

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083838.D
 Acq On : 12 Sep 2024 17:53
 Operator : JC\MD
 Sample : PB163310ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163310ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 00:22:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	123460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97633	52.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.165	113	78430	47.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.200%			
50) Toluene-d8	10.565	98	288373	50.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.847	95	138582	58.354	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.700%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	30881	41.380	ug/l	93
18) Methyl Acetate	5.030	43	6455	2.384	ug/l #	88
20) Methylene Chloride	5.271	84	8132	5.325	ug/l	88
37) Ethyl Acetate	7.571	43	3587	1.577	ug/l #	84
43) Isopropyl Acetate	8.688	43	276395m	67.048	ug/l	

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

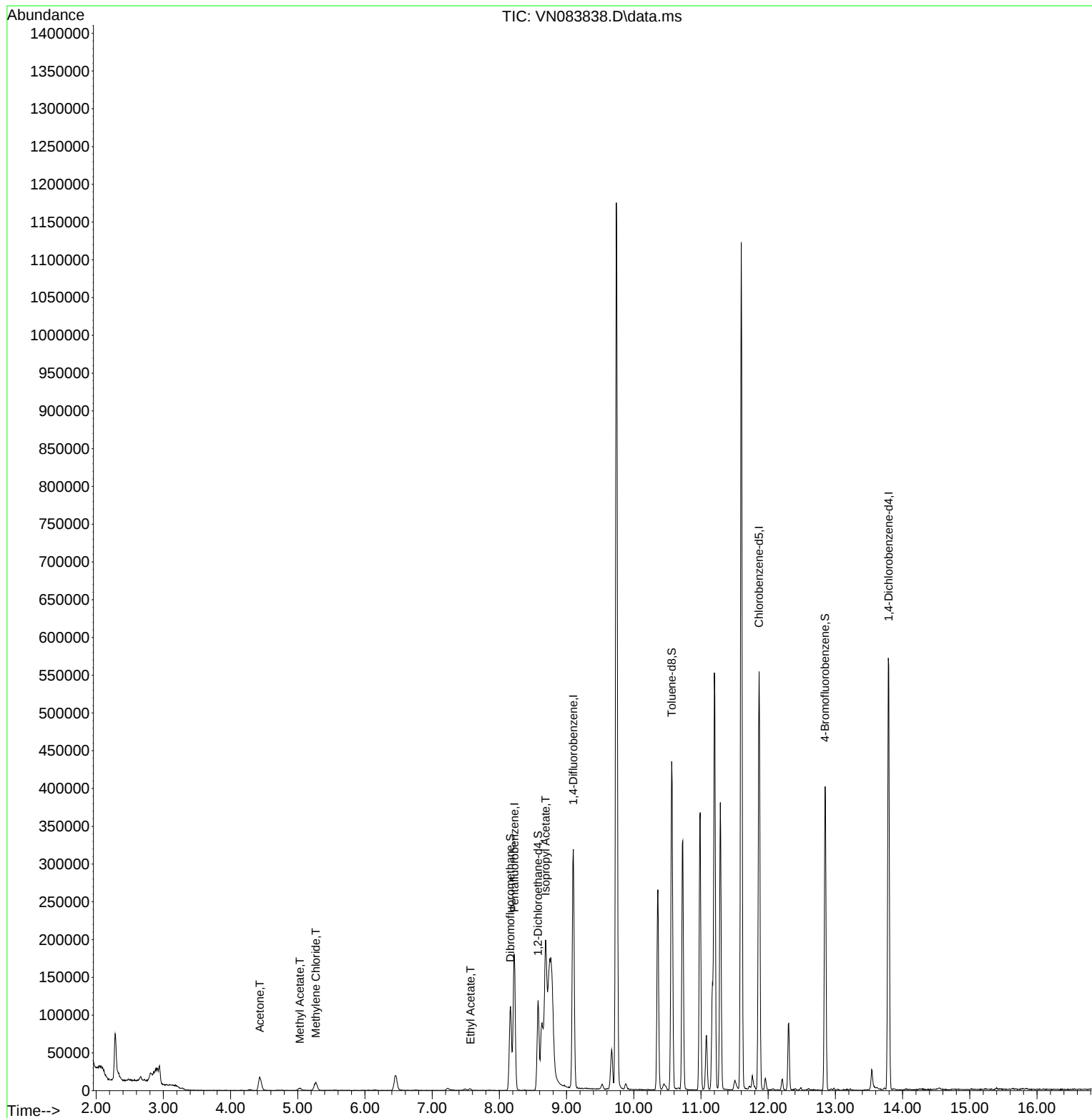
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
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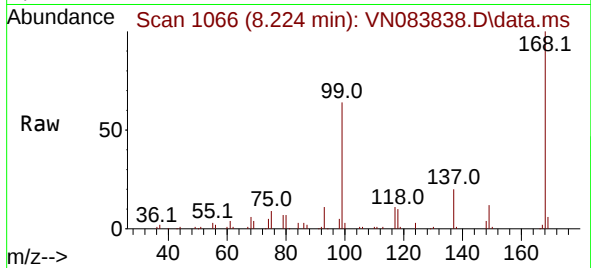
Quant Time: Sep 13 00:22:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

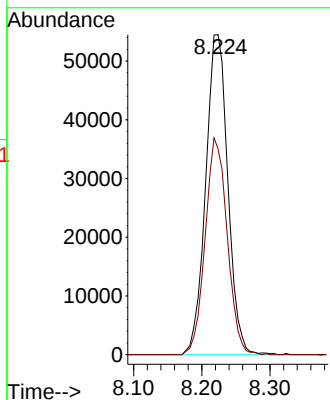
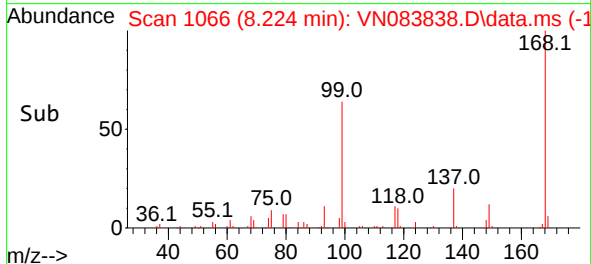
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#02



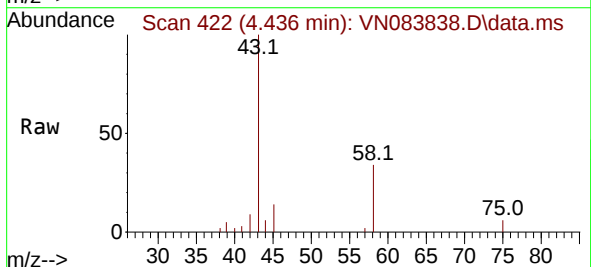
Tgt Ion:168 Resp: 123460
Ion Ratio Lower Upper
168 100
99 64.3 54.2 81.2

Manual Integrations
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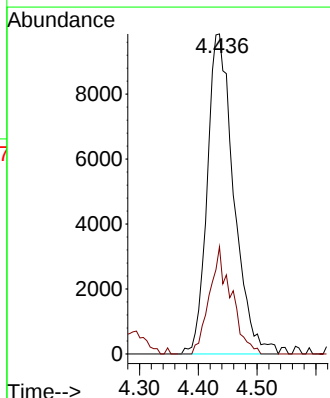
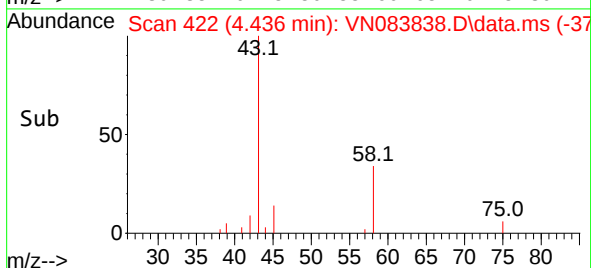
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

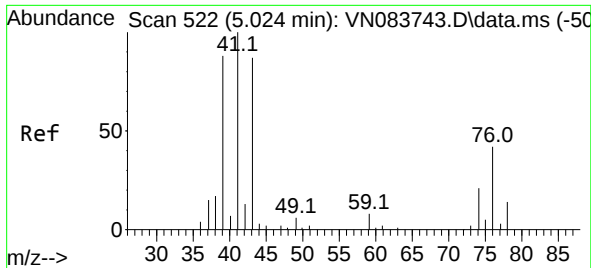


#16
Acetone
Concen: 41.380 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53



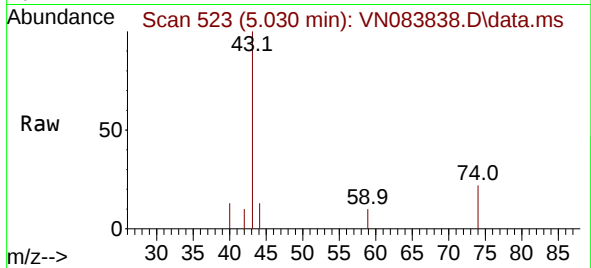
Tgt Ion: 43 Resp: 30881
Ion Ratio Lower Upper
43 100
58 33.5 23.7 35.5





#18
Methyl Acetate
Concen: 2.384 ug/l
RT: 5.030 min Scan# 518
Delta R.T. 0.006 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

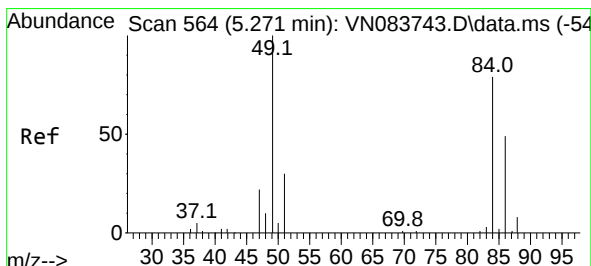
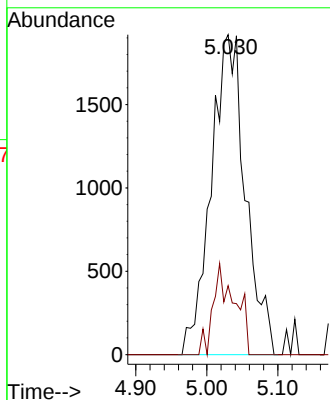
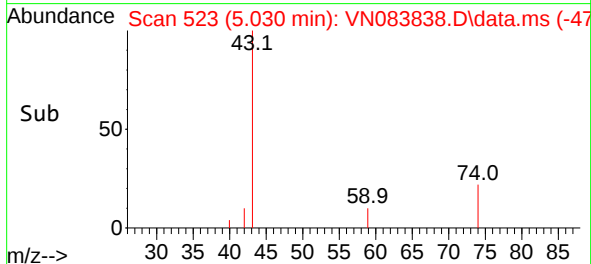
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#02



Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
74 18.0 19.0 28.4

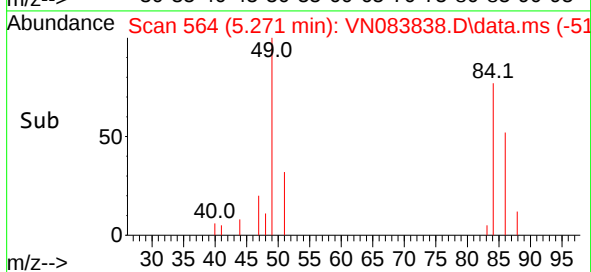
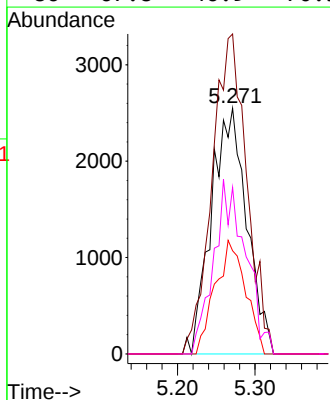
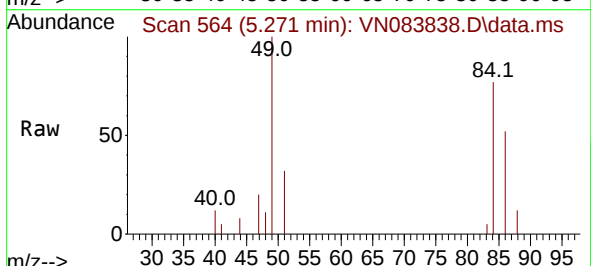
Manual Integrations
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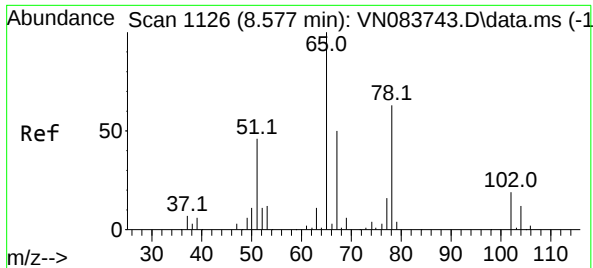
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 5.325 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

Tgt Ion: 84 Resp: 8132
Ion Ratio Lower Upper
84 100
49 130.2 93.4 140.0
51 42.0 29.2 43.8
86 67.8 46.9 70.3





#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083838.D

Acq: 12 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB163310ZHE#02

Tgt Ion: 65 Resp: 9763

Ion Ratio Lower Upper

65 100

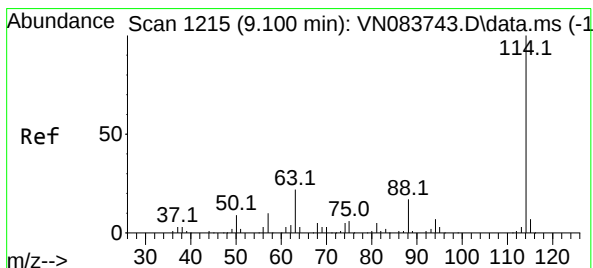
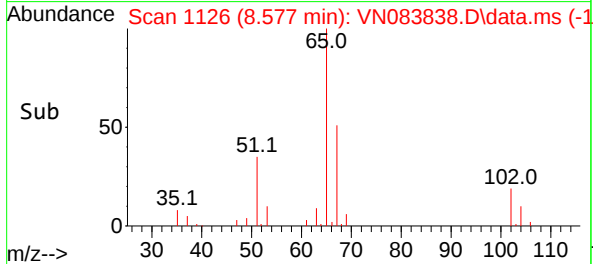
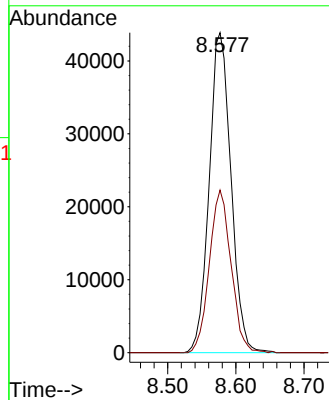
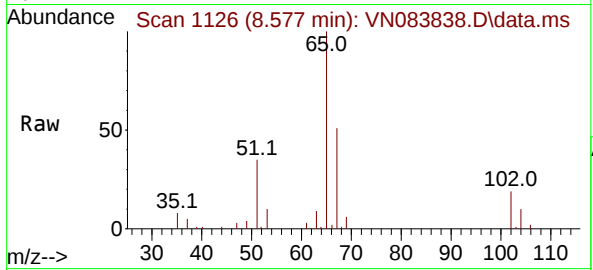
67 50.6 0.0 100.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083838.D

Acq: 12 Sep 2024 17:53

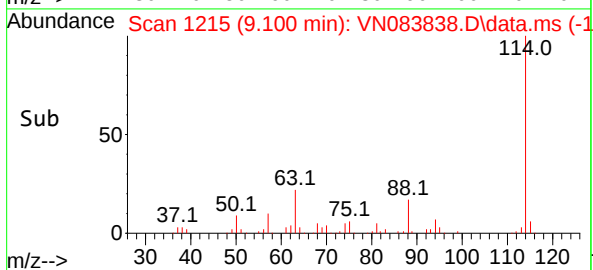
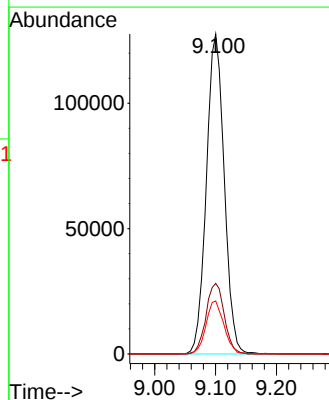
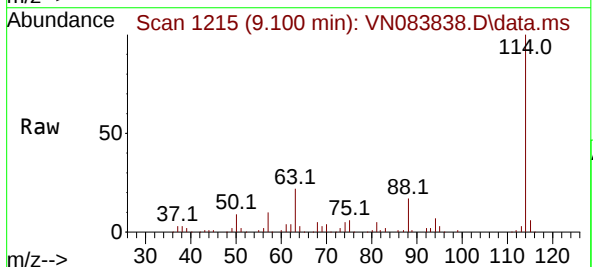
Tgt Ion:114 Resp: 260089

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

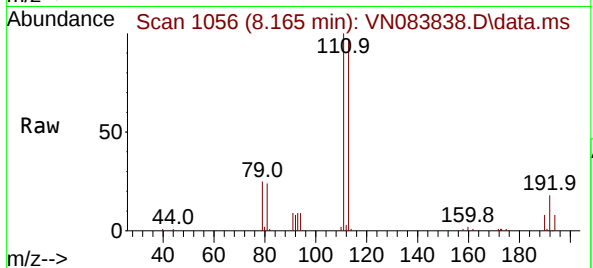
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.104 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

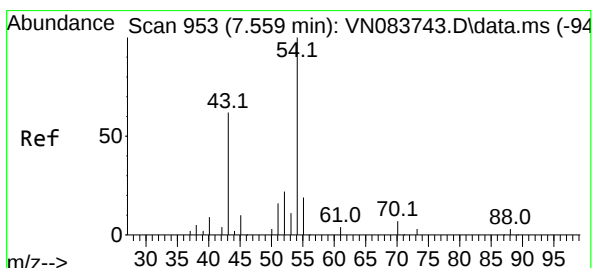
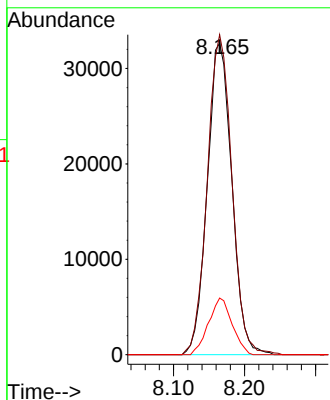
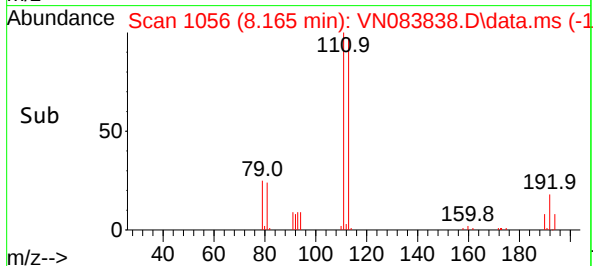
Instrument :
MSVOA_N
ClientSampleId :
PB163310ZHE#02



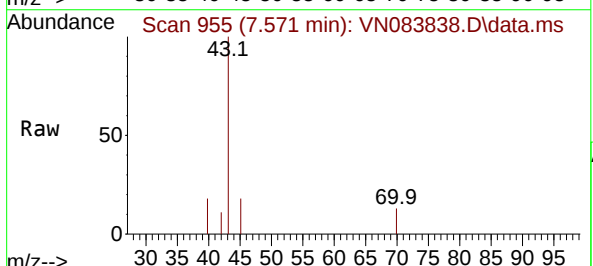
Tgt Ion:113 Resp: 78430
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.4 14.3 21.5

Manual Integrations
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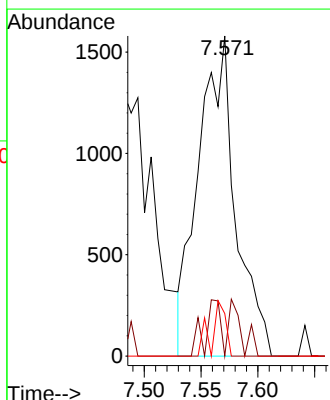
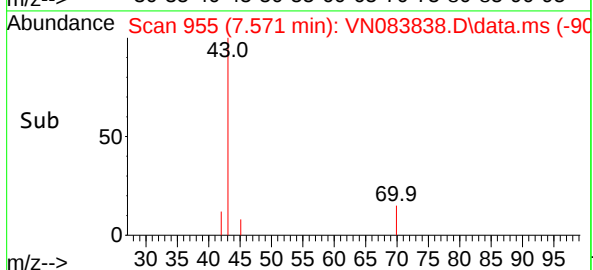
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

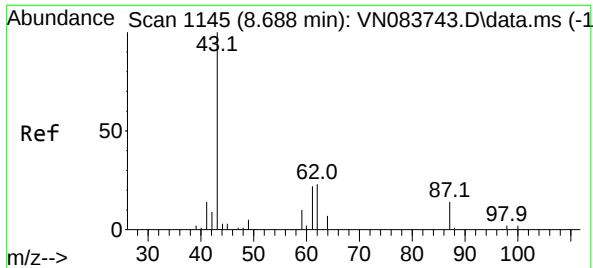


#37
Ethyl Acetate
Concen: 1.577 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53



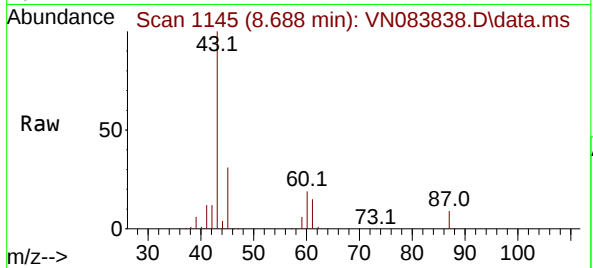
Tgt Ion: 43 Resp: 3587
Ion Ratio Lower Upper
43 100
61 6.3 11.1 16.7#
70 6.6 8.8 13.2#





#43
Isopropyl Acetate
Concen: 67.048 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

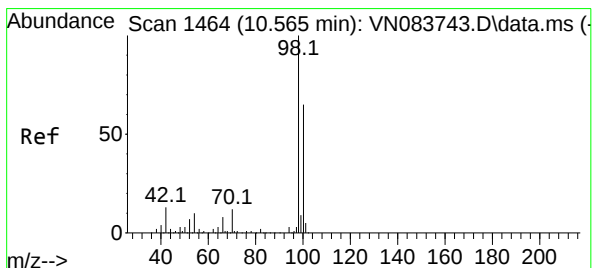
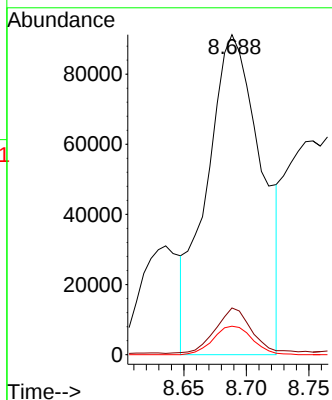
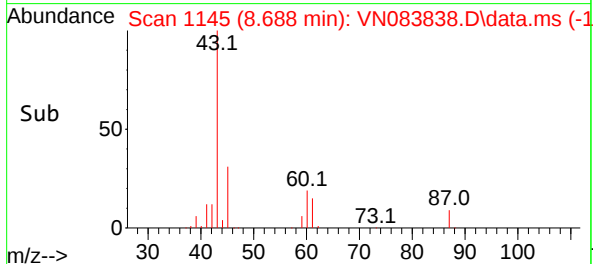
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PB163310ZHE#02



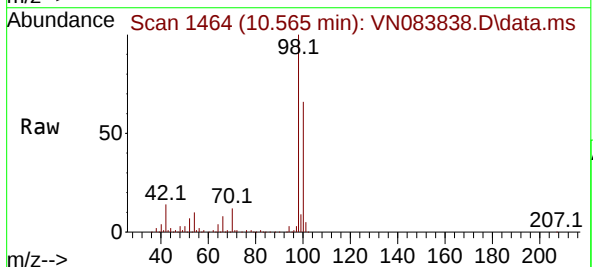
Tgt Ion: 43 Resp: 276395
Ion Ratio Lower Upper
43 100
61 9.7 19.4 29.0
87 6.4 9.8 14.6

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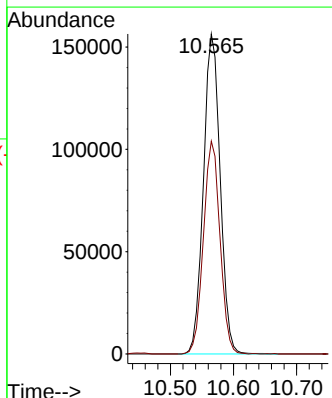
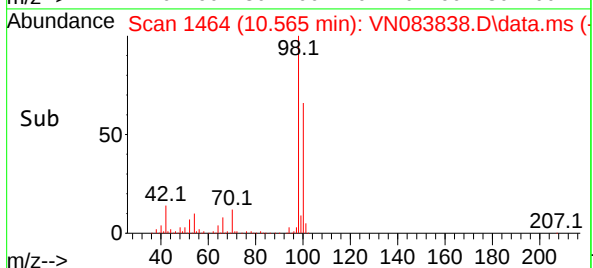
Reviewed By :John Carlone 09/13/2024
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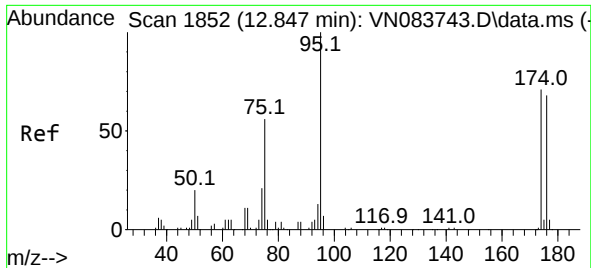


#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53



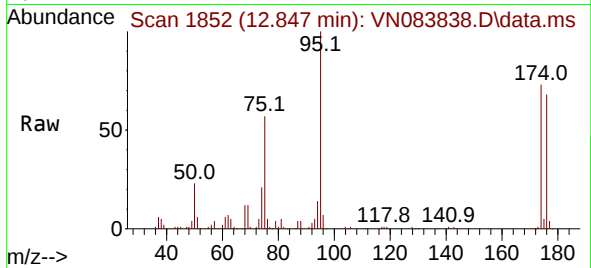
Tgt Ion: 98 Resp: 288373
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.354 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53

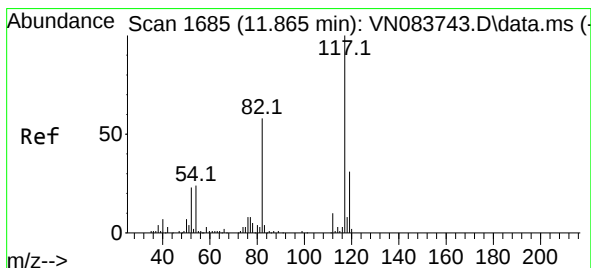
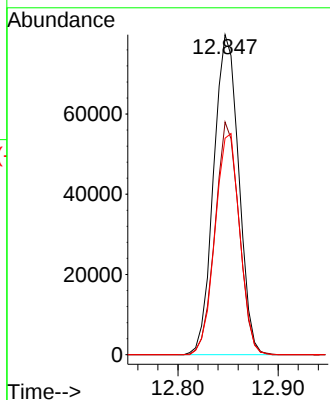
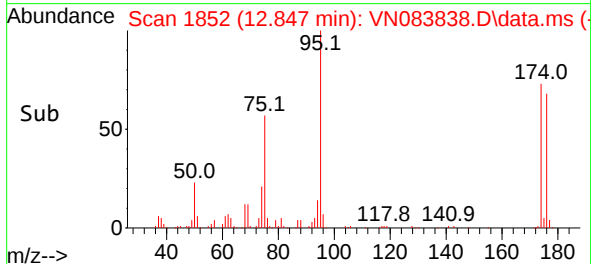
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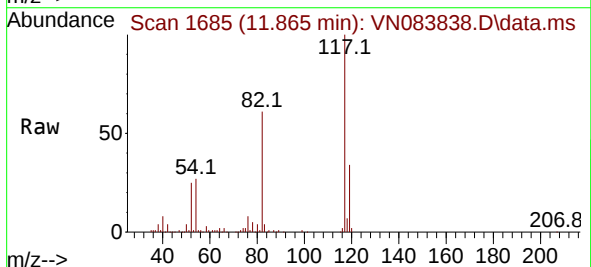
Tgt Ion: 95 Resp: 13858
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 68.2 0.0 131.4

Manual Integrations
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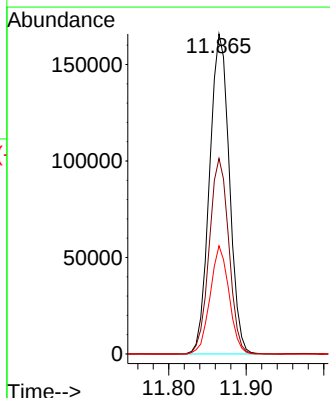
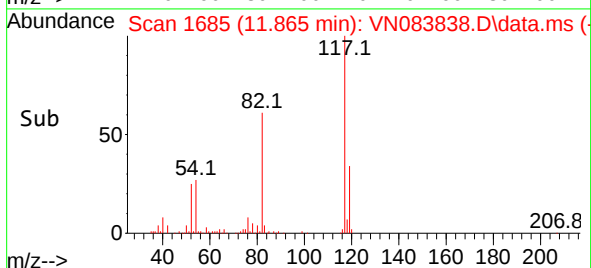
Reviewed By :John Carlone 09/13/2024
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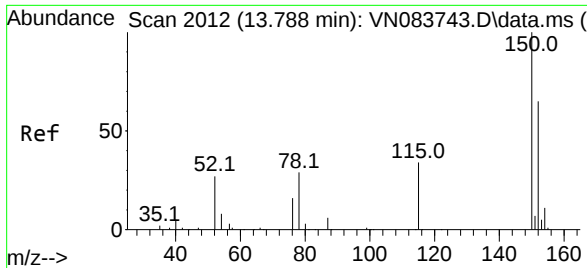


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083838.D
Acq: 12 Sep 2024 17:53



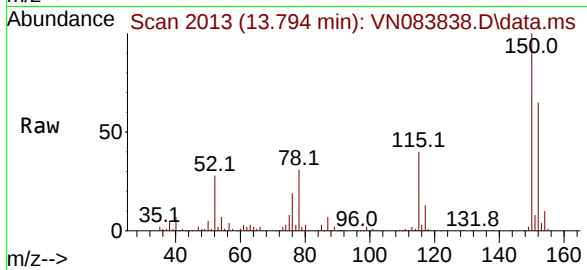
Tgt Ion:117 Resp: 294798
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 33.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083838.D
 Acq: 12 Sep 2024 17:53

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 144278
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.2 96.6
 150 157.4 0.0 348.6

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