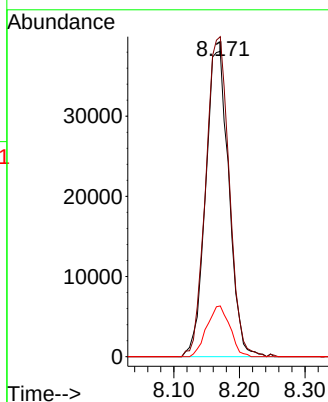
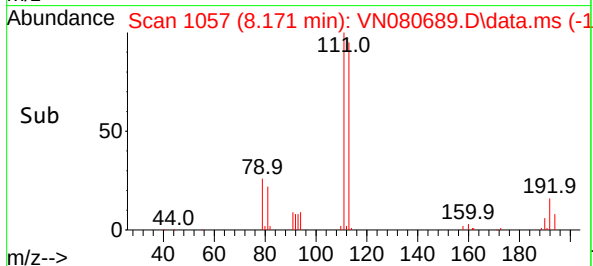
Tgt Ion:	113	Resp:	94520
Ion Ratio	Lower	Upper	
113	100		
111	104.7	82.6	123.8
192	16.4	12.7	19.1

Manual Integrations

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Supervised By :Mahesh Dadoda 01/15/2024



#43

Isopropyl Acetate

Concen: 23.473 ug/l

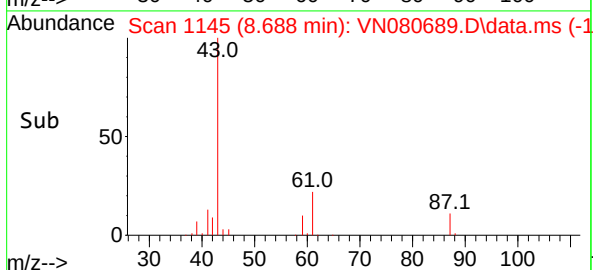
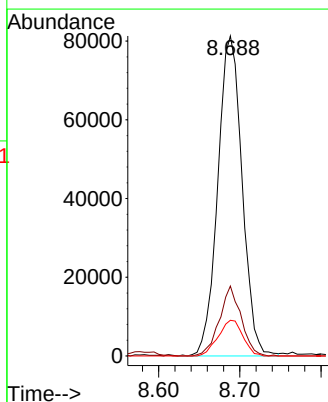
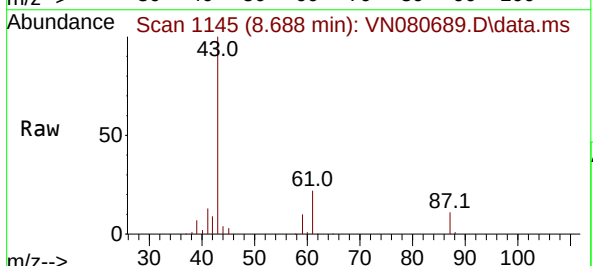
RT: 8.688 min Scan# 1145

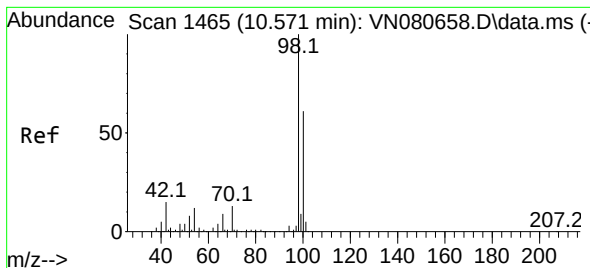
Delta R.T. 0.000 min

Lab File: VN080689.D

Acq: 12 Jan 2024 14:57

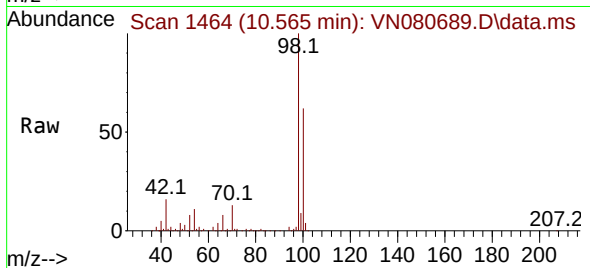
Tgt Ion:	43	Resp:	169472
Ion Ratio	Lower	Upper	
43	100		
61	19.6	24.7	37.1#
87	11.3	14.6	21.8#





#50
Toluene-d8
Concen: 51.083 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

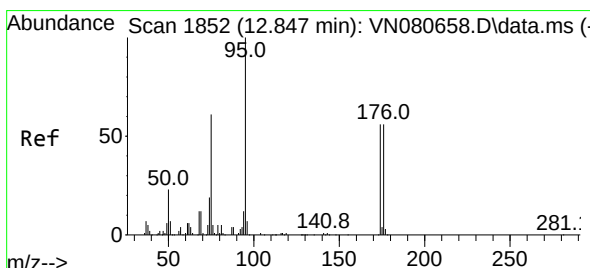
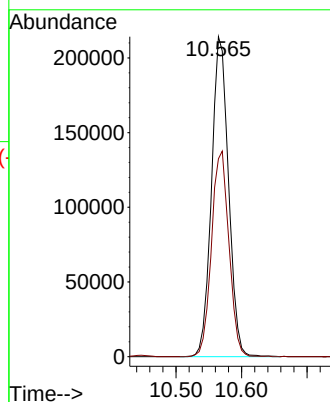
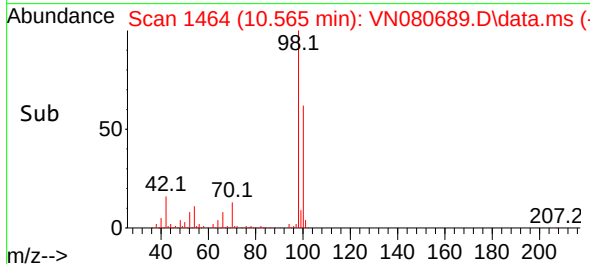
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#02



Tgt Ion: 98 Resp: 385164
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

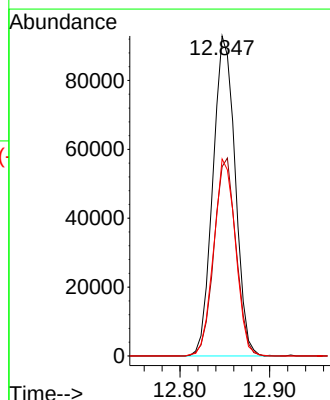
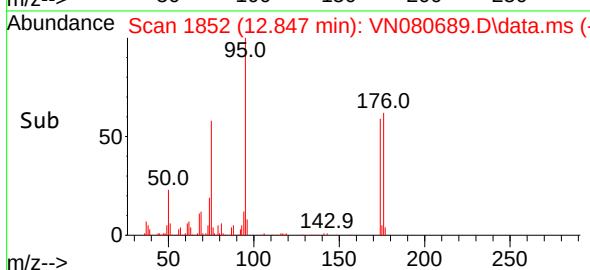
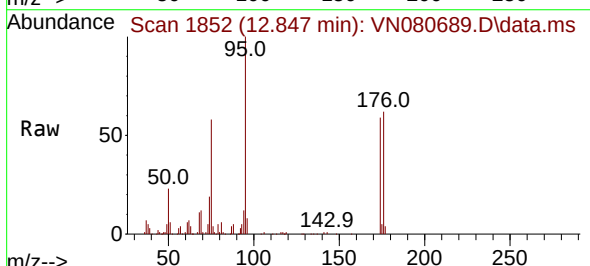
Manual Integrations
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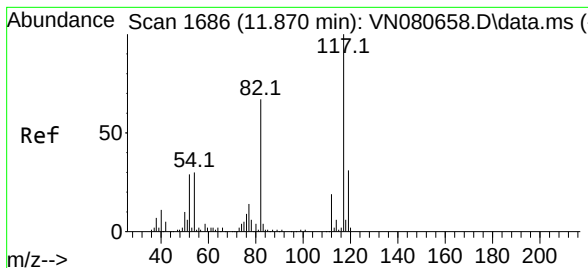
Reviewed By :John Carlone 01/15/2024
Supervised By :Mahesh Dadoda 01/15/2024



#62
4-Bromofluorobenzene
Concen: 55.389 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

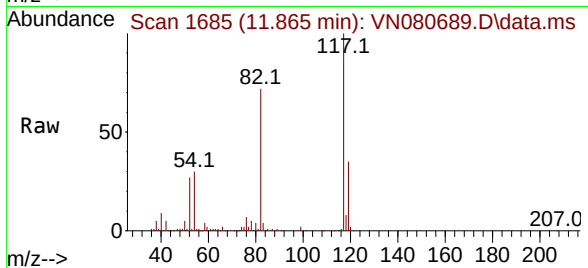
Tgt Ion: 95 Resp: 160153
Ion Ratio Lower Upper
95 100
174 61.0 0.0 143.8
176 60.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57

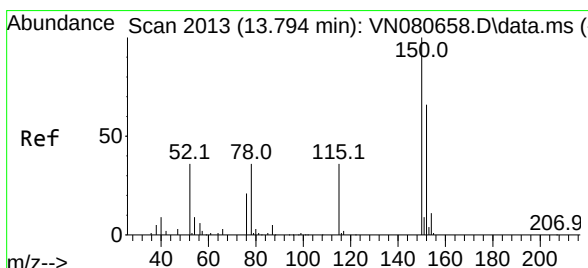
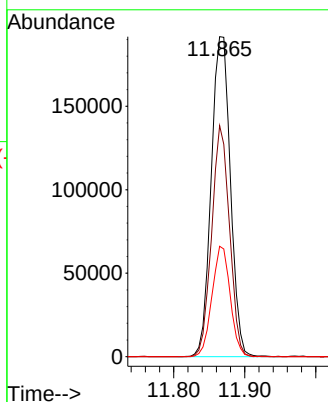
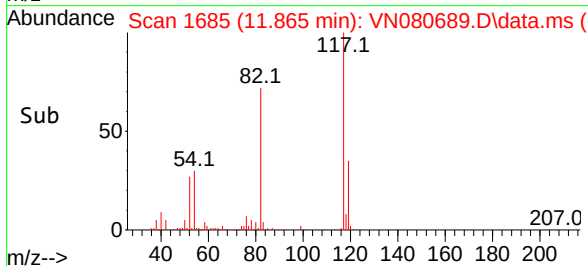
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#02



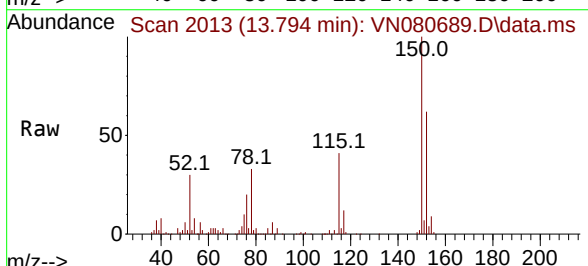
Tgt Ion:117 Resp: 35872
Ion Ratio Lower Upper
117 100
82 72.2 44.0 66.0
119 34.5 25.6 38.4

Manual Integrations
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Supervised By :Mahesh Dadoda 01/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080689.D
Acq: 12 Jan 2024 14:57



Tgt Ion:152 Resp: 142582
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 162.9 0.0 355.8

