

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083457.D
 Acq On : 23 Aug 2024 13:47
 Operator : JC\MD
 Sample : PB162920ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162920ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 24 01:40:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108293	55.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.840%			
35) Dibromofluoromethane	8.165	113	85111	48.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	10.565	98	320901	48.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.847	95	145170	56.299	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.600%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	10465	13.686	ug/l	97
18) Methyl Acetate	5.030	43	7181	3.152	ug/l	97
20) Methylene Chloride	5.271	84	3785m	2.151	ug/l	
43) Isopropyl Acetate	8.688	43	222640	42.266	ug/l #	83

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

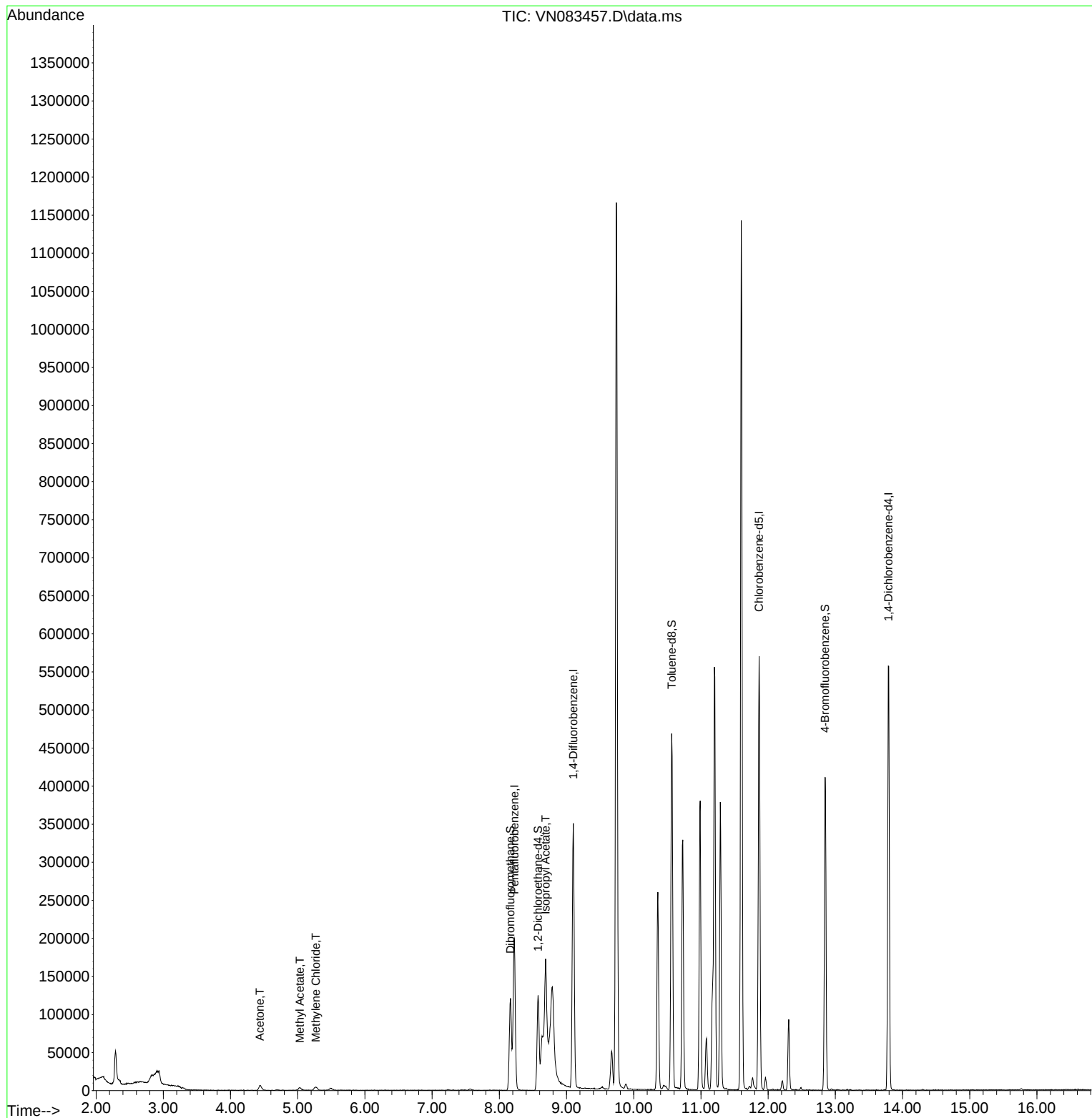
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
Data File : VN083457.D
Acq On : 23 Aug 2024 13:47
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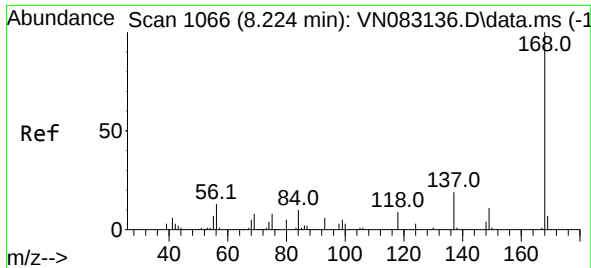
Instrument :
MSVOA_N
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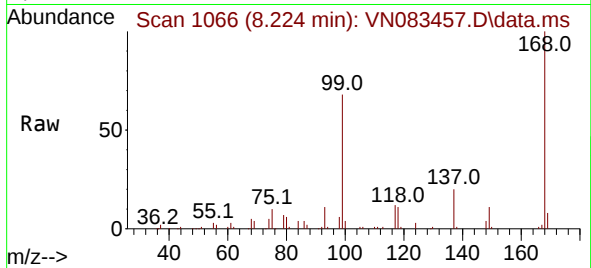
Quant Time: Aug 24 01:40:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

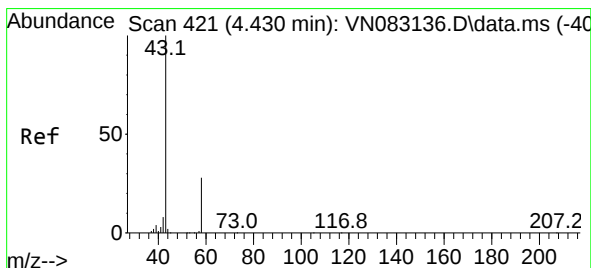
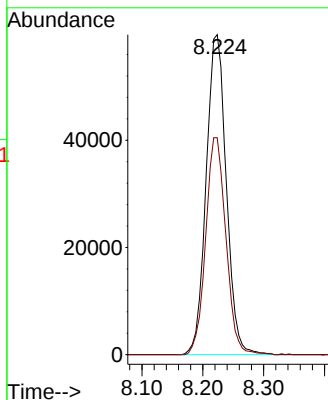
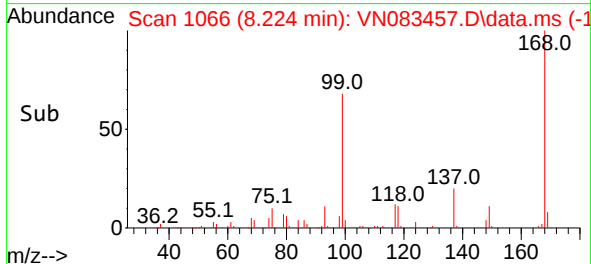
Instrument :
MSVOA_N
ClientSampleId :
PB162920ZHE#03



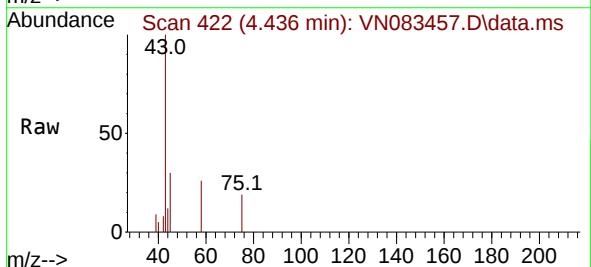
Tgt Ion:168 Resp: 13729
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4

Manual Integrations
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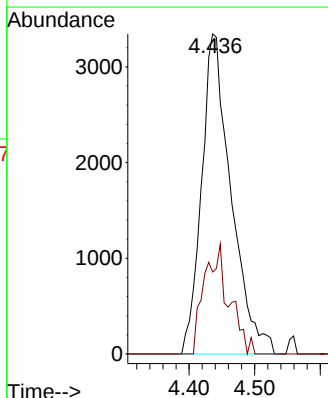
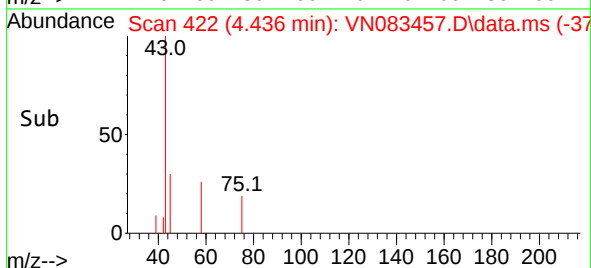
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

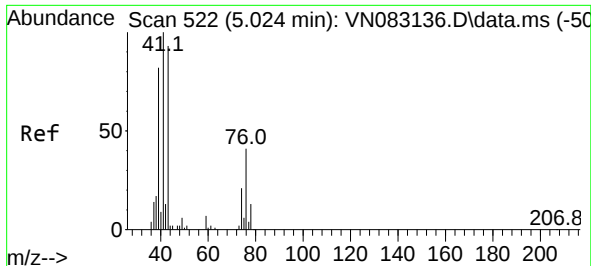


#16
Acetone
Concen: 13.686 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47



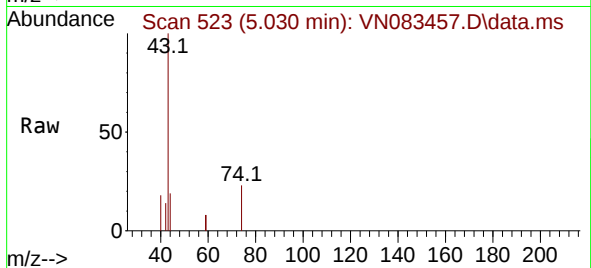
Tgt Ion: 43 Resp: 10465
Ion Ratio Lower Upper
43 100
58 25.6 21.8 32.6





#18
Methyl Acetate
Concen: 3.152 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

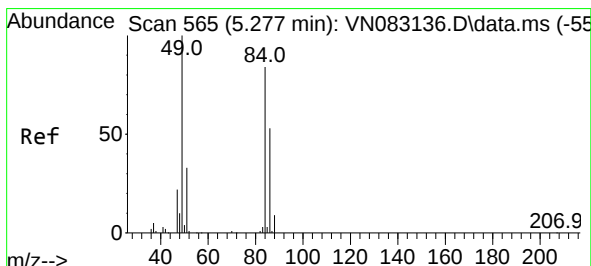
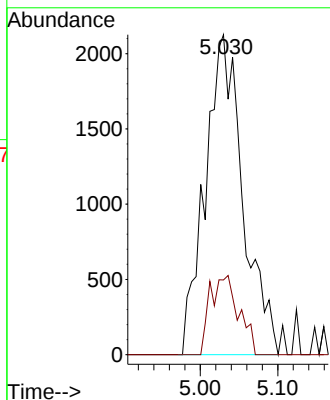
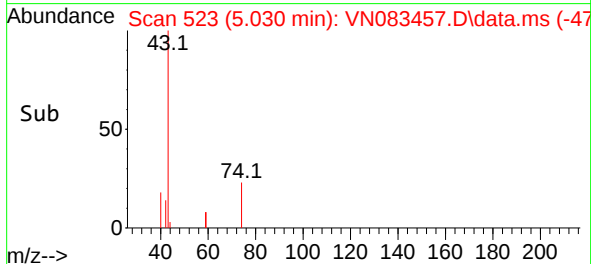
Instrument :
MSVOA_N
ClientSampleId :
PB162920ZHE#03



Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
74 18.8 16.3 24.5

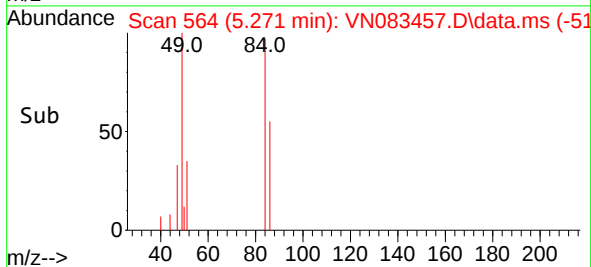
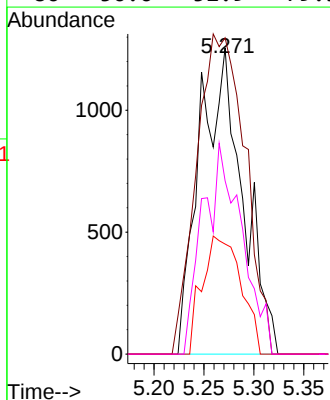
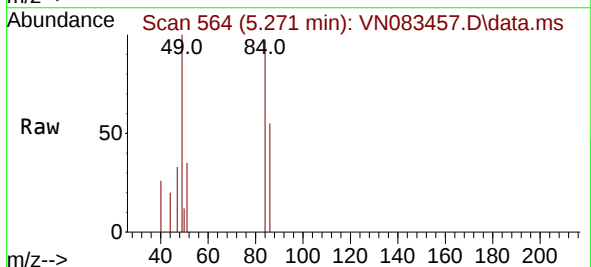
Manual Integrations
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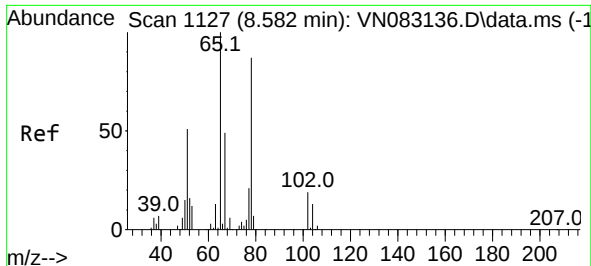
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#20
Methylene Chloride
Concen: 2.151 ug/l m
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

Tgt Ion: 84 Resp: 3785
Ion Ratio Lower Upper
84 100
49 103.3 119.6 179.4#
51 35.9 34.8 52.2
86 56.6 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 55.416 ug/l

RT: 8.577 min Scan# 1127

Delta R.T. -0.005 min

Lab File: VN083457.D

Acq: 23 Aug 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB162920ZHE#03

Tgt Ion: 65 Resp: 10829

Ion Ratio Lower Upper

65 100

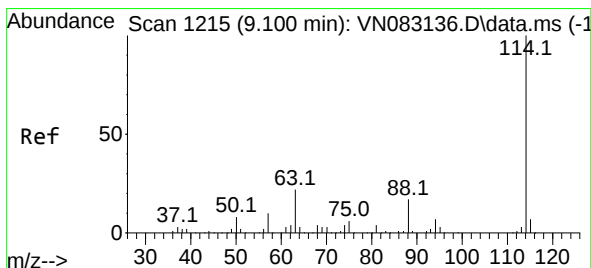
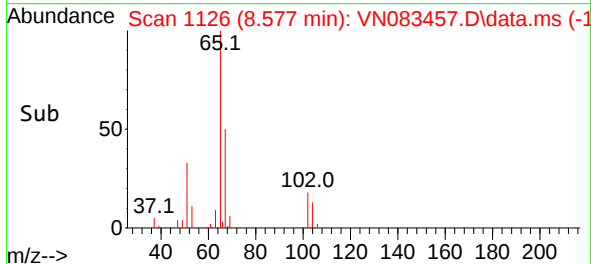
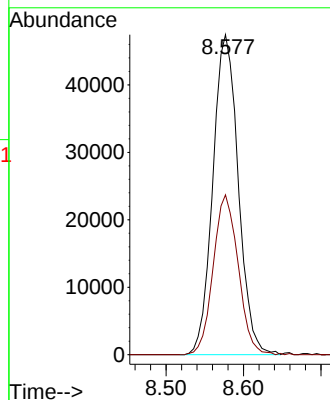
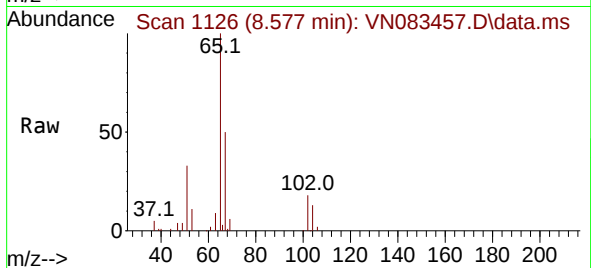
67 49.1 0.0 104.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083457.D

Acq: 23 Aug 2024 13:47

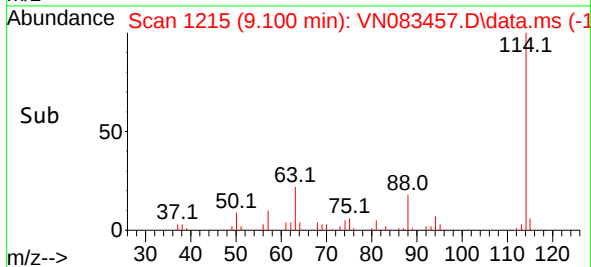
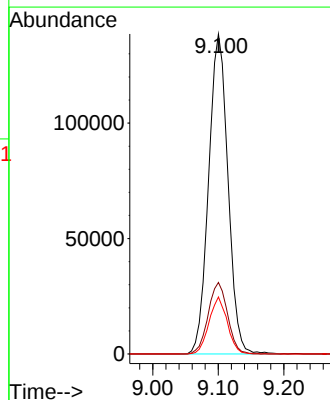
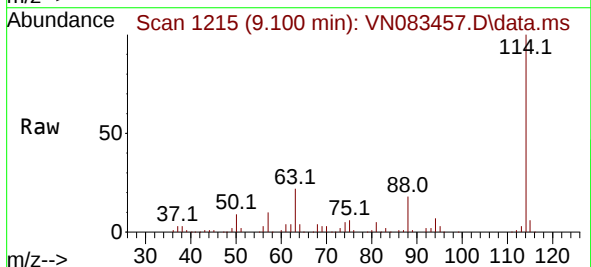
Tgt Ion:114 Resp: 284071

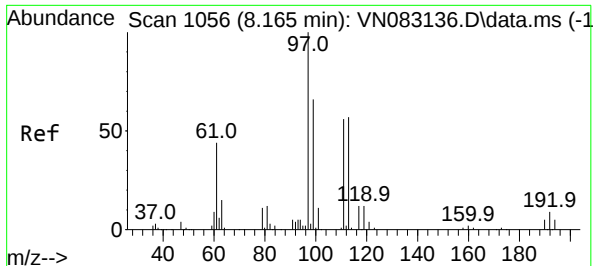
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

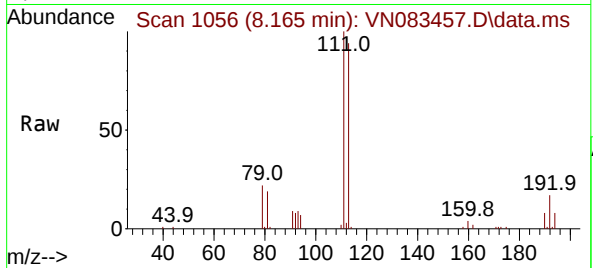
88 17.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 48.001 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

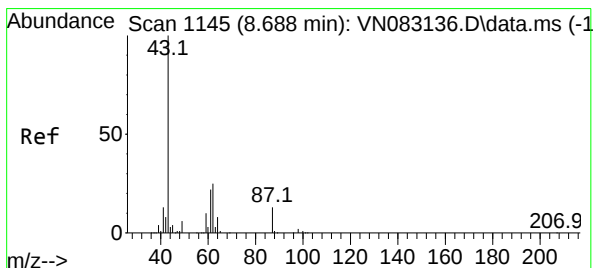
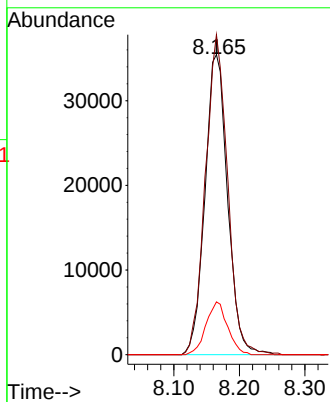
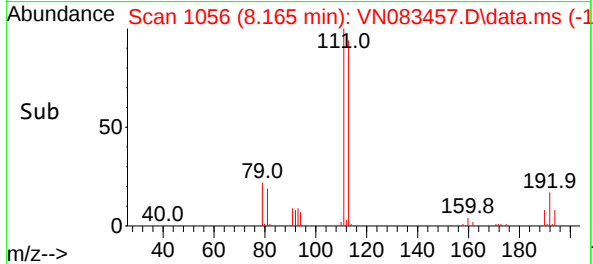
Instrument :
MSVOA_N
ClientSampleId :
PB162920ZHE#03



Tgt Ion: 113 Resp: 8511
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 16.8 14.9 22.3

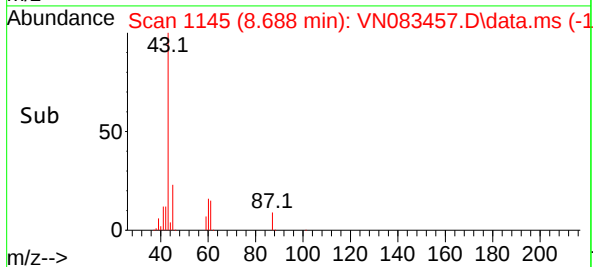
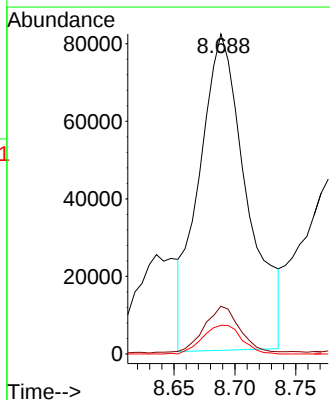
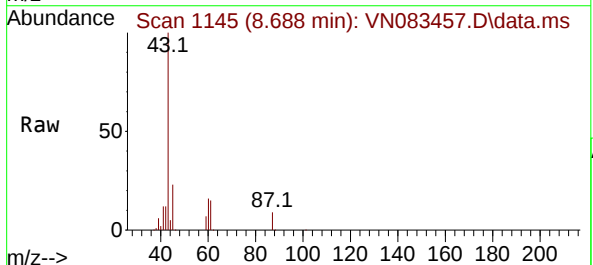
Manual Integrations
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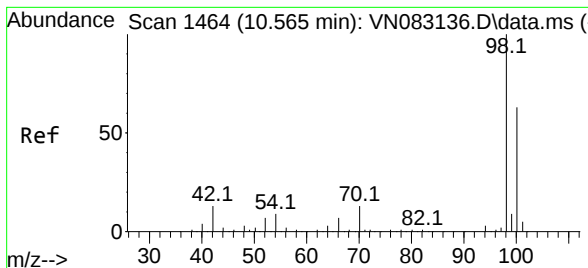
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#43
Isopropyl Acetate
Concen: 42.266 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

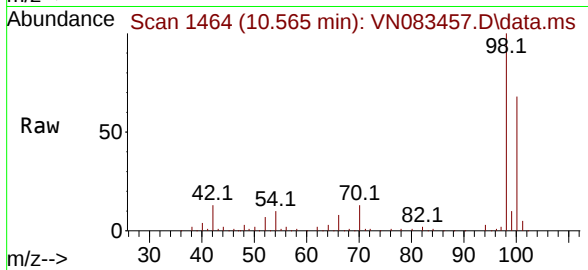
Tgt Ion: 43 Resp: 222640
Ion Ratio Lower Upper
43 100
61 12.2 17.8 26.6#
87 7.4 8.2 12.2#





#50
Toluene-d8
Concen: 48.518 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

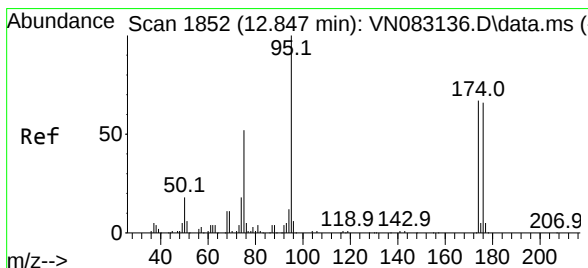
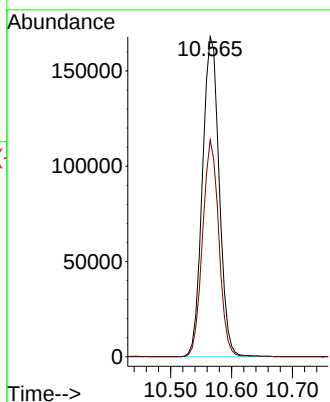
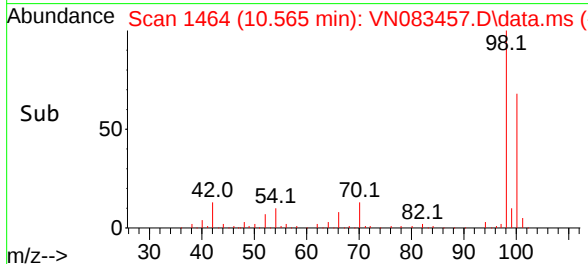
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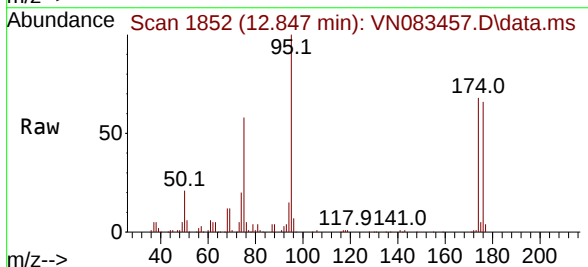
Tgt Ion: 98 Resp: 32090
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3

Manual Integrations
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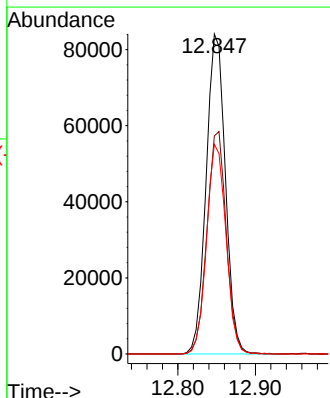
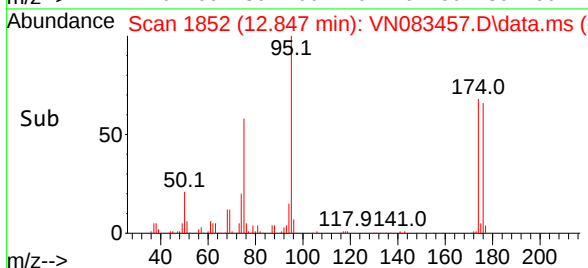
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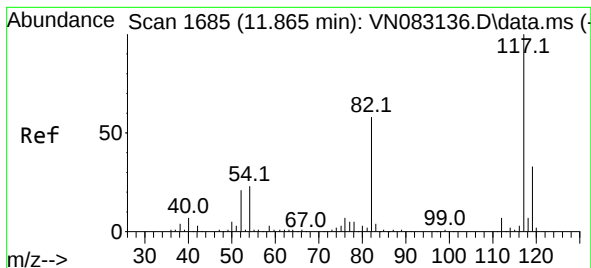


#62
4-Bromofluorobenzene
Concen: 56.299 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47



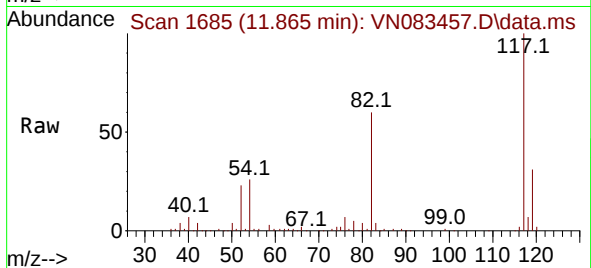
Tgt Ion: 95 Resp: 145170
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.0 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47

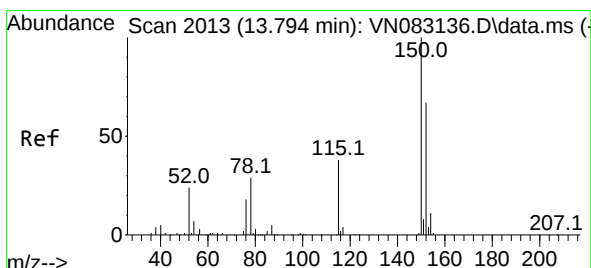
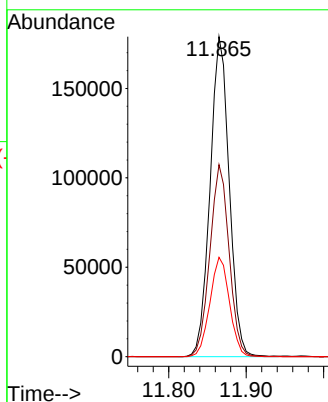
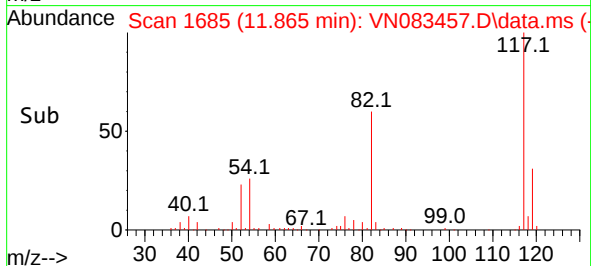
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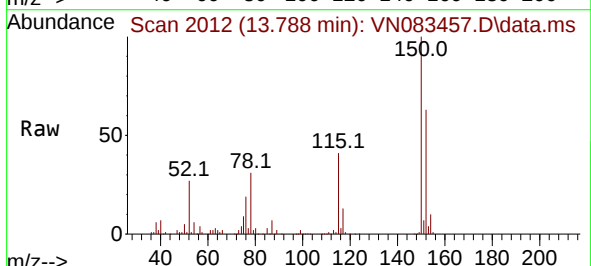
Tgt Ion:117 Resp: 30668
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 31.1 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083457.D
Acq: 23 Aug 2024 13:47



Tgt Ion:152 Resp: 144586
Ion Ratio Lower Upper
152 100
115 65.4 30.6 91.6
150 159.3 0.0 348.6

