

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083839.D
 Acq On : 12 Sep 2024 18:18
 Operator : JC\MD
 Sample : P3932-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM2

Quant Time: Sep 13 00:22:56 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96413	53.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.165	113	74572	45.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.680%			
50) Toluene-d8	10.565	98	279073	49.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.240%			
62) 4-Bromofluorobenzene	12.847	95	137927	59.445	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.900%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	14354	19.837	ug/l	93
18) Methyl Acetate	5.030	43	6795	2.754	ug/l	95
20) Methylene Chloride	5.271	84	6546	4.421	ug/l #	87
43) Isopropyl Acetate	8.688	43	233203m	57.903	ug/l	

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

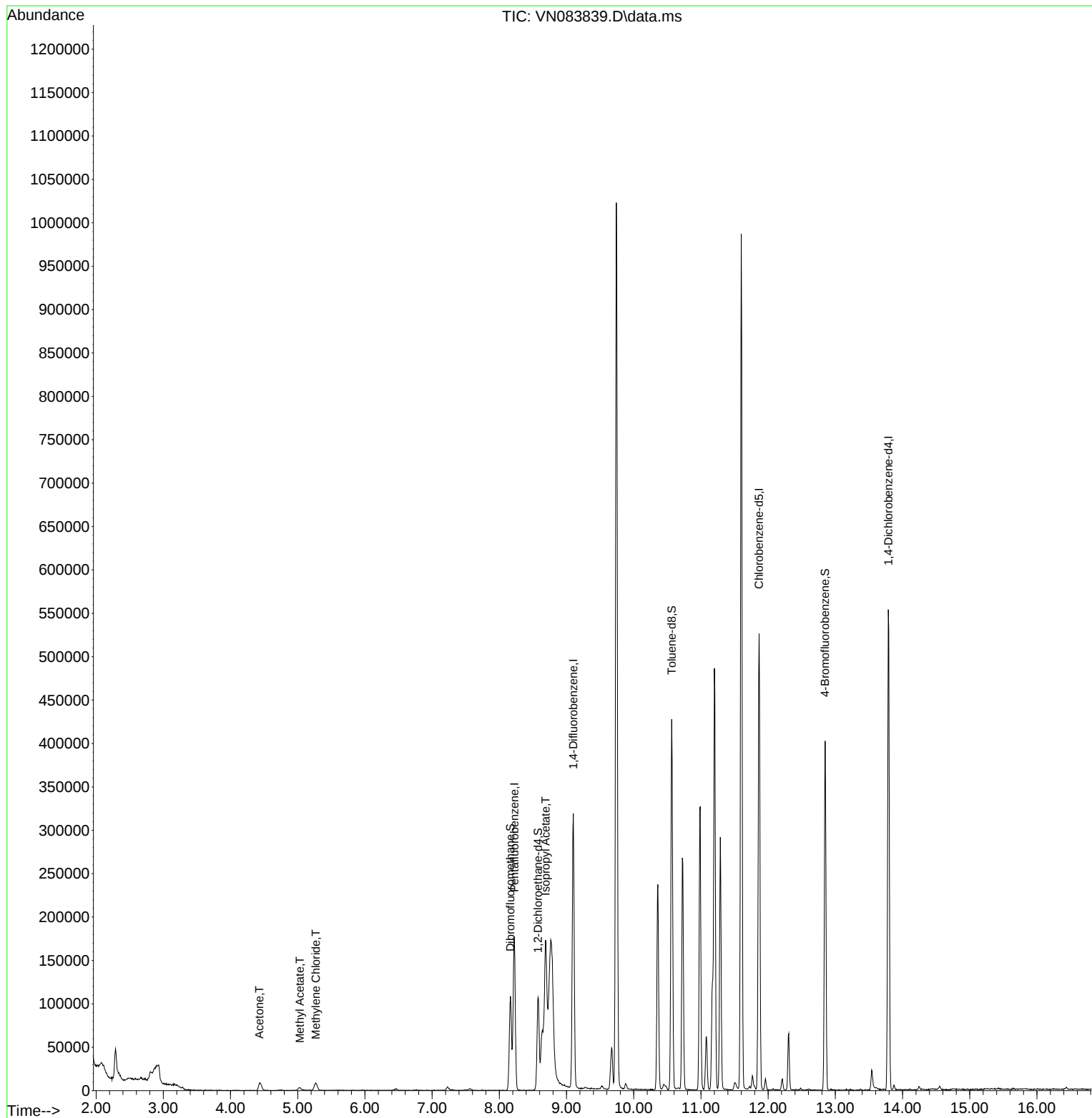
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
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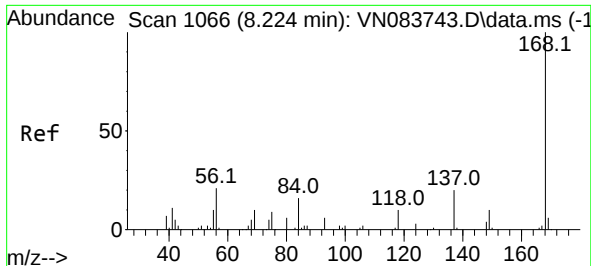
Instrument :
MSVOA_N
ClientSampleId :
FM2

Quant Time: Sep 13 00:22:56 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

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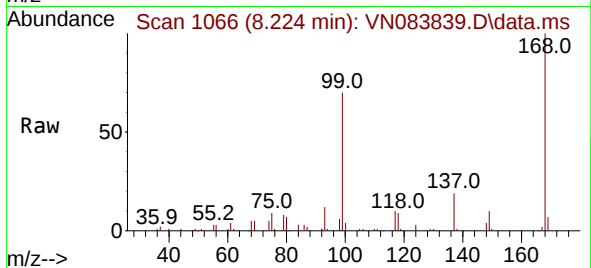
Reviewed By : John Carlone 09/13/2024
Supervised By : Mahesh Dadoda 09/13/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

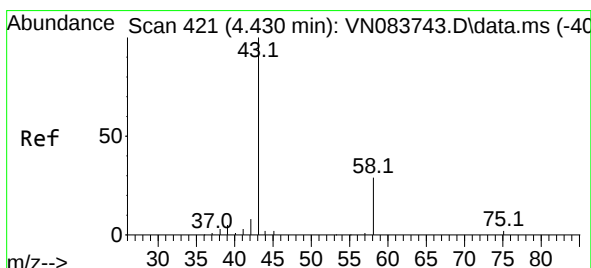
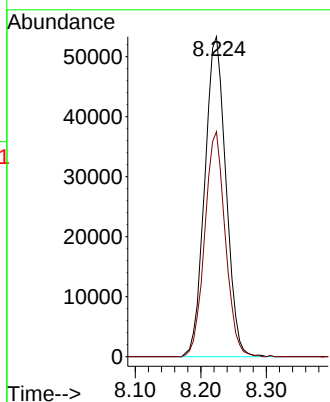
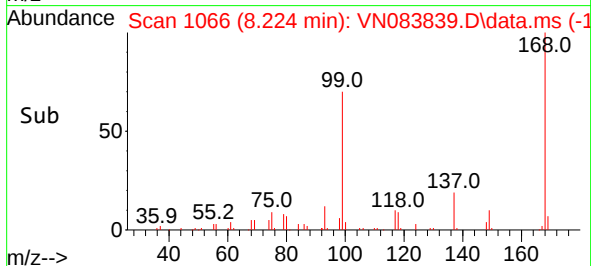
Instrument :
MSVOA_N
ClientSampleId :
FM2



Tgt Ion:168 Resp: 119709
Ion Ratio Lower Upper
168 100
99 70.3 54.2 81.2

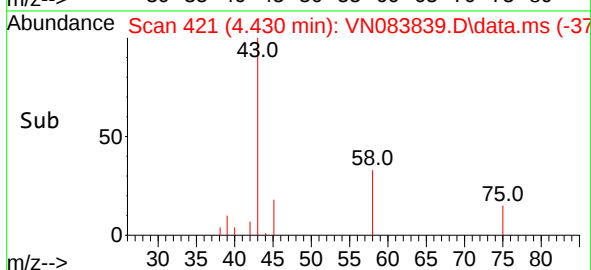
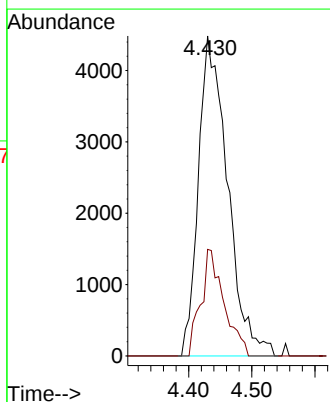
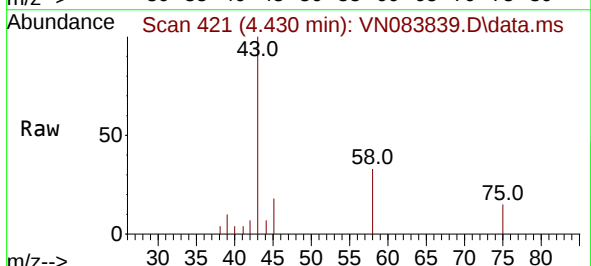
Manual Integrations
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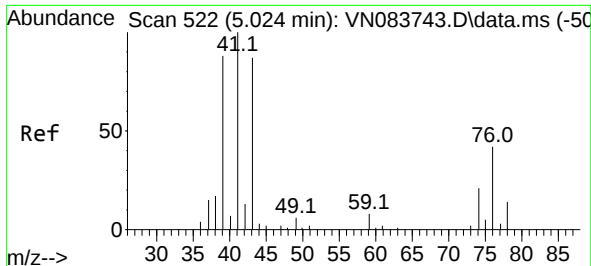
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 19.837 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

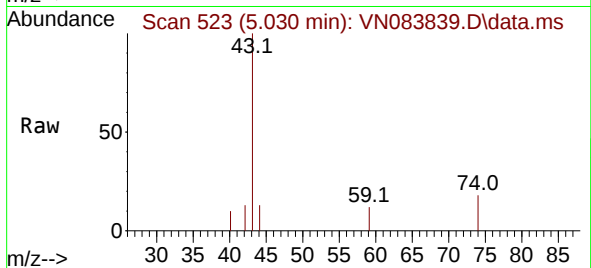
Tgt Ion: 43 Resp: 14354
Ion Ratio Lower Upper
43 100
58 33.3 23.7 35.5





#18
Methyl Acetate
Concen: 2.754 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

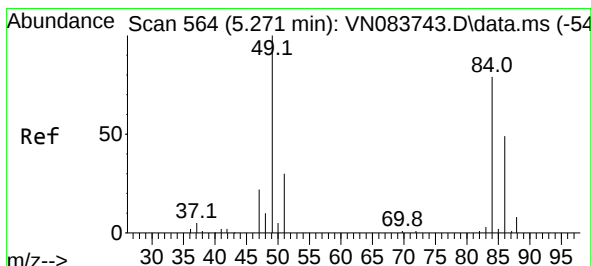
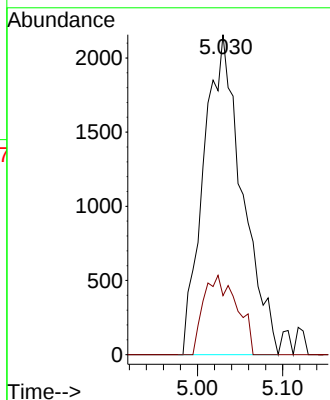
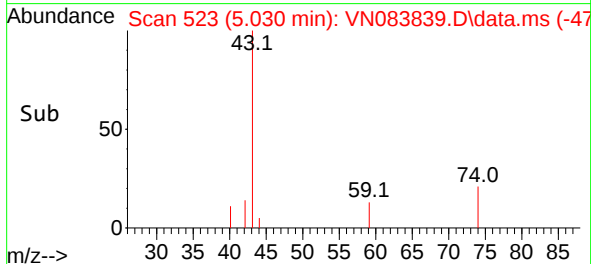
Instrument :
MSVOA_N
ClientSampleId :
FM2



Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.4

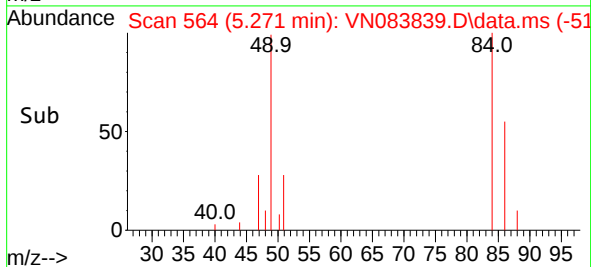
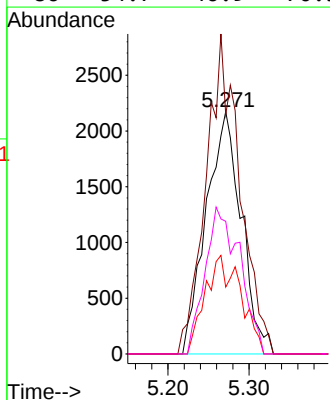
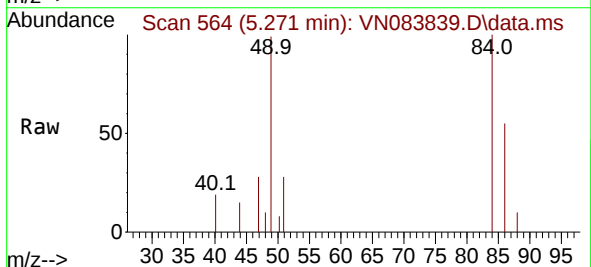
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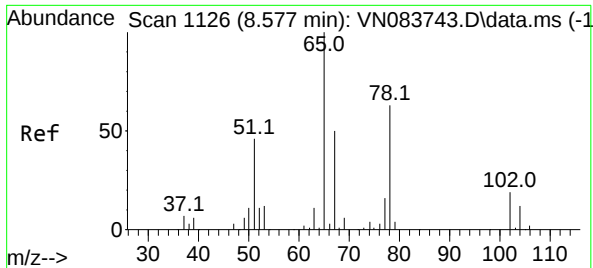
Reviewed By :John Carlone 09/13/2024
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#20
Methylene Chloride
Concen: 4.421 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

Tgt Ion: 84 Resp: 6546
Ion Ratio Lower Upper
84 100
49 98.7 93.4 140.0
51 27.6 29.2 43.8#
86 54.7 46.9 70.3





#33

1,2-Dichloroethane-d4

Concen: 53.413 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083839.D

Acq: 12 Sep 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

FM2

Tgt Ion: 65 Resp: 9641

Ion Ratio Lower Upper

65 100

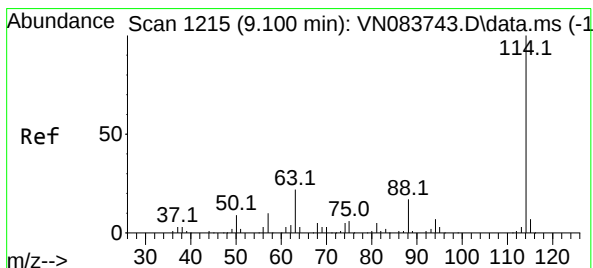
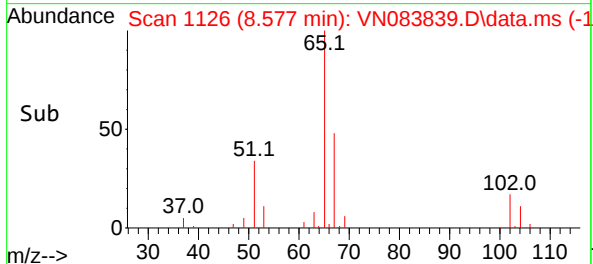
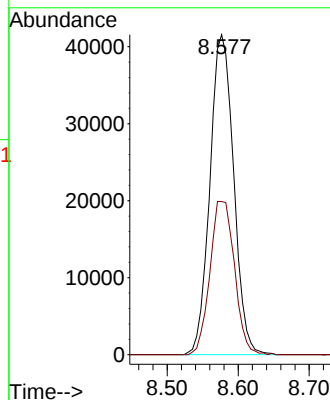
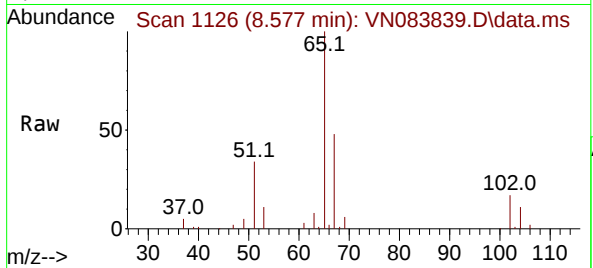
67 49.6 0.0 100.8

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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: VN083839.D

Acq: 12 Sep 2024 18:18

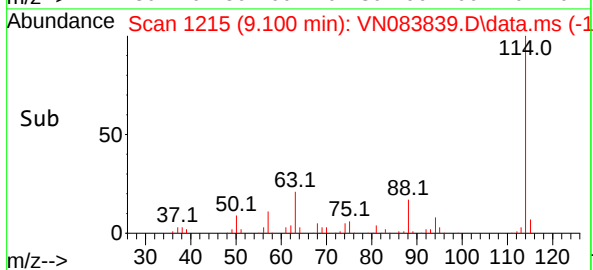
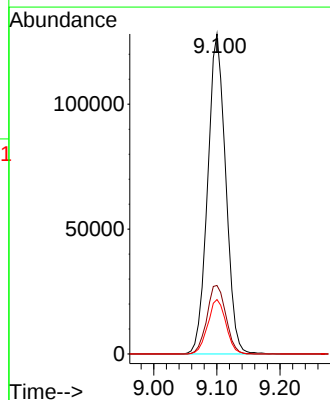
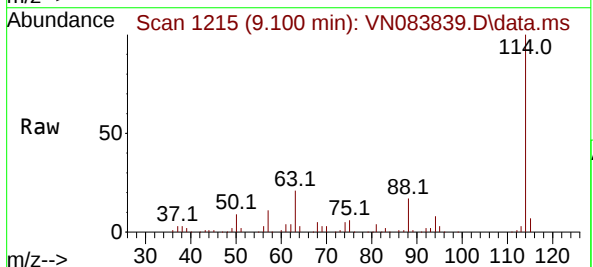
Tgt Ion:114 Resp: 254106

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

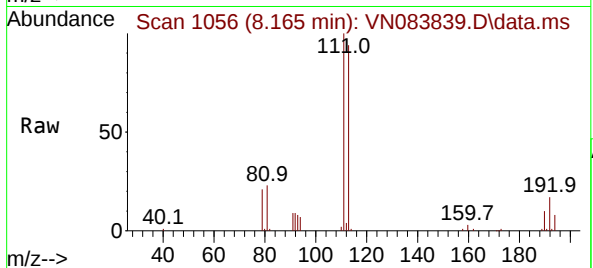
88 17.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.841 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

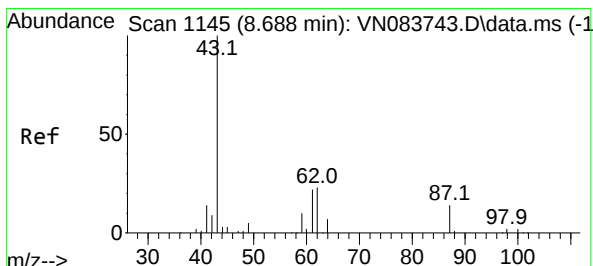
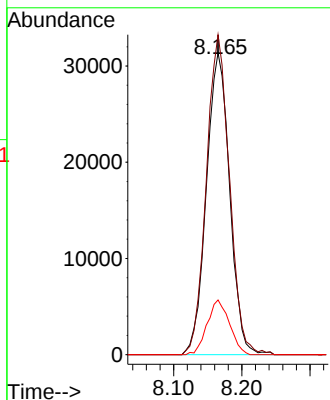
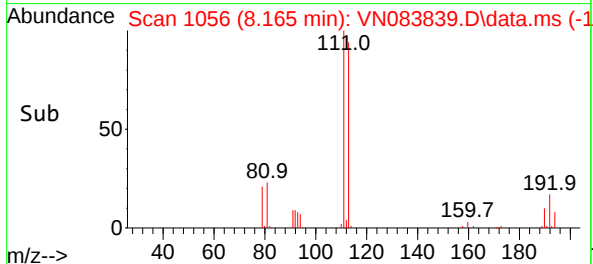
Instrument :
MSVOA_N
ClientSampleId :
FM2



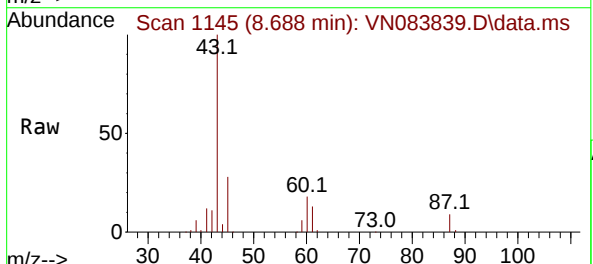
Tgt Ion: 113 Resp: 74572
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 17.4 14.3 21.5

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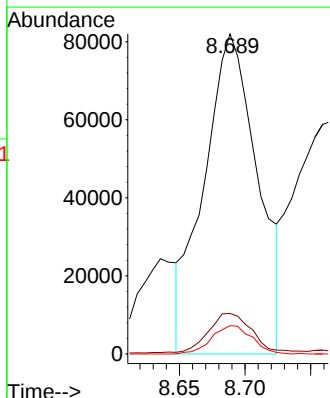
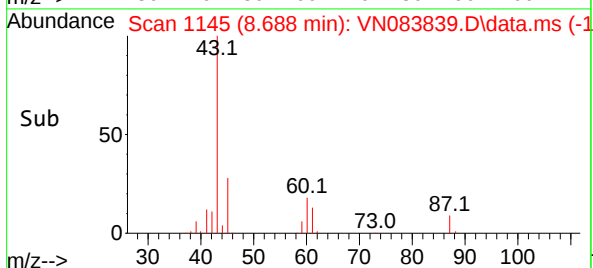
Reviewed By :John Carlone 09/13/2024
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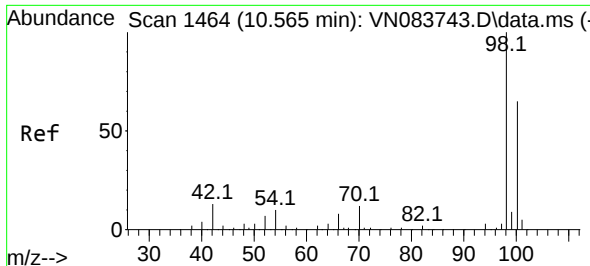


#43
Isopropyl Acetate
Concen: 57.903 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18



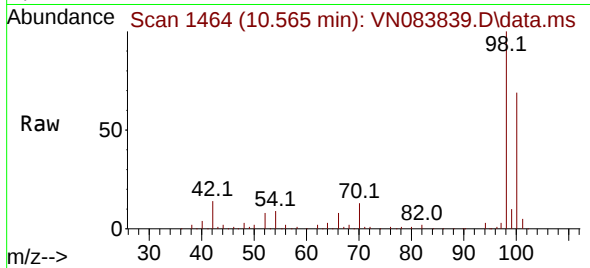
Tgt Ion: 43 Resp: 233203
Ion Ratio Lower Upper
43 100
61 10.2 19.4 29.0#
87 6.6 9.8 14.6#





#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18

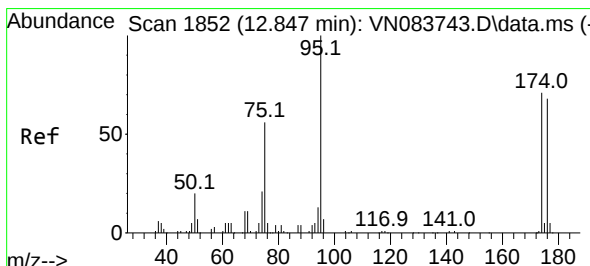
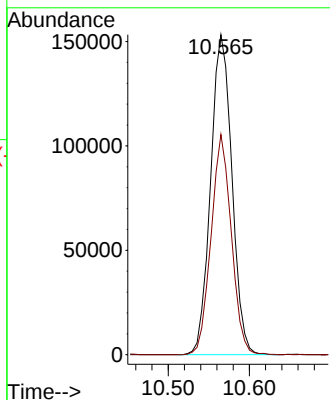
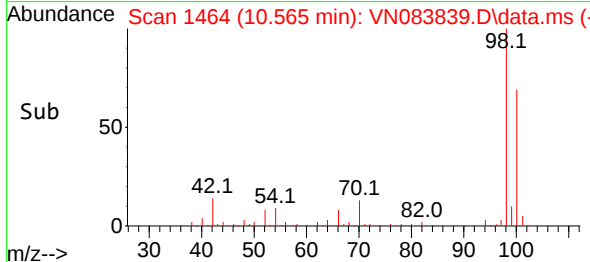
Instrument :
MSVOA_N
ClientSampleId :
FM2



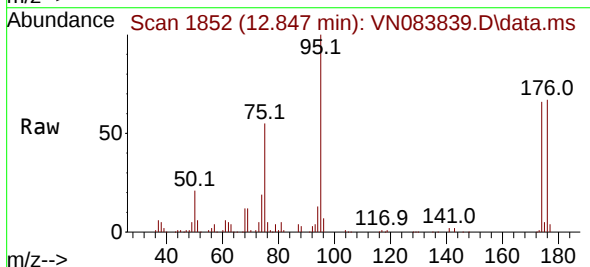
Tgt Ion: 98 Resp: 279073
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

Manual Integrations
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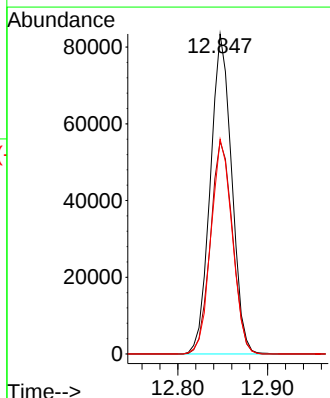
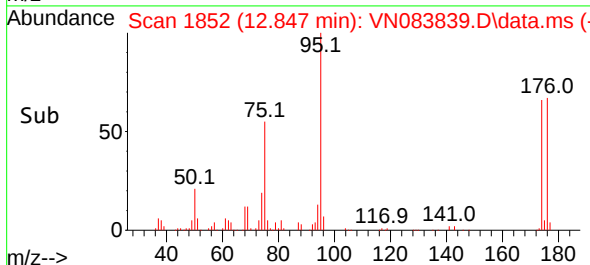
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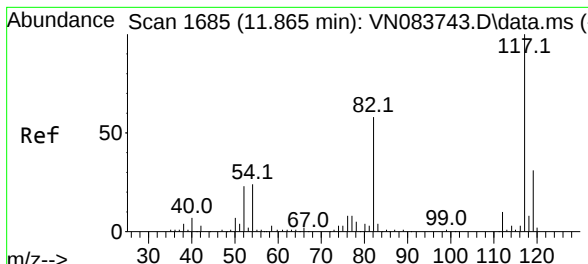


#62
4-Bromofluorobenzene
Concen: 59.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083839.D
Acq: 12 Sep 2024 18:18



Tgt Ion: 95 Resp: 137927
Ion Ratio Lower Upper
95 100
174 68.7 0.0 139.8
176 67.0 0.0 131.4





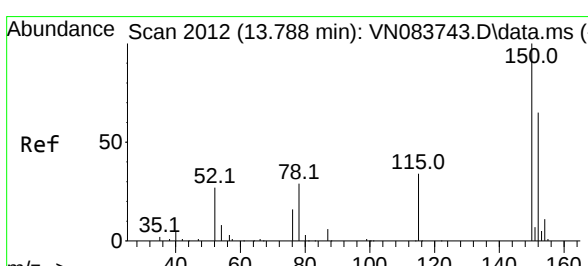
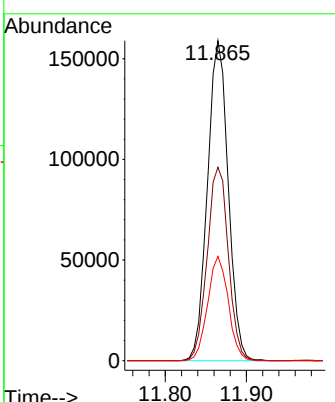
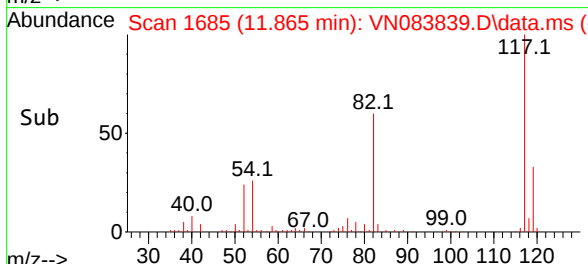
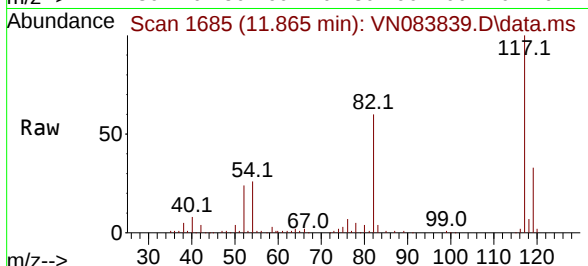
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VN083839.D
 Acq: 12 Sep 2024 18:18

Instrument : MSVOA_N
 ClientSampleId : FM2

Tgt Ion:	117	Resp:	28288
Ion Ratio	Lower	Upper	
117	100		
82	60.5	47.4	71.0
119	32.6	26.3	39.5

Manual Integrations
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN083839.D
 Acq: 12 Sep 2024 18:18

Tgt Ion:	152	Resp:	141412
Ion Ratio	Lower	Upper	
152	100		
115	64.1	32.2	96.6
150	156.1	0.0	348.6

