

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083986.D
 Acq On : 18 Sep 2024 16:39
 Operator : JC\MD
 Sample : PB163447ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#03

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:36:27 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	8.229	168	178299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136283	50.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.380%			
35) Dibromofluoromethane	8.165	113	96651	48.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	10.565	98	374694	54.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.847	95	132356	46.457	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.920%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	21416	19.871	ug/l #	89
20) Methylene Chloride	5.277	84	6721	3.047	ug/l	93
43) Isopropyl Acetate	8.688	43	251743m	50.906	ug/l	

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

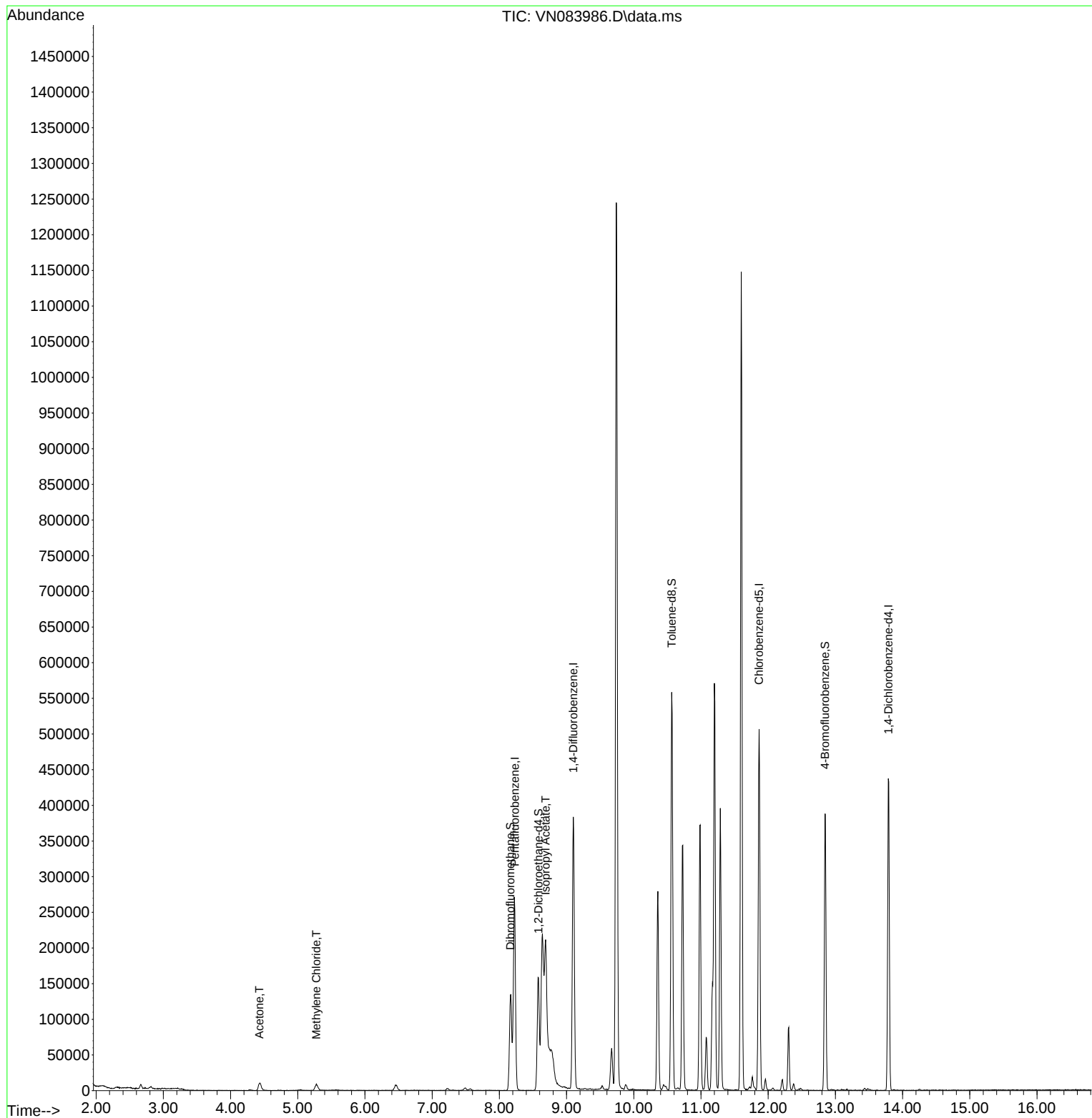
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083986.D
Acq On : 18 Sep 2024 16:39
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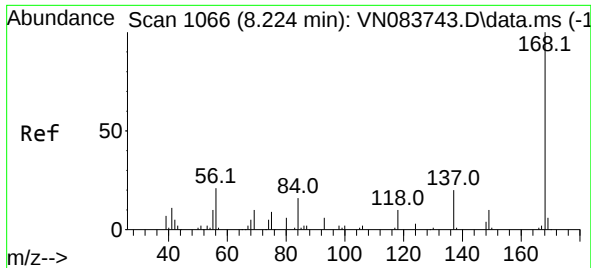
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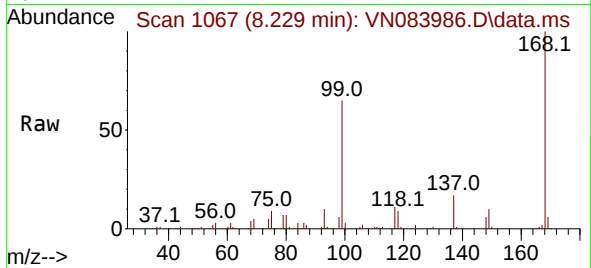
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

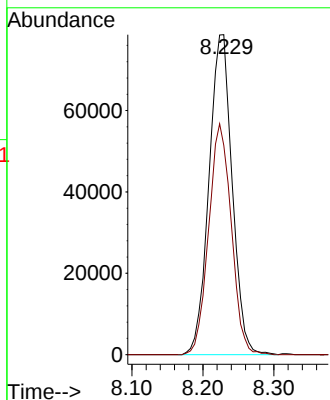
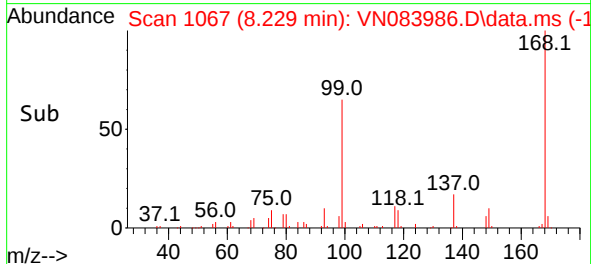
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#03



Tgt Ion:168 Resp: 178299
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2

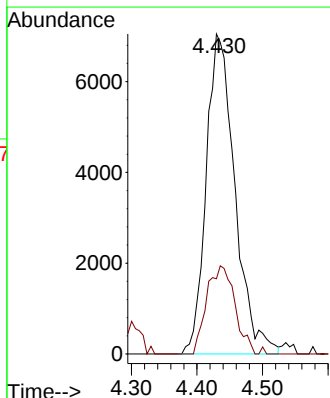
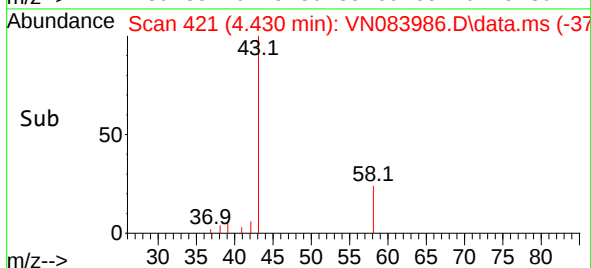
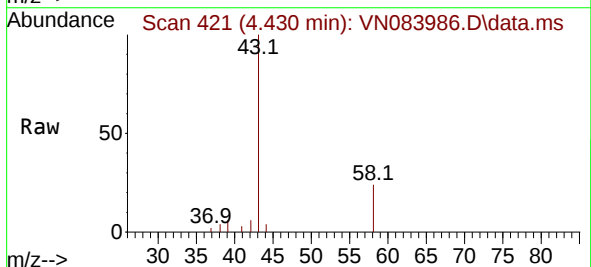
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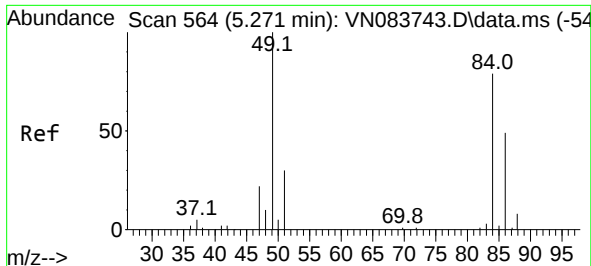
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#16
Acetone
Concen: 19.871 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

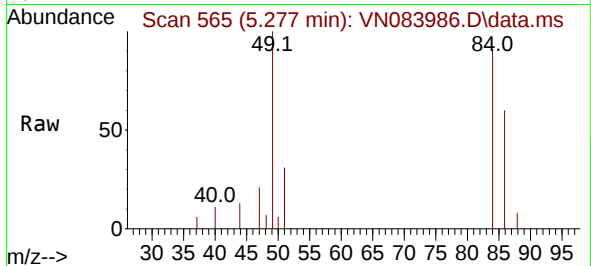
Tgt Ion: 43 Resp: 21416
Ion Ratio Lower Upper
43 100
58 23.5 23.7 35.5#





#20
Methylene Chloride
Concen: 3.047 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

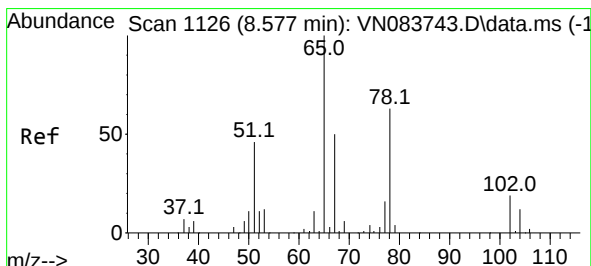
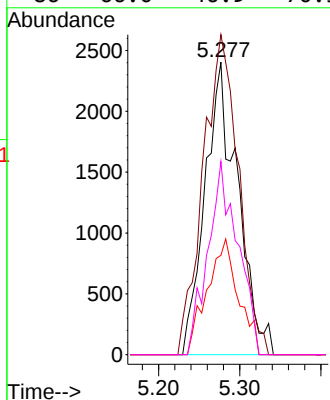
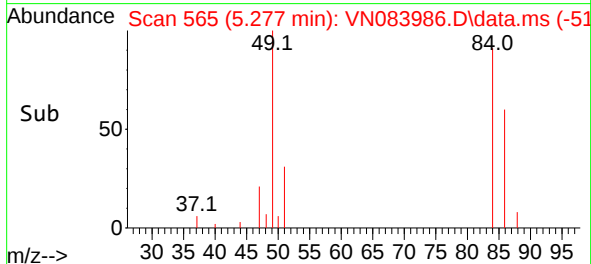
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#03



Tgt Ion: 84 Resp: 672
Ion Ratio Lower Upper
84 100
49 109.4 93.4 140.0
51 34.0 29.2 43.8
86 66.0 46.9 70.3

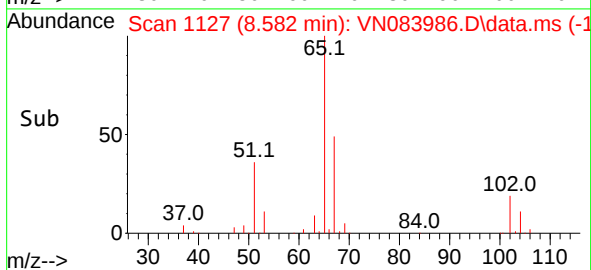
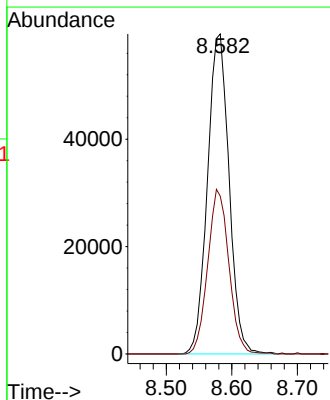
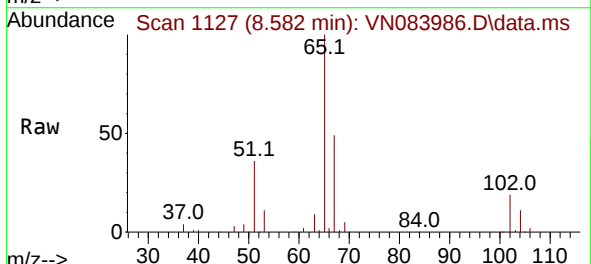
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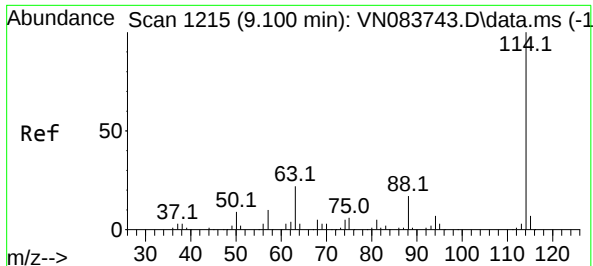
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#33
1,2-Dichloroethane-d4
Concen: 50.691 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

Tgt Ion: 65 Resp: 136283
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083986.D

Acq: 18 Sep 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#03

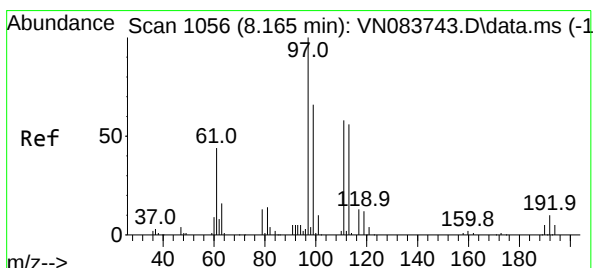
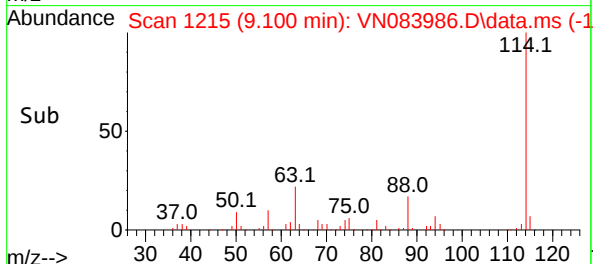
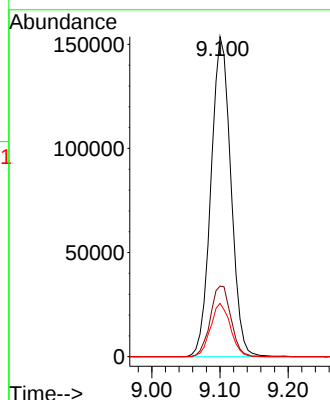
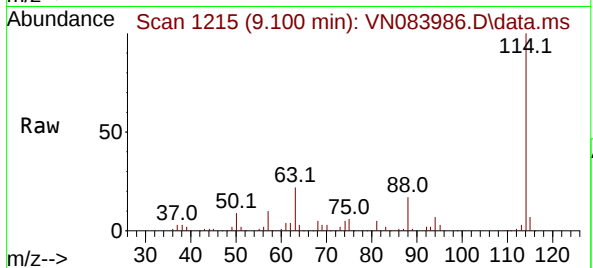
Tgt Ion:114	Resp:	31201
Ion Ratio	Lower	Upper
114	100	
63	22.1	0.0 43.4
88	16.7	0.0 32.6

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Supervised By :Mahesh Dadoda 09/19/2024



#35

Dibromofluoromethane

Concen: 48.387 ug/l

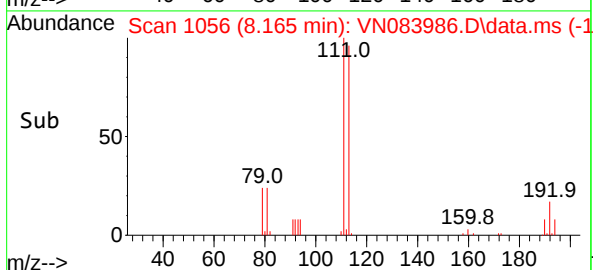
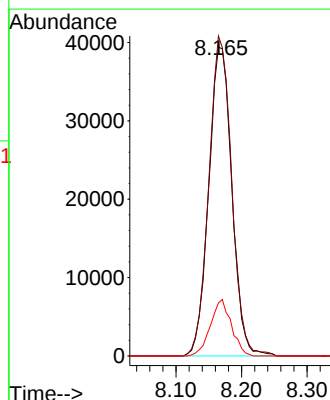
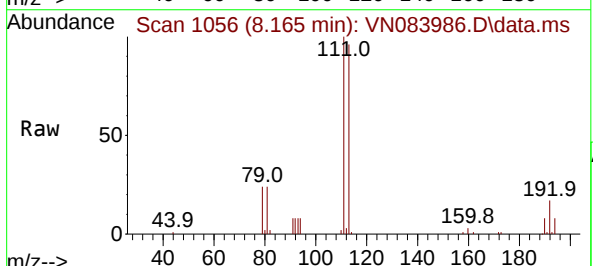
RT: 8.165 min Scan# 1056

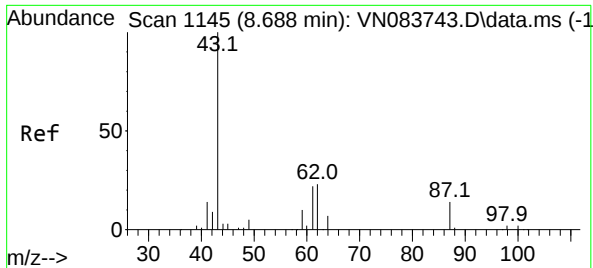
Delta R.T. -0.000 min

Lab File: VN083986.D

Acq: 18 Sep 2024 16:39

Tgt Ion:113	Resp:	96651
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.6 124.0
192	16.6	14.3 21.5





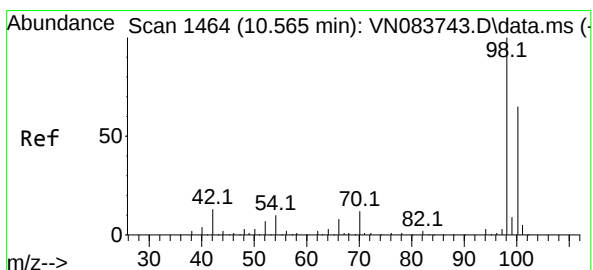
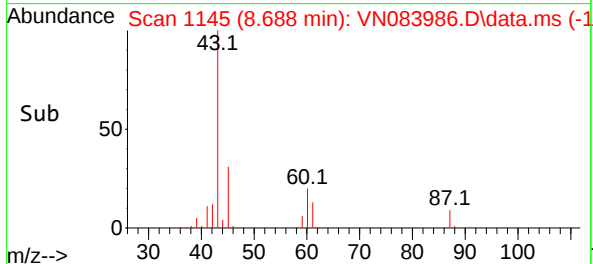
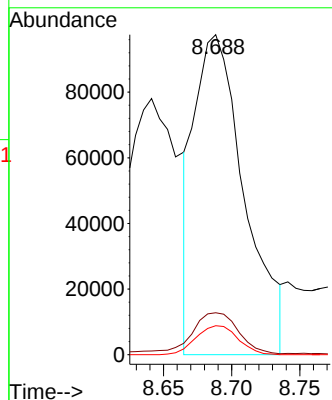
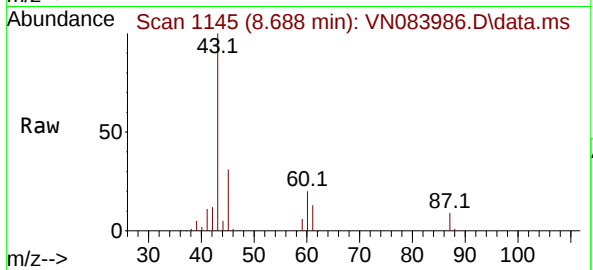
#43
Isopropyl Acetate
Concen: 50.906 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#03

Tgt Ion: 43 Resp: 25174
Ion Ratio Lower Upper
43 100
61 12.2 19.4 29.0
87 7.5 9.8 14.6

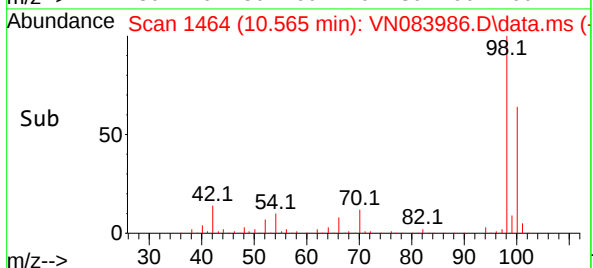
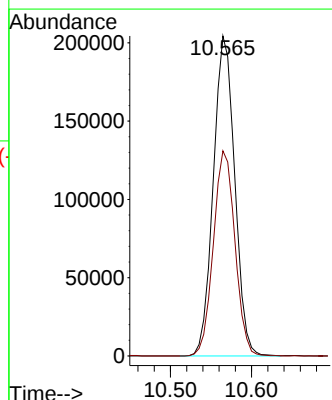
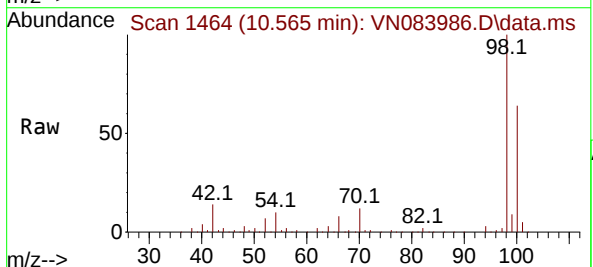
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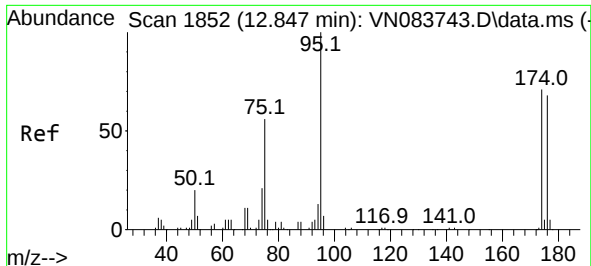
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#50
Toluene-d8
Concen: 54.261 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

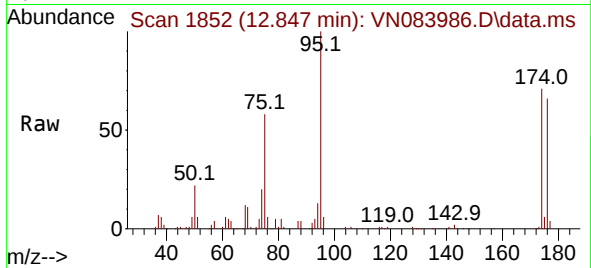
Tgt Ion: 98 Resp: 374694
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39

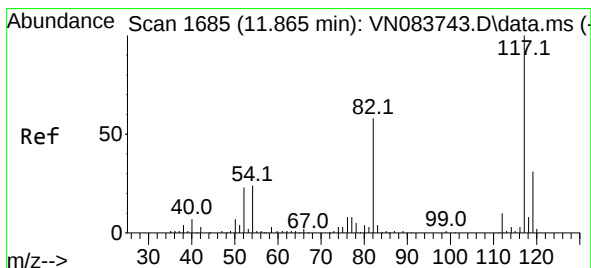
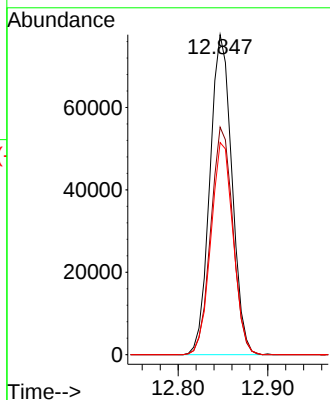
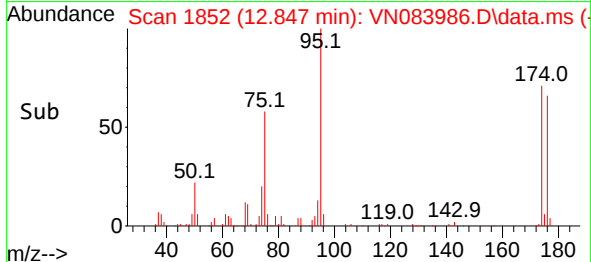
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PB163447ZHE#03



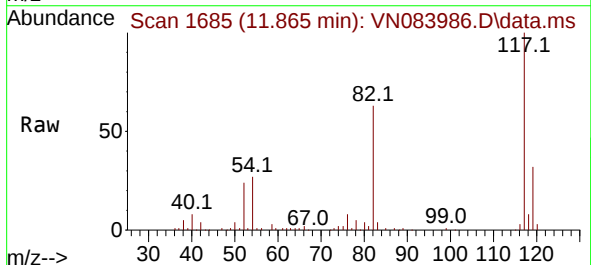
Tgt Ion: 95 Resp: 132350
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.3 0.0 131.4

Manual Integrations
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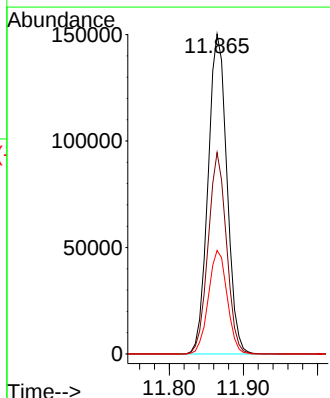
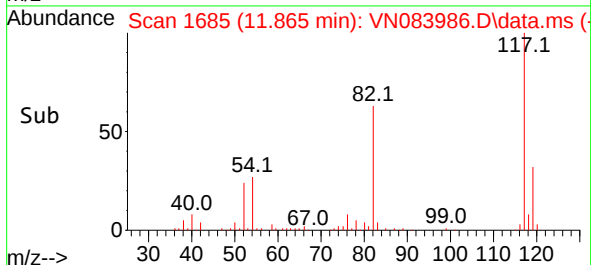
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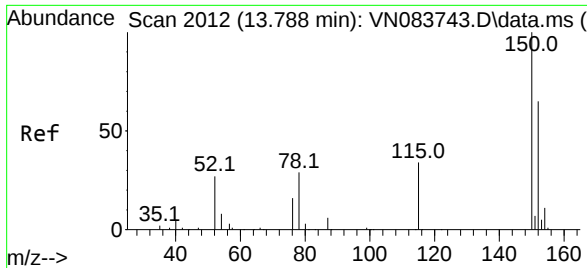


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083986.D
Acq: 18 Sep 2024 16:39



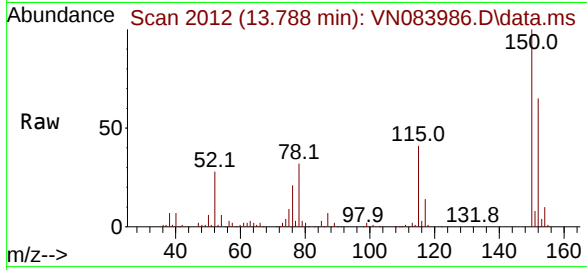
Tgt Ion:117 Resp: 265412
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083986.D
 Acq: 18 Sep 2024 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#03



Tgt Ion:152 Resp: 112472
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.2 96.6
 150 157.4 0.0 348.6

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