

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083939.D
 Acq On : 17 Sep 2024 12:42
 Operator : JC\MD
 Sample : P3976-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 17 13:00:07 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	164992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127310	51.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	8.165	113	91661	50.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	10.565	98	346678	54.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.847	95	122861	47.069	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.140%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	17412	17.459	ug/l	99
20) Methylene Chloride	5.283	84	6040	2.960	ug/l #	84
43) Isopropyl Acetate	8.688	43	126704	27.964	ug/l #	82

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

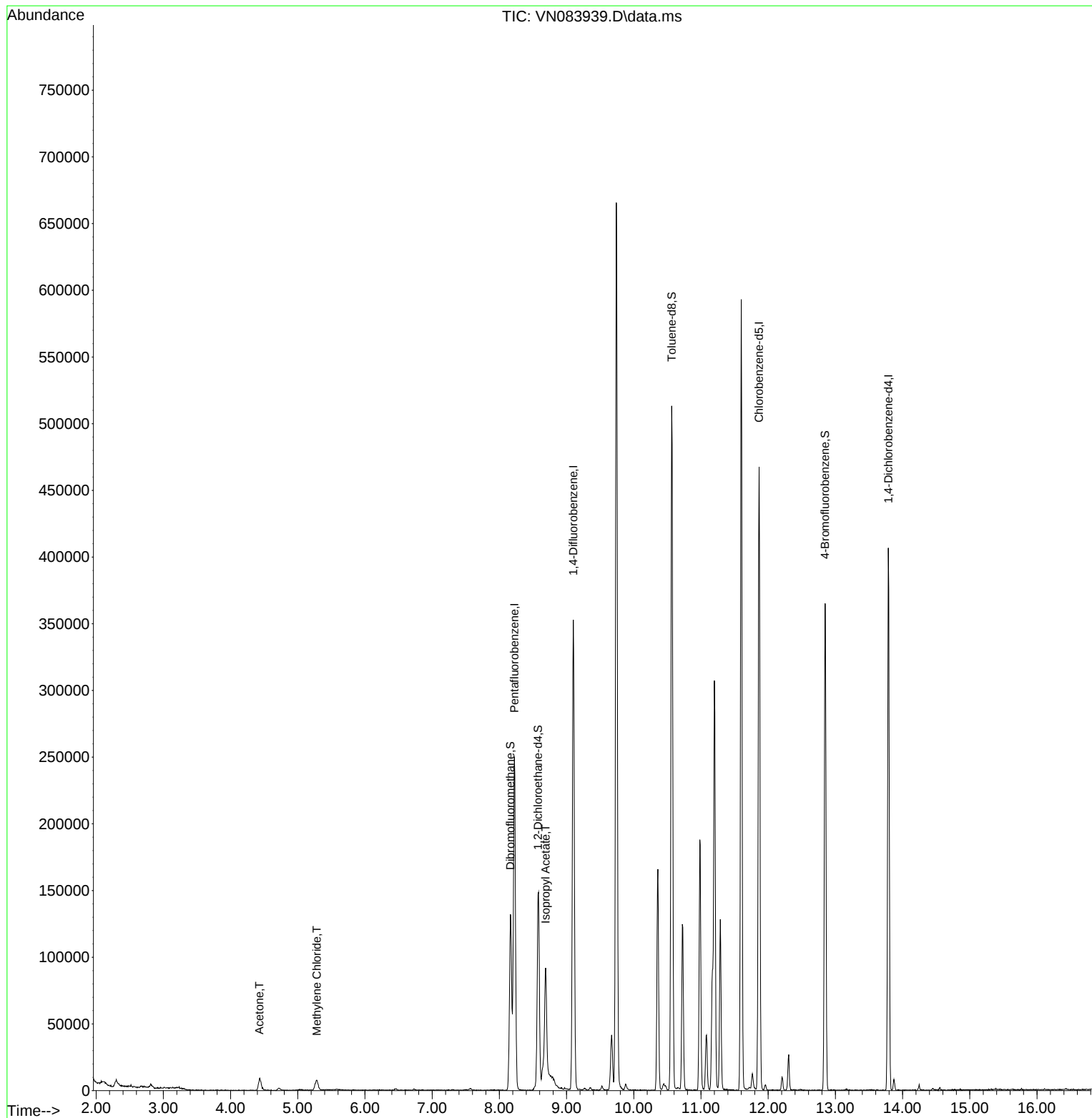
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083939.D
Acq On : 17 Sep 2024 12:42
Operator : JC\MD
Sample : P3976-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

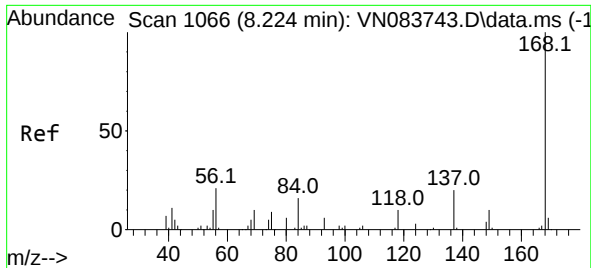
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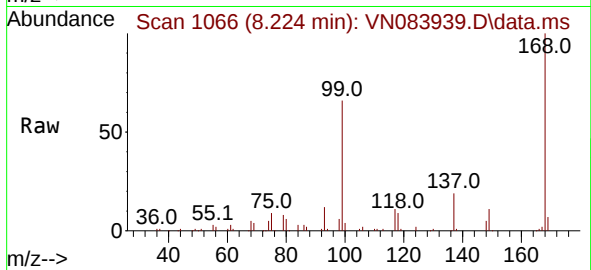
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

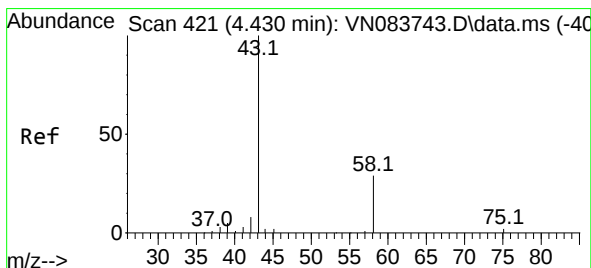
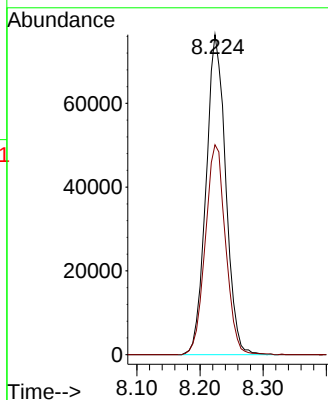
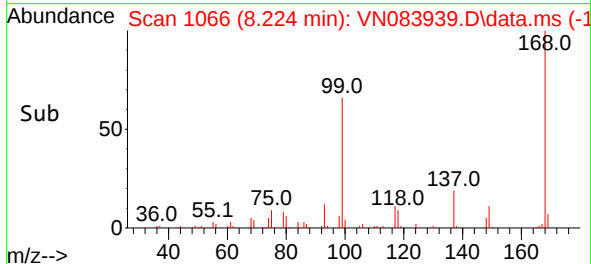
Instrument :
MSVOA_N
ClientSampleId :
RW-2



Tgt Ion:168 Resp: 164992
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2

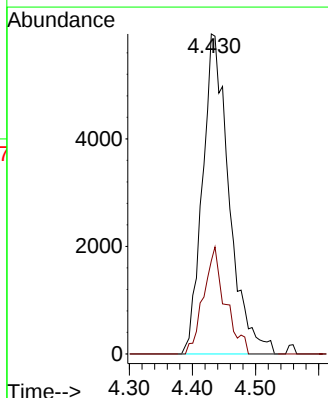
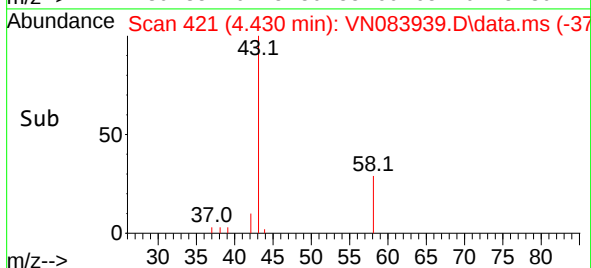
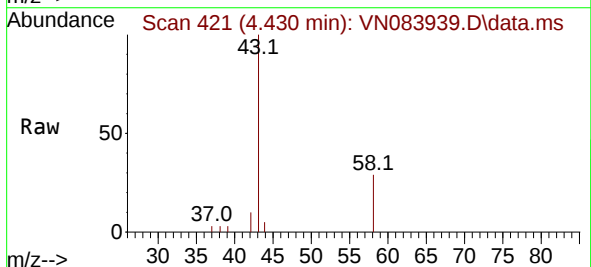
Manual Integrations
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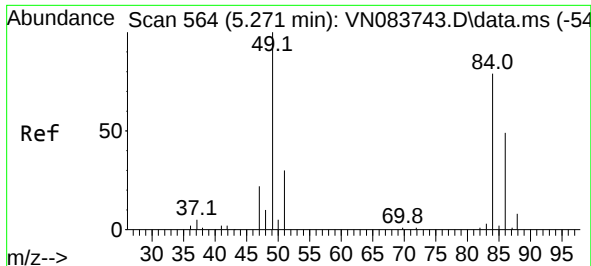
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#16
Acetone
Concen: 17.459 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

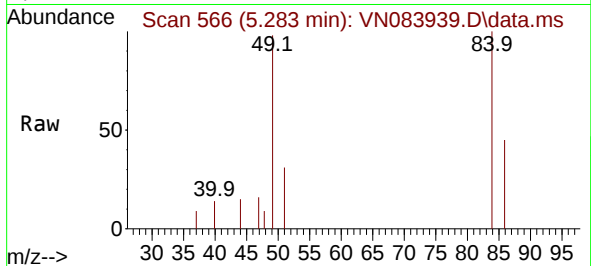
Tgt Ion: 43 Resp: 17412
Ion Ratio Lower Upper
43 100
58 29.1 23.7 35.5





#20
Methylene Chloride
Concen: 2.960 ug/l
RT: 5.283 min Scan# 504
Delta R.T. 0.012 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

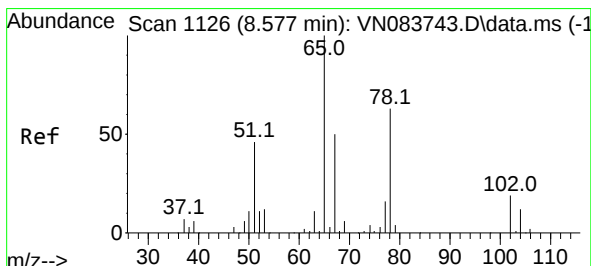
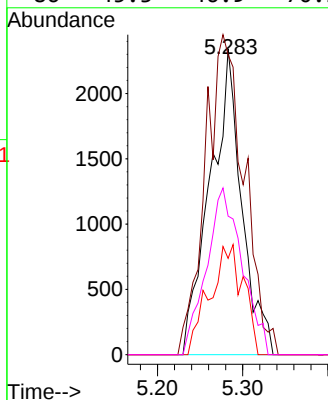
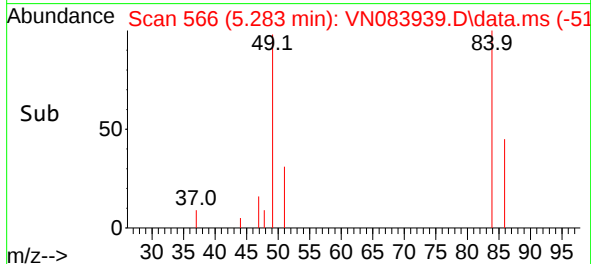
Instrument :
MSVOA_N
ClientSampleId :
RW-2



Tgt Ion: 84	Resp: 6040
Ion Ratio	Lower Upper
84 100	
49 98.0	93.4 140.0
51 31.5	29.2 43.8
86 45.3	46.9 70.3#

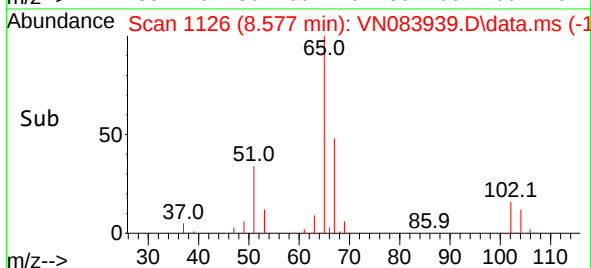
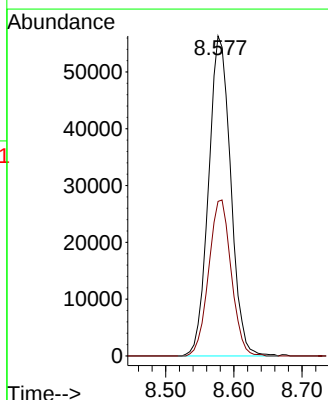
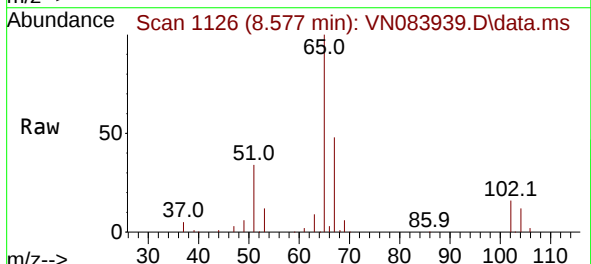
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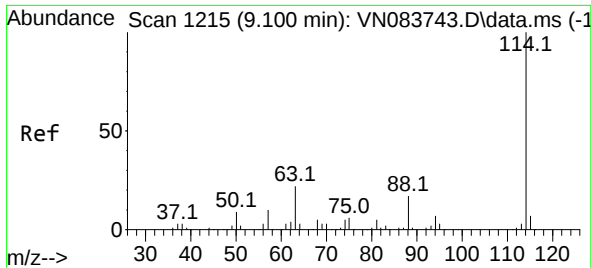
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#33
1,2-Dichloroethane-d4
Concen: 51.173 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

Tgt Ion: 65	Resp: 127310
Ion Ratio	Lower Upper
65 100	
67 49.5	0.0 100.8





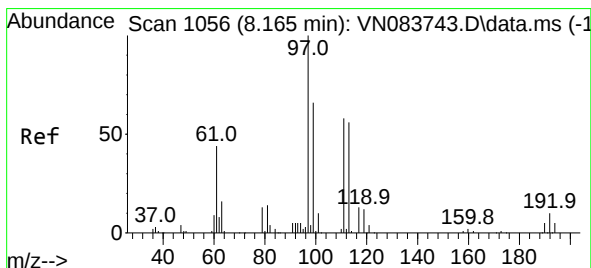
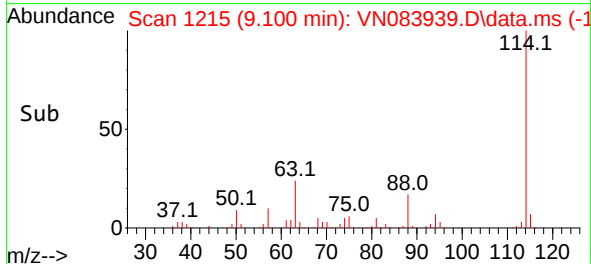
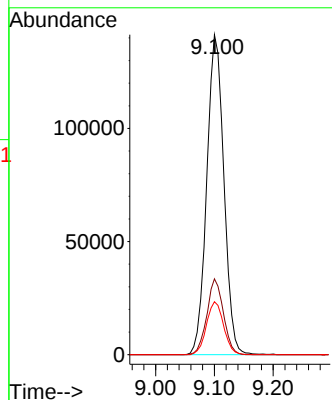
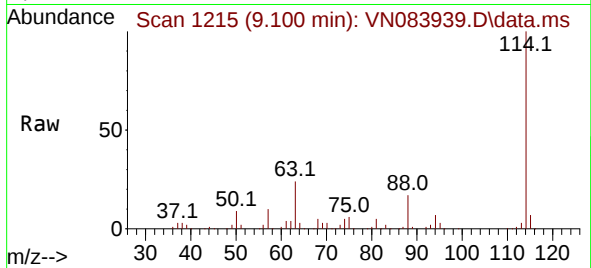
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :
RW-2

Tgt Ion:114 Resp: 28586
Ion Ratio Lower Upper
114 100
63 23.7 0.0 43.4
88 16.5 0.0 32.6

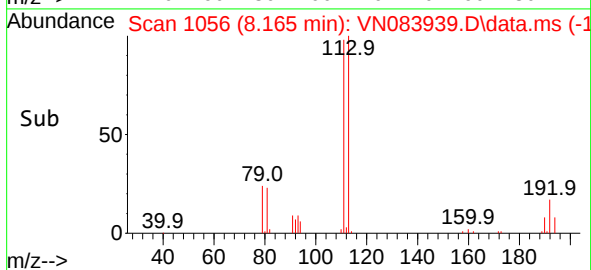
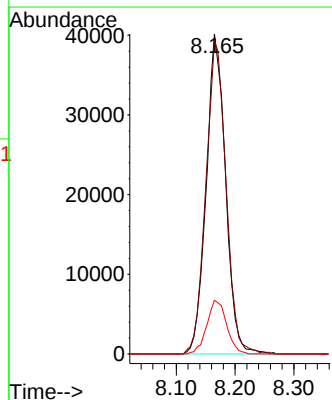
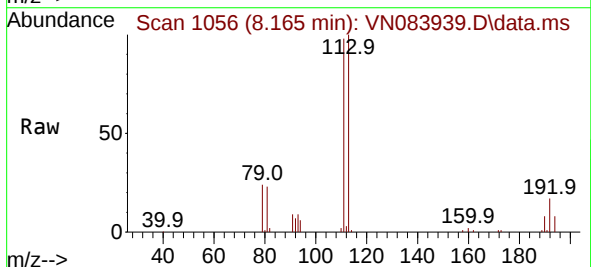
Manual Integrations
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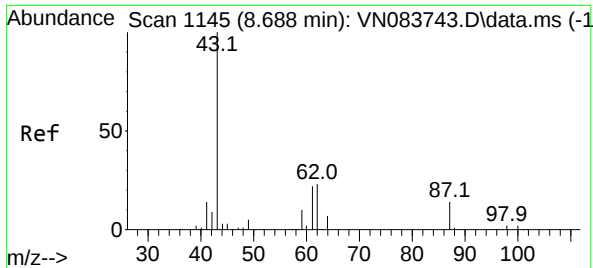
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#35
Dibromofluoromethane
Concen: 50.086 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

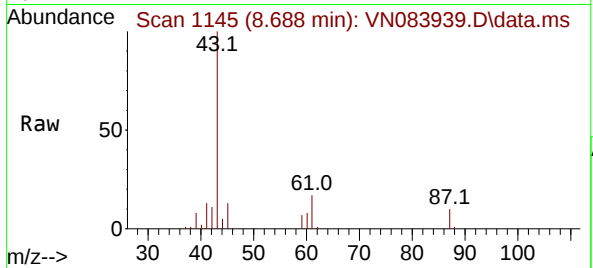
Tgt Ion:113 Resp: 91661
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.2 14.3 21.5





#43
Isopropyl Acetate
Concen: 27.964 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

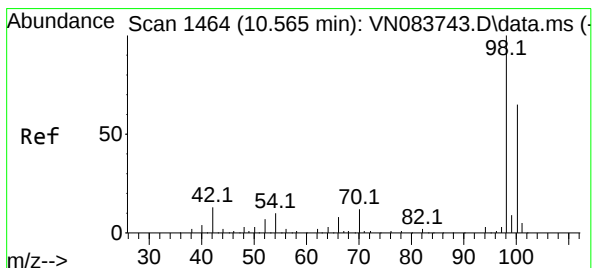
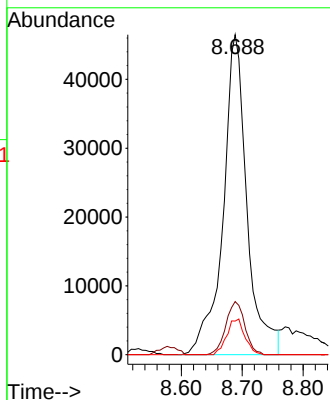
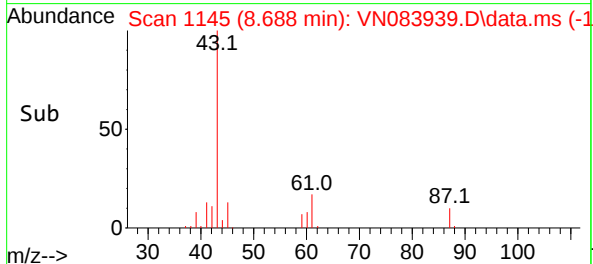
Instrument :
MSVOA_N
ClientSampleId :
RW-2



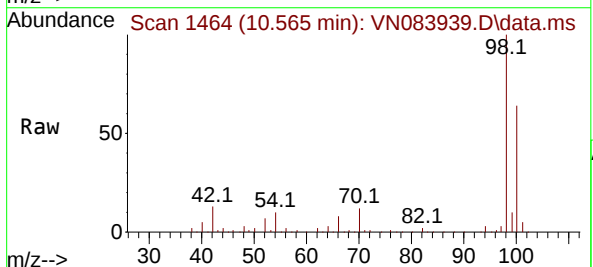
Tgt Ion: 43 Resp: 126704
Ion Ratio Lower Upper
43 100
61 13.2 19.4 29.0
87 8.4 9.8 14.6

Manual Integrations
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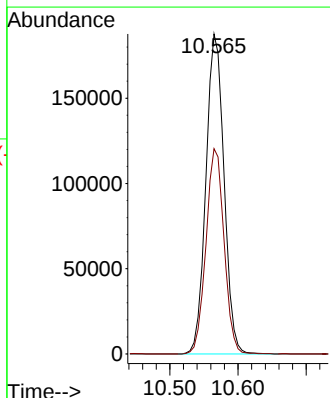
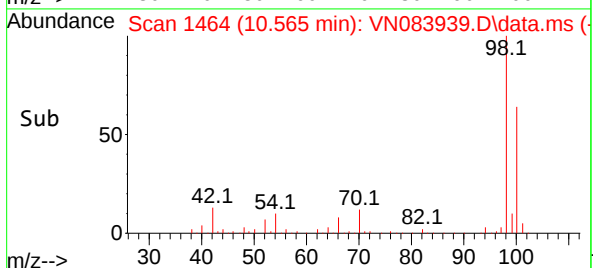
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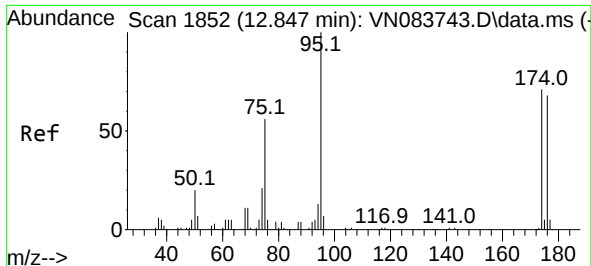


#50
Toluene-d8
Concen: 54.796 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42



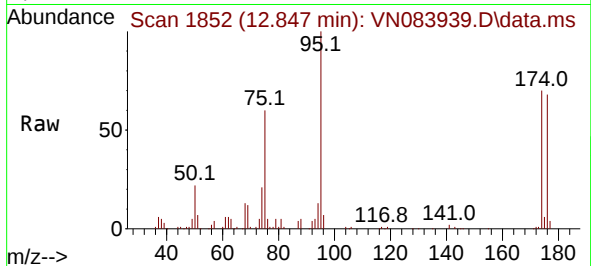
Tgt Ion: 98 Resp: 346678
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42

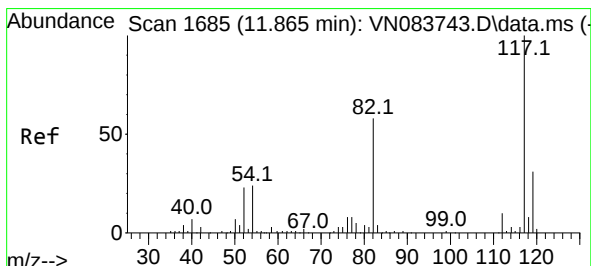
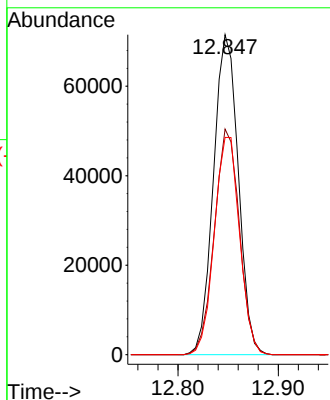
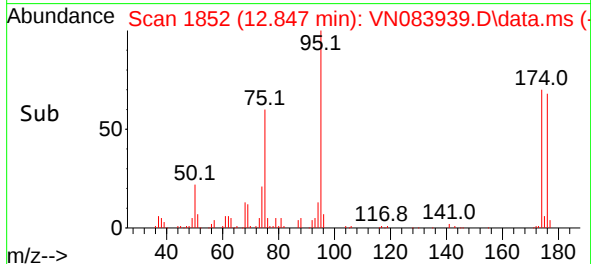
Instrument :
MSVOA_N
ClientSampleId :
RW-2



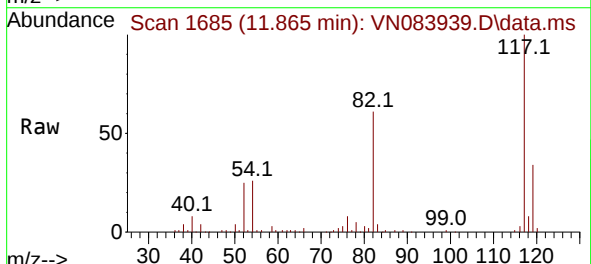
Tgt Ion: 95 Resp: 12286
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 69.4 0.0 131.4

Manual Integrations
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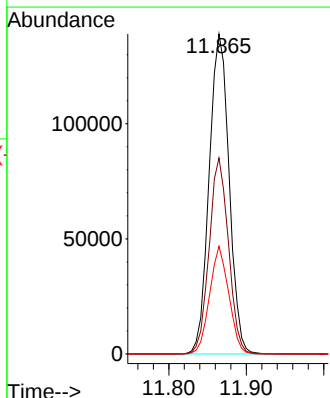
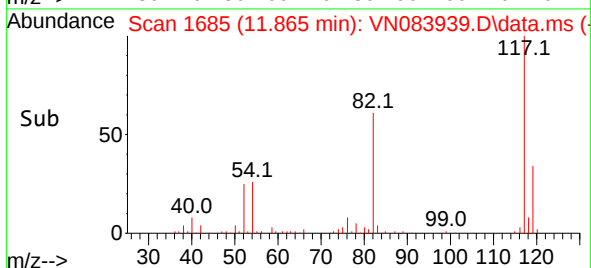
Reviewed By :John Carlone 09/18/2024
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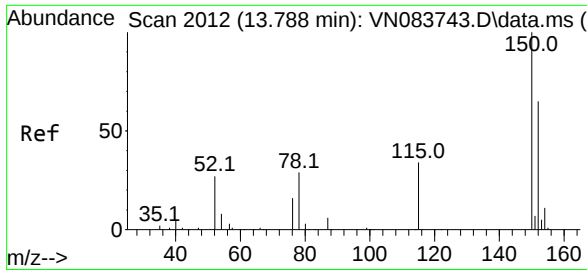


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083939.D
Acq: 17 Sep 2024 12:42



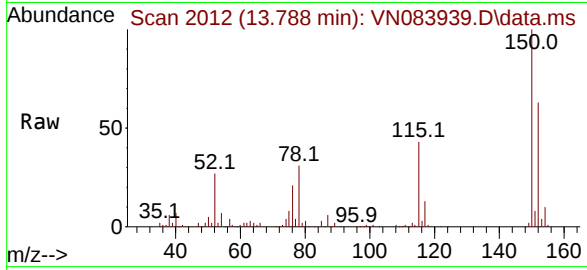
Tgt Ion:117 Resp: 248489
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 33.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083939.D
 Acq: 17 Sep 2024 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RW-2



Tgt Ion:152 Resp: 101300
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.2 96.6
 150 155.5 0.0 348.6

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