

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083994.D
 Acq On : 18 Sep 2024 19:51
 Operator : JC\MD
 Sample : PB163447ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:40:36 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	162437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126867	51.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	8.171	113	89912	49.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	10.565	98	339607	54.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.320%			
62) 4-Bromofluorobenzene	12.847	95	119255	46.097	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.200%			
Target Compounds						
16) Acetone	4.430	43	42579	43.365	ug/l	99
20) Methylene Chloride	5.277	84	3703	1.843	ug/l #	94
43) Isopropyl Acetate	8.688	43	240238m	53.498	ug/l	

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

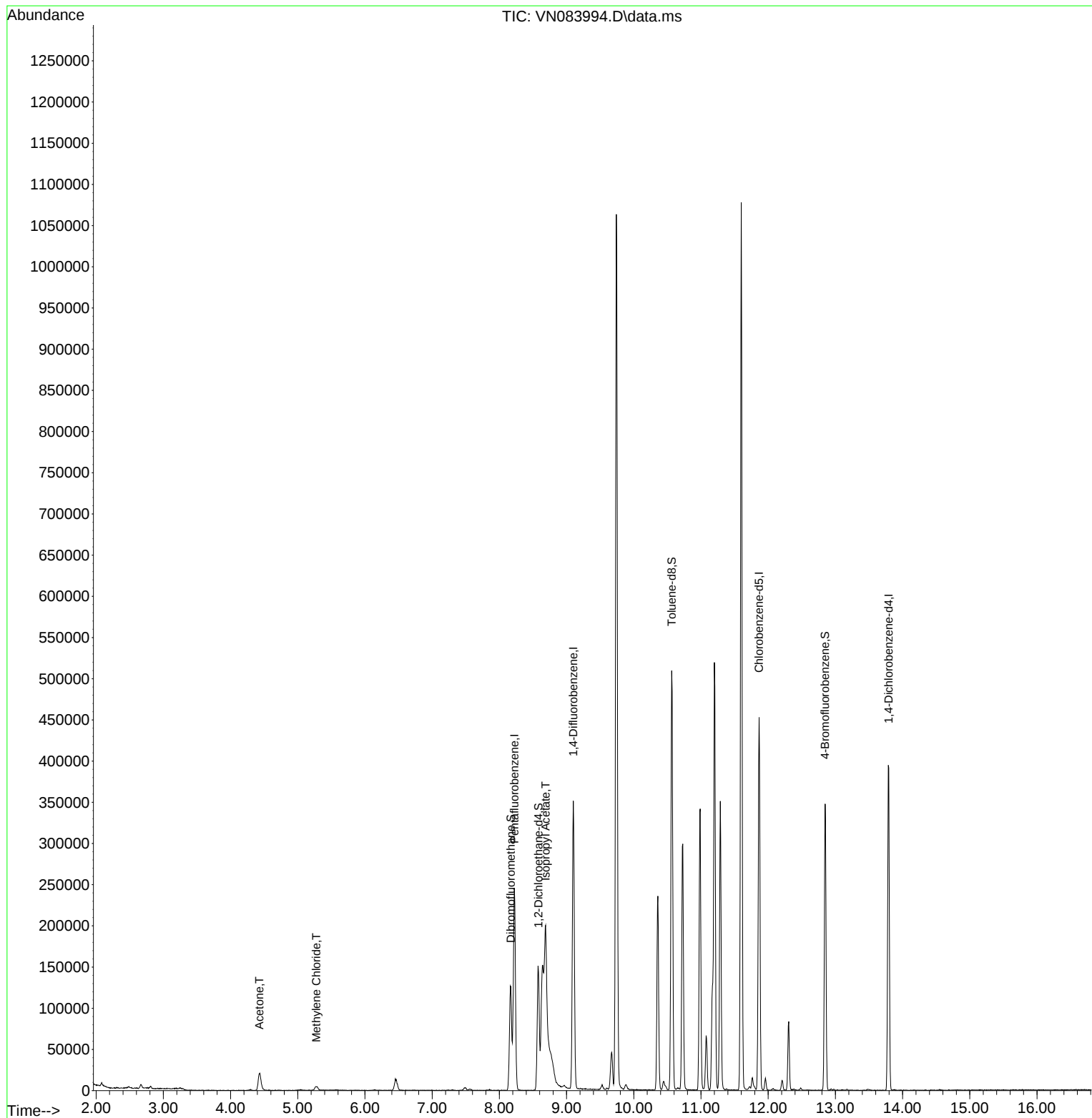
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083994.D
Acq On : 18 Sep 2024 19:51
Operator : JC\MD
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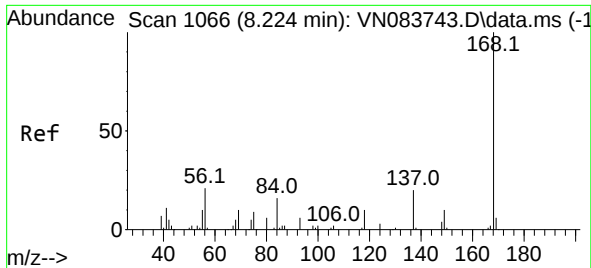
Instrument :
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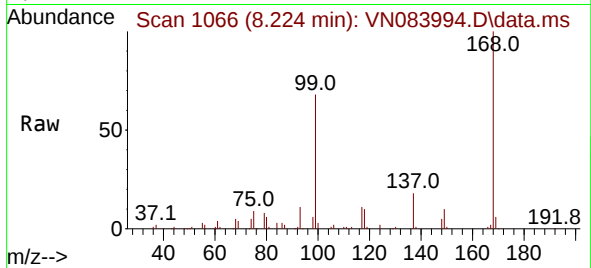
Quant Time: Sep 19 01:40:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51

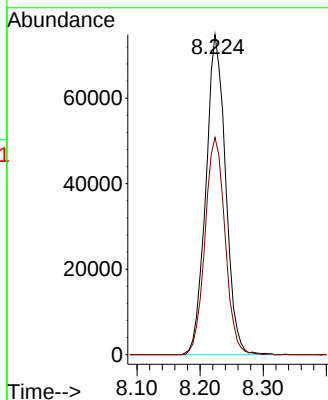
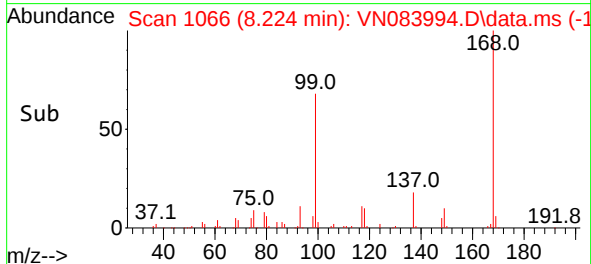
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#11



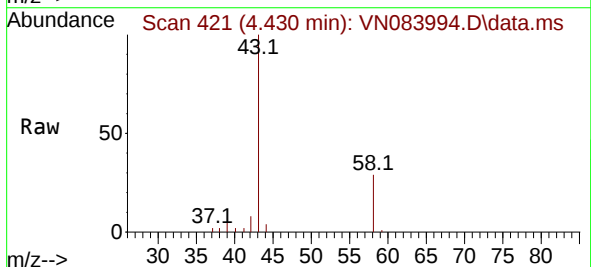
Tgt Ion:168 Resp: 16243
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2

Manual Integrations
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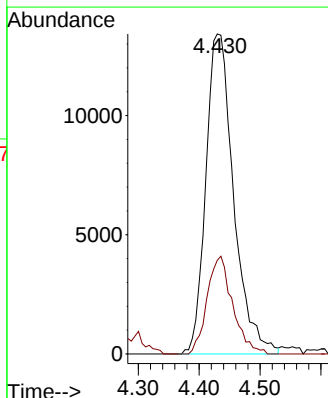
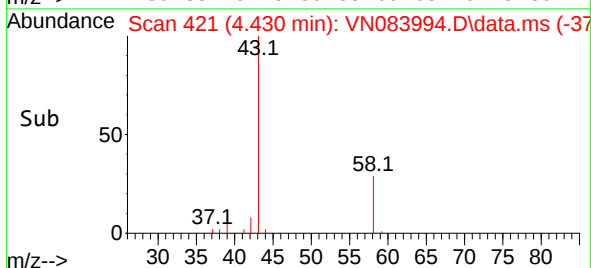
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

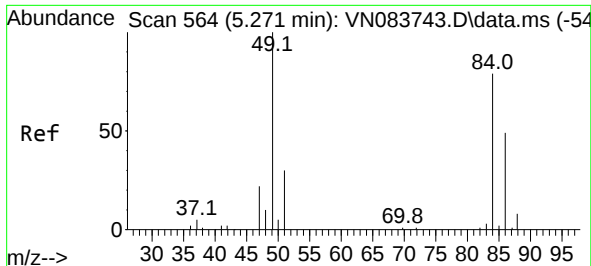


#16
Acetone
Concen: 43.365 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51



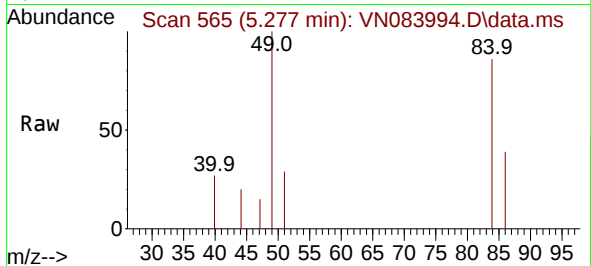
Tgt Ion: 43 Resp: 42579
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#20
Methylene Chloride
Concen: 1.843 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51

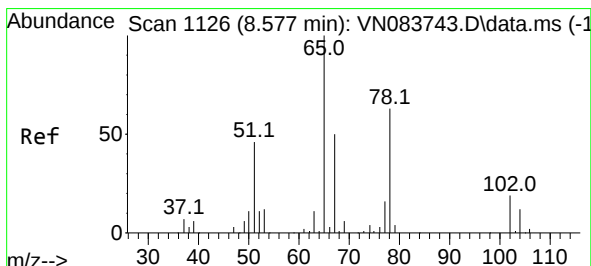
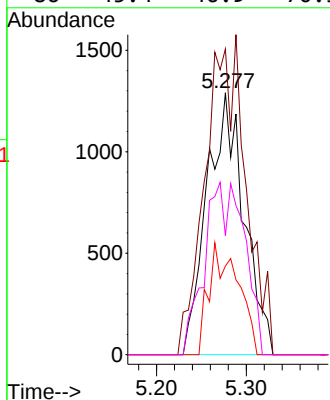
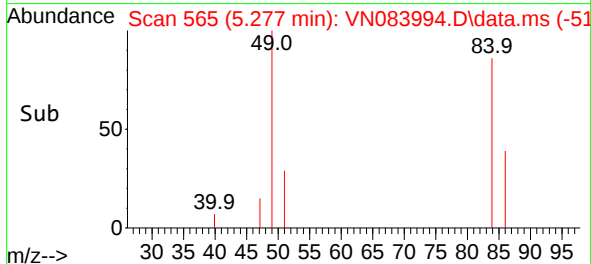
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#11



Tgt Ion: 84	Resp: 370
Ion Ratio	Lower Upper
84	100
49	116.7 93.4 140.0
51	33.8 29.2 43.8
86	45.4 46.9 70.3

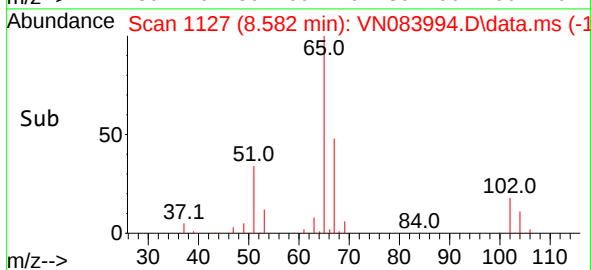
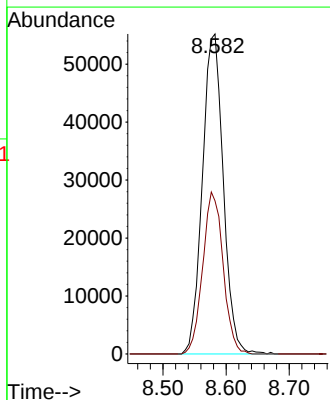
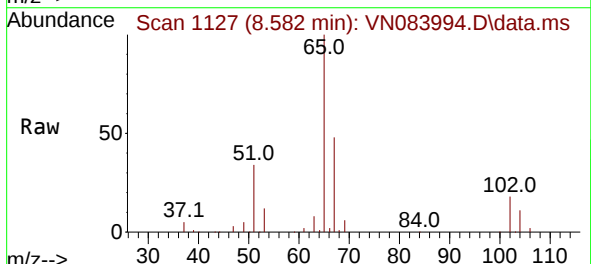
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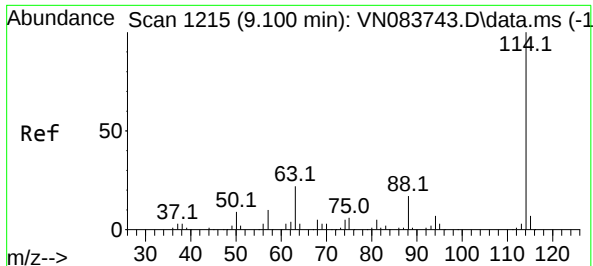
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#33
1,2-Dichloroethane-d4
Concen: 51.797 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51

Tgt Ion: 65	Resp: 126867
Ion Ratio	Lower Upper
65	100
67	49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083994.D

Acq: 18 Sep 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#11

Tgt Ion:114 Resp: 283320

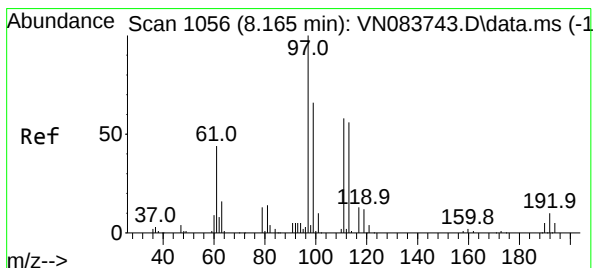
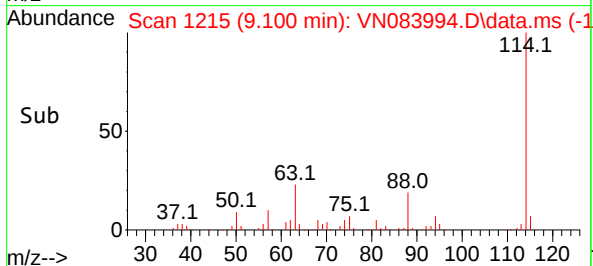
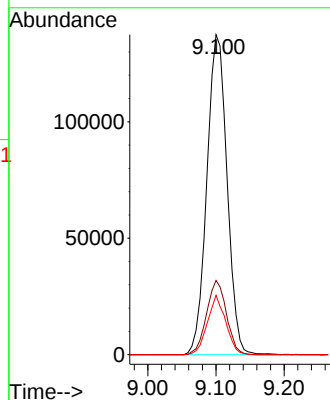
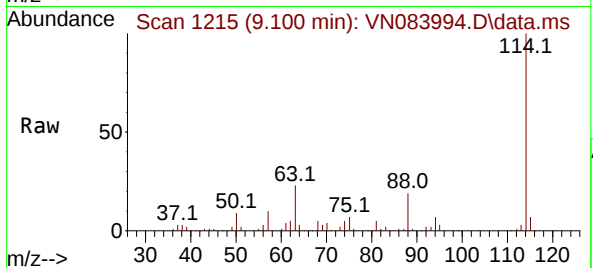
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	43.4
88	18.6	0.0	32.6

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Supervised By :Mahesh Dadoda 09/19/2024



#35

Dibromofluoromethane

Concen: 49.571 ug/l

RT: 8.171 min Scan# 1057

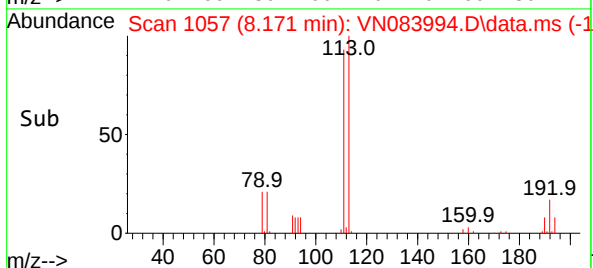
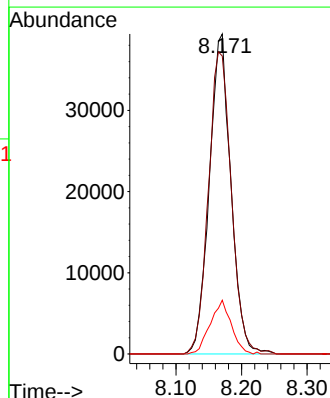
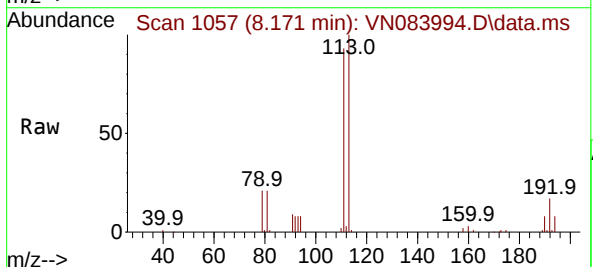
Delta R.T. 0.006 min

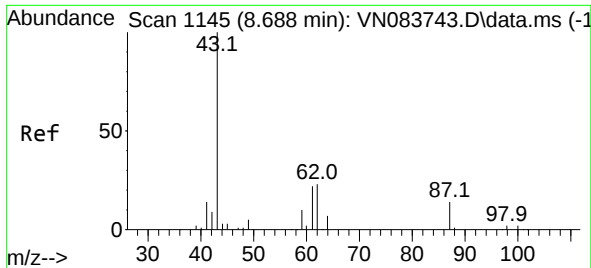
Lab File: VN083994.D

Acq: 18 Sep 2024 19:51

Tgt Ion:113 Resp: 89912

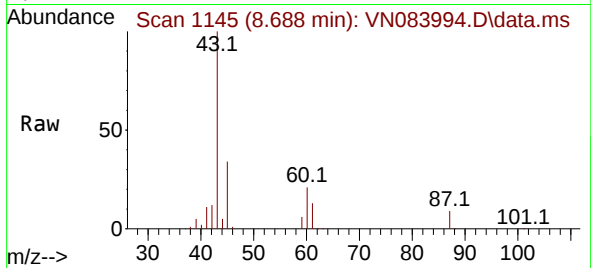
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.6	124.0
192	16.5	14.3	21.5





#43
Isopropyl Acetate
Concen: 53.498 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51

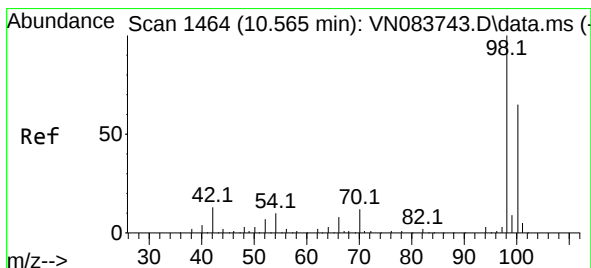
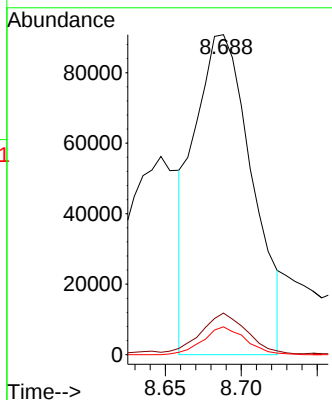
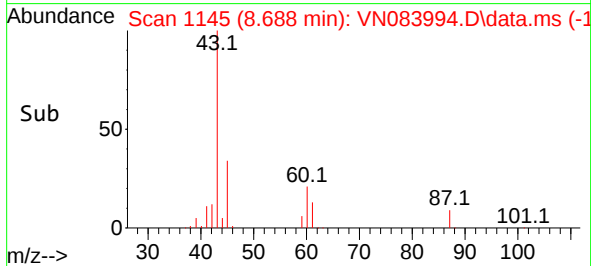
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PB163447ZHE#11



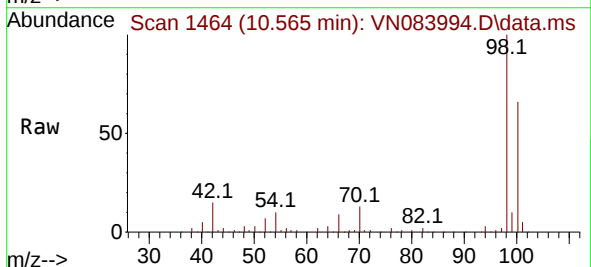
Tgt Ion: 43 Resp: 240238
Ion Ratio Lower Upper
43 100
61 10.7 19.4 29.0
87 6.4 9.8 14.6

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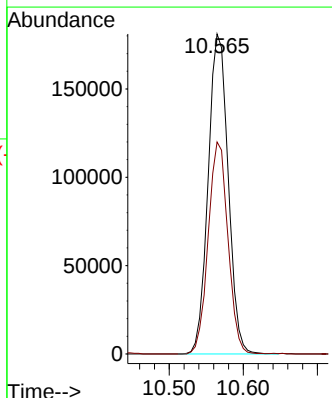
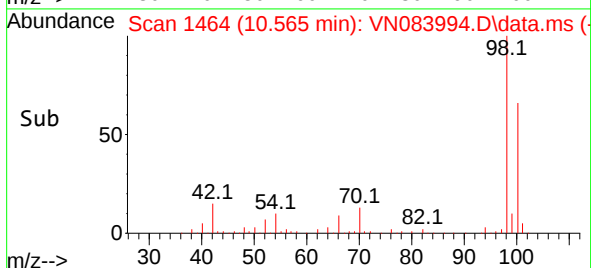
Reviewed By :John Carlone 09/19/2024
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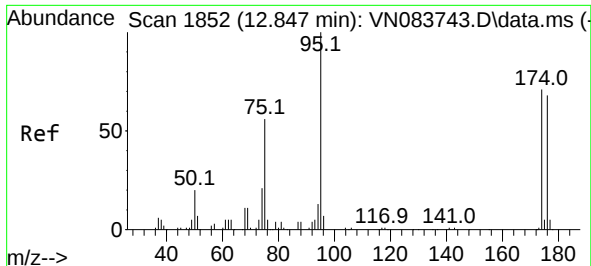


#50
Toluene-d8
Concen: 54.160 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51



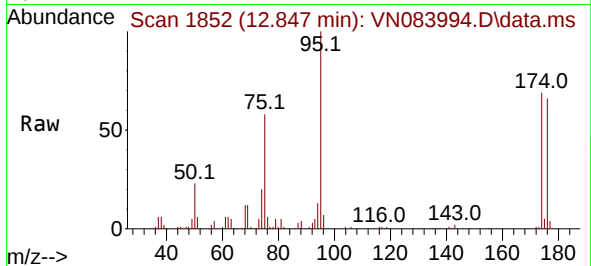
Tgt Ion: 98 Resp: 339607
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51

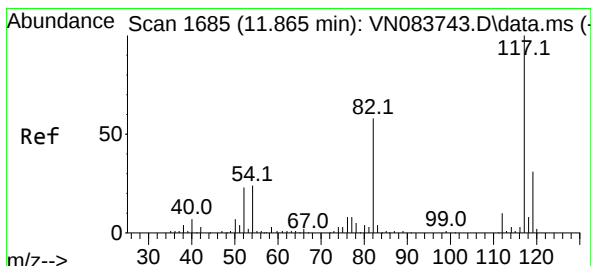
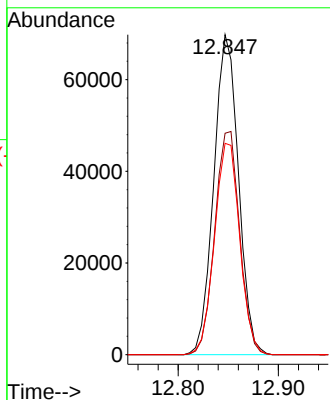
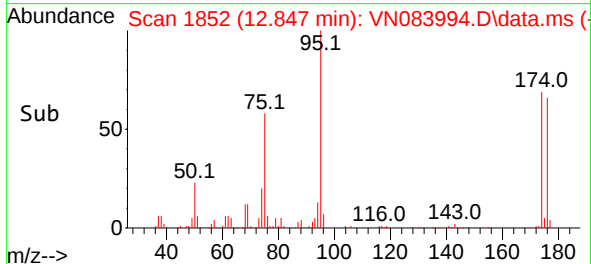
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#11



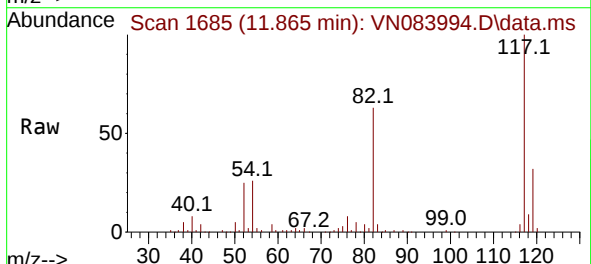
Tgt Ion: 95 Resp: 11925
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.8 0.0 131.4

Manual Integrations
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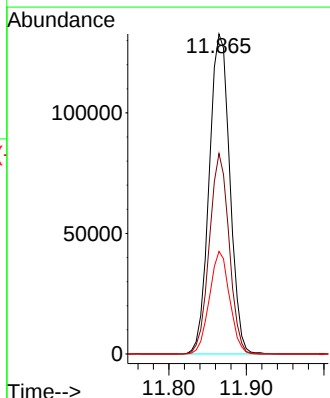
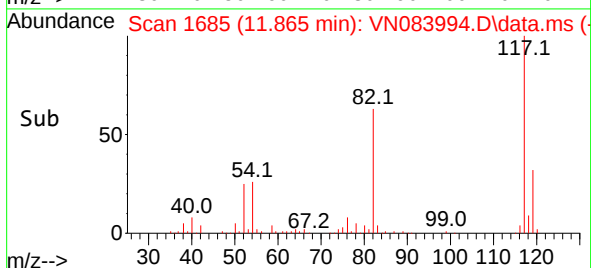
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

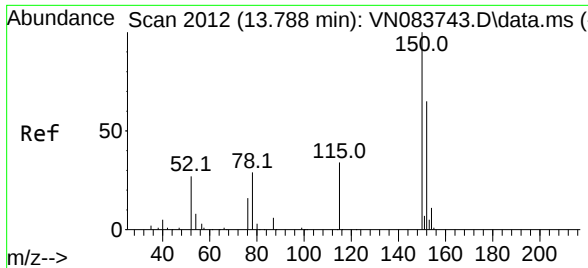


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083994.D
Acq: 18 Sep 2024 19:51



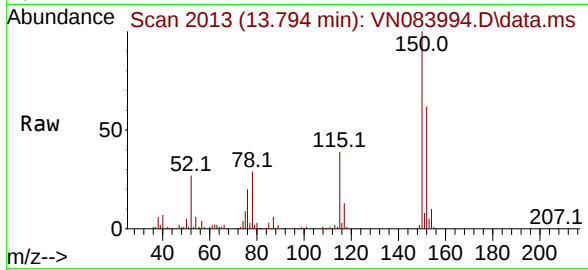
Tgt Ion:117 Resp: 245207
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083994.D
 Acq: 18 Sep 2024 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#11



Tgt Ion:	152	Resp:	9979
Ion Ratio	Lower	Upper	
152	100		
115	65.5	32.2	96.6
150	160.8	0.0	348.6

Manual Integrations
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