

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083995.D
 Acq On : 18 Sep 2024 20:15
 Operator : JC\MD
 Sample : PB163447ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#12

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:41:09 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	168007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129673	51.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	8.165	113	90502	48.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	10.565	98	344882	53.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.847	95	119663	45.316	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.640%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	42596	41.944	ug/l	98
20) Methylene Chloride	5.283	84	3786	1.822	ug/l #	82
25) 2-Butanone	7.489	43	6767	5.070	ug/l #	85
43) Isopropyl Acetate	8.688	43	247571m	54.011	ug/l	

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

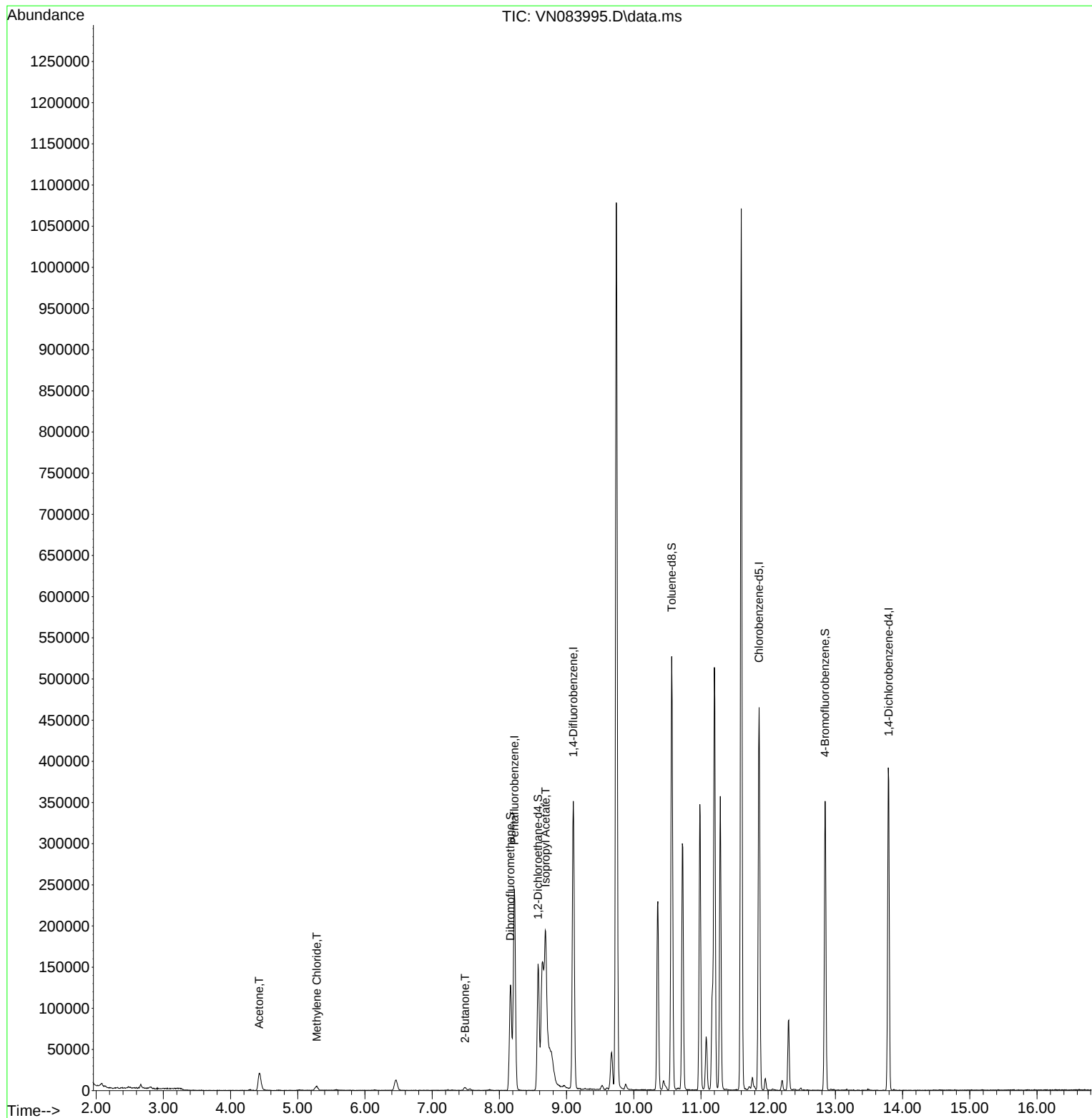
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083995.D
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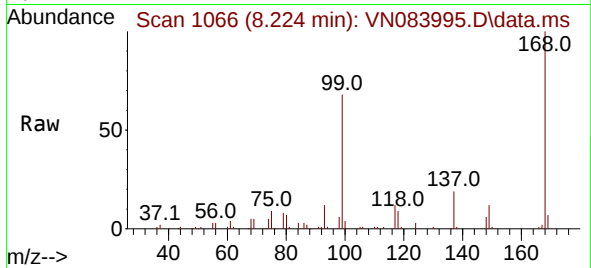
Quant Time: Sep 19 01:41:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

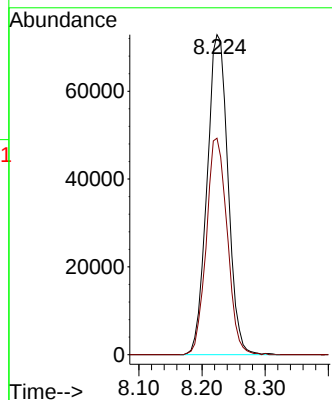
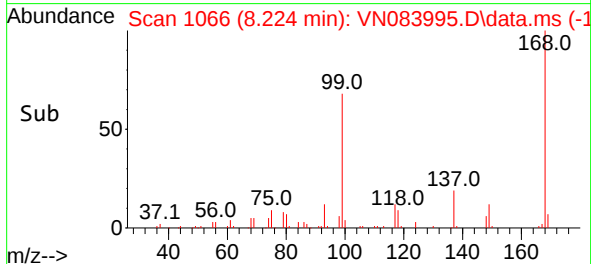
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#12



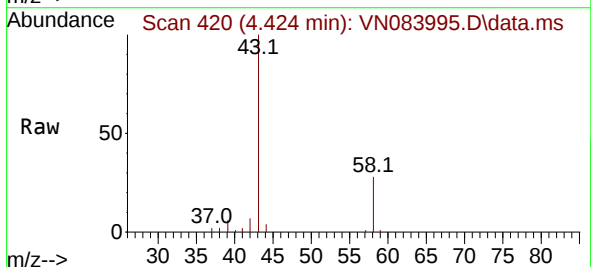
Tgt Ion:168 Resp: 16800
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2

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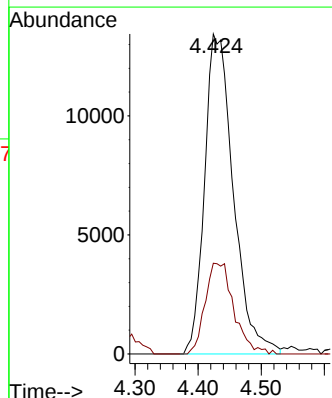
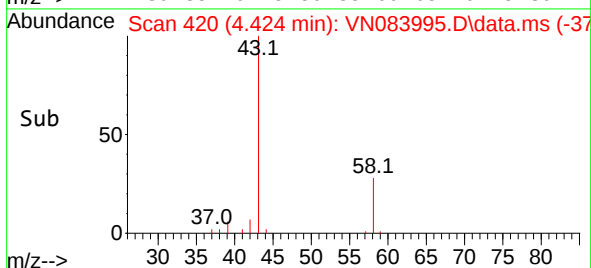
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

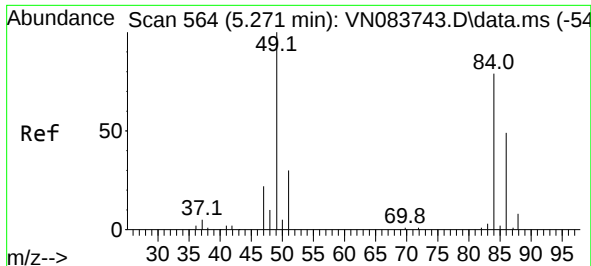


#16
Acetone
Concen: 41.944 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15



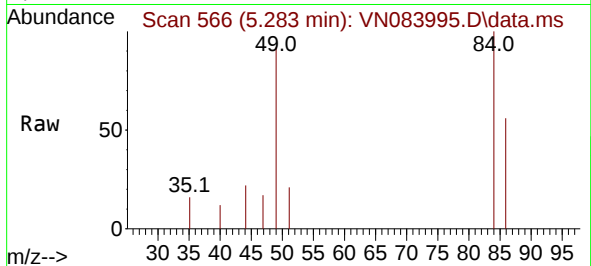
Tgt Ion: 43 Resp: 42596
Ion Ratio Lower Upper
43 100
58 28.4 23.7 35.5





#20
Methylene Chloride
Concen: 1.822 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

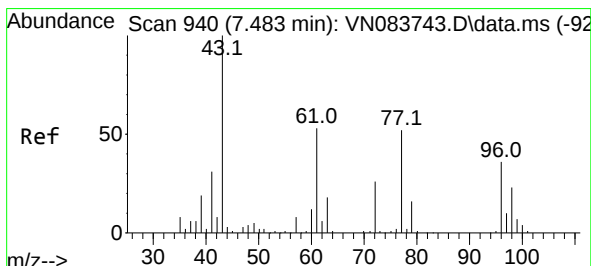
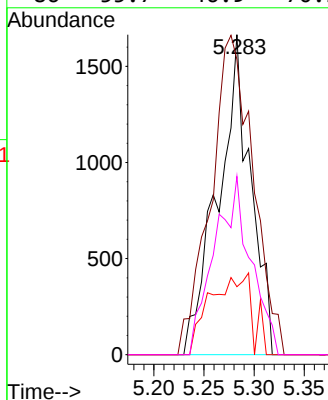
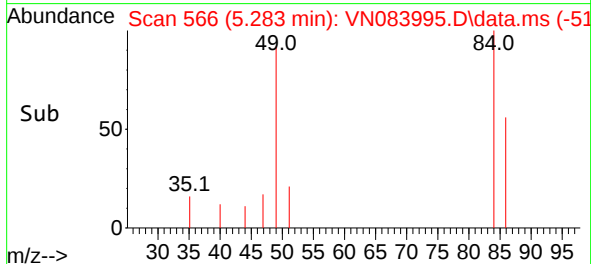
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#12



Tgt Ion: 84	Resp: 378
Ion Ratio	Lower Upper
84	100
49	92.3 93.4 140.0
51	21.3 29.2 43.8
86	55.7 46.9 70.3

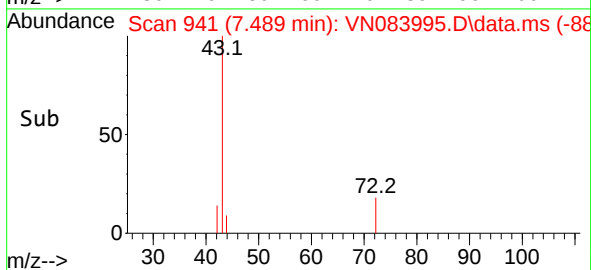
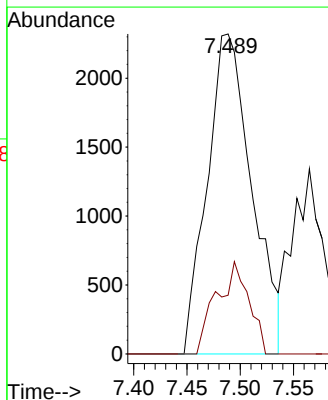
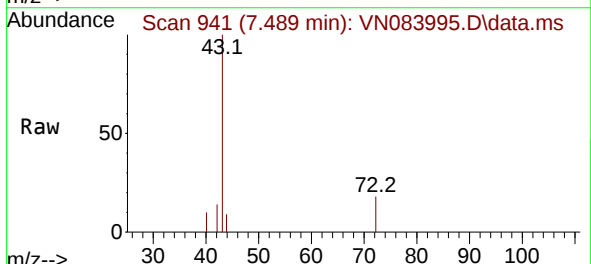
Manual Integrations
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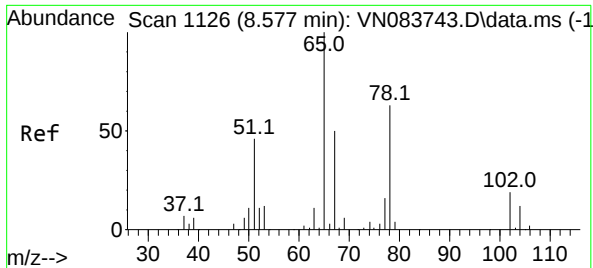
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 5.070 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

Tgt Ion: 43	Resp: 6767
Ion Ratio	Lower Upper
43	100
72	18.4 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083995.D

Acq: 18 Sep 2024 20:15

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#12

Tgt Ion: 65 Resp: 12967

Ion Ratio Lower Upper

65 100

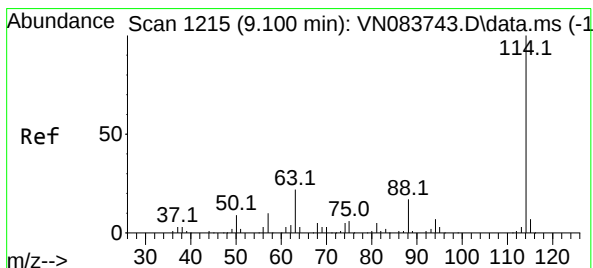
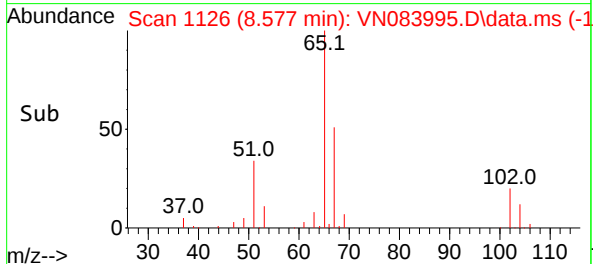
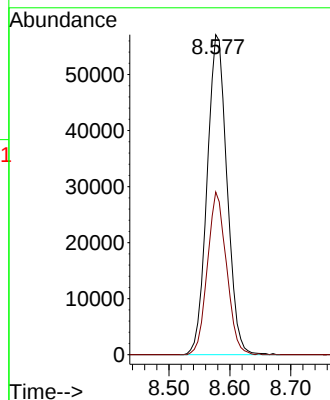
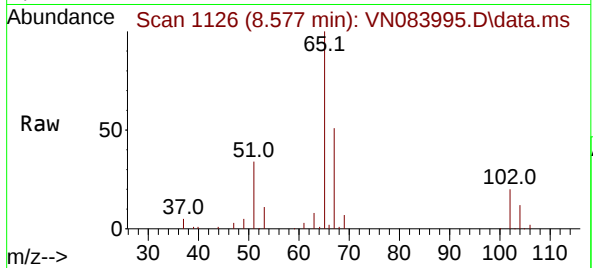
67 48.7 0.0 100.8

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Supervised By :Mahesh Dadoda 09/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083995.D

Acq: 18 Sep 2024 20:15

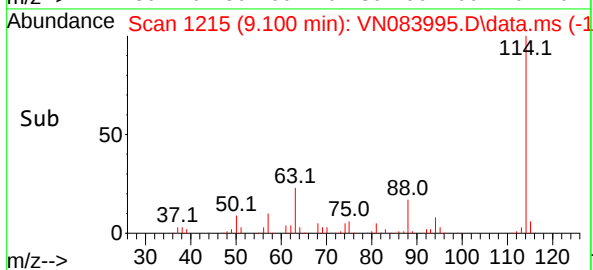
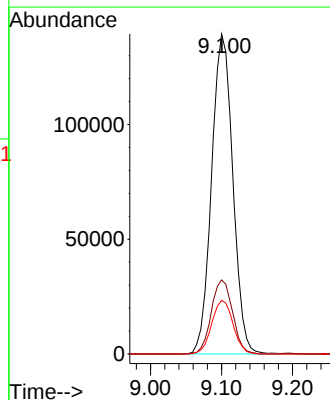
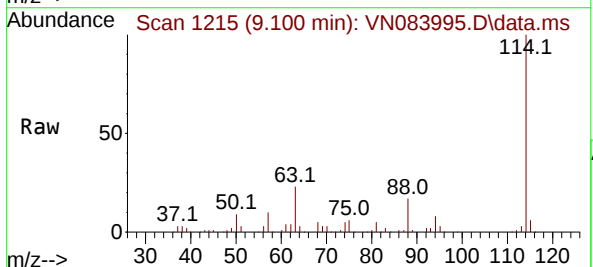
Tgt Ion:114 Resp: 289197

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

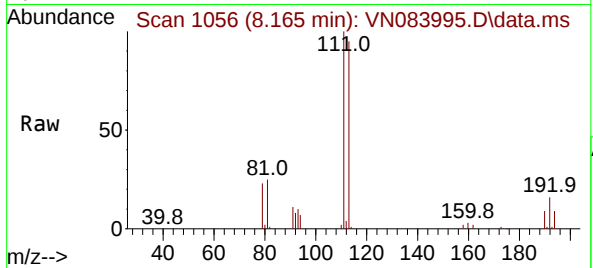
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.883 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

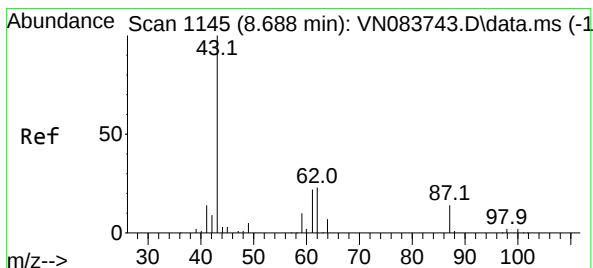
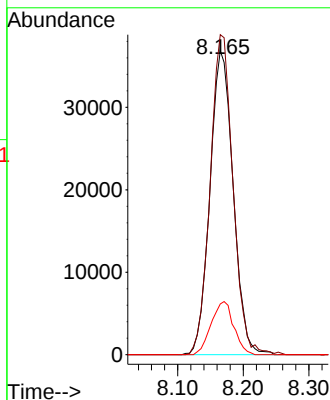
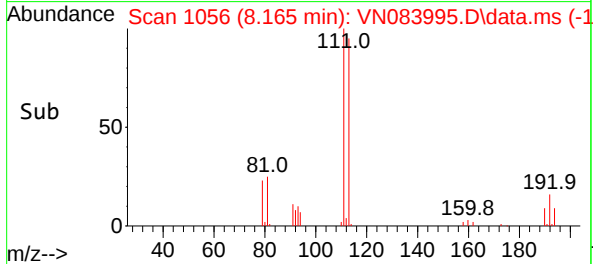
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#12



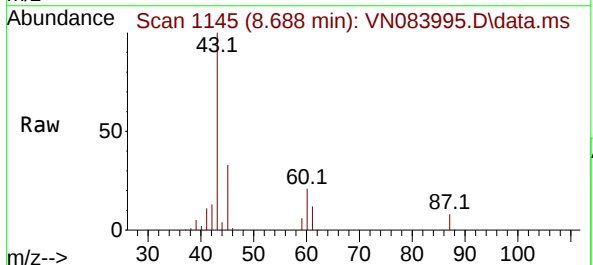
Tgt Ion: 113 Resp: 90502
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.0 14.3 21.5

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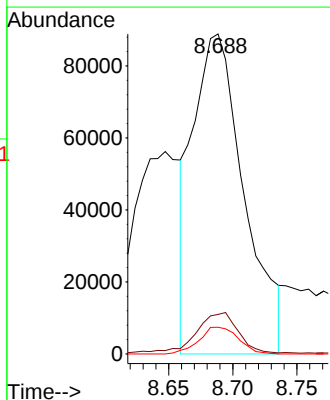
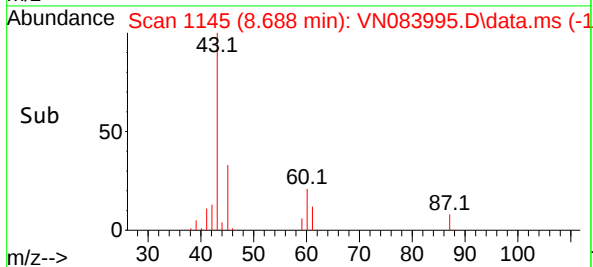
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

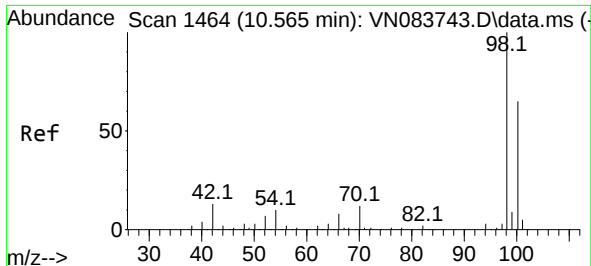


#43
Isopropyl Acetate
Concen: 54.011 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15



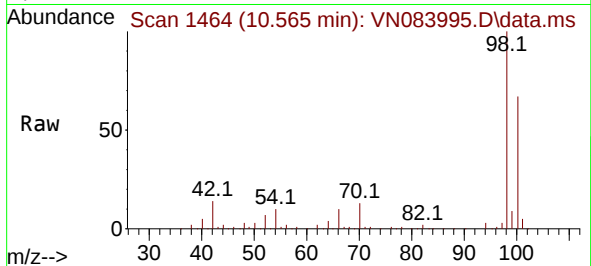
Tgt Ion: 43 Resp: 247571
Ion Ratio Lower Upper
43 100
61 11.3 19.4 29.0#
87 6.4 9.8 14.6#





#50
Toluene-d8
Concen: 53.884 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

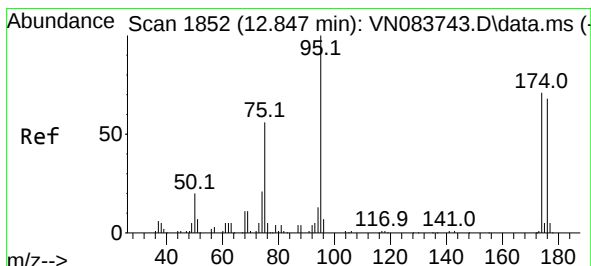
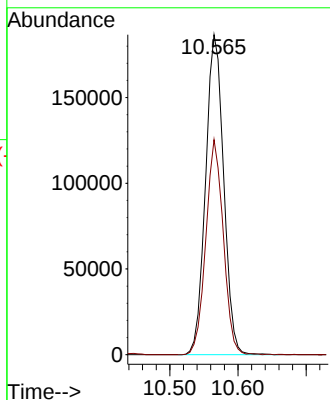
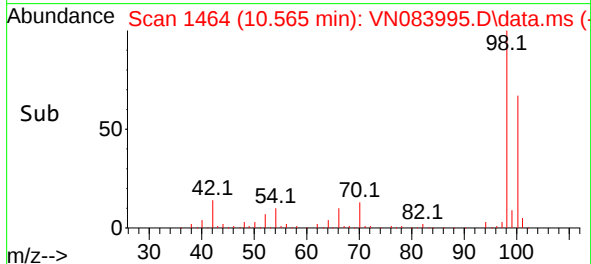
Instrument :
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PB163447ZHE#12



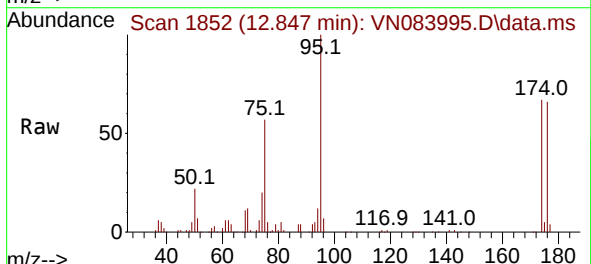
Tgt Ion: 98 Resp: 344882
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

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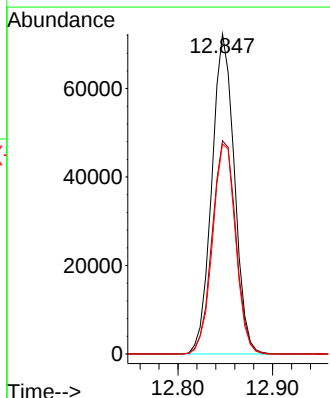
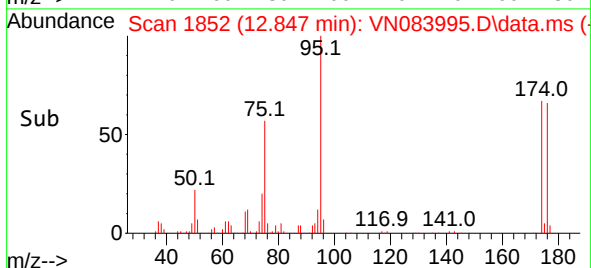
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

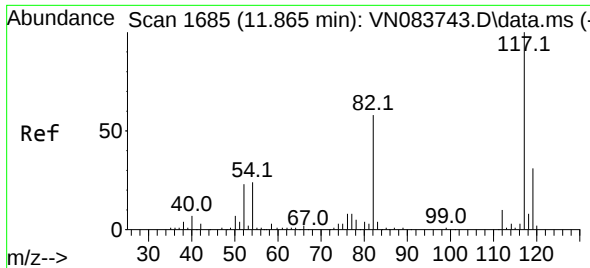


#62
4-Bromofluorobenzene
Concen: 45.316 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15



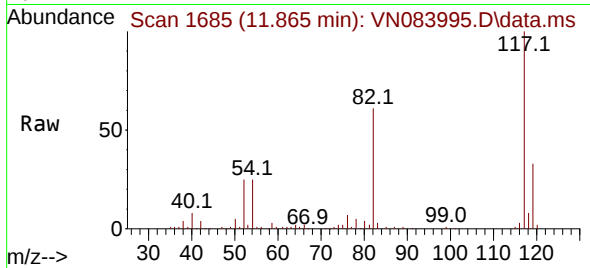
Tgt Ion: 95 Resp: 119663
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 67.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

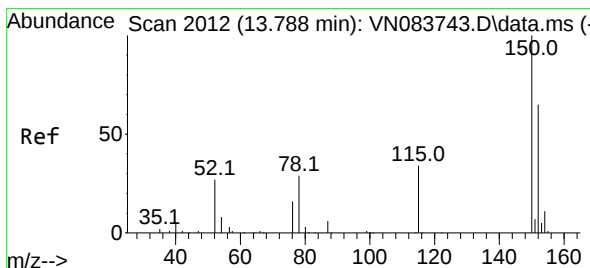
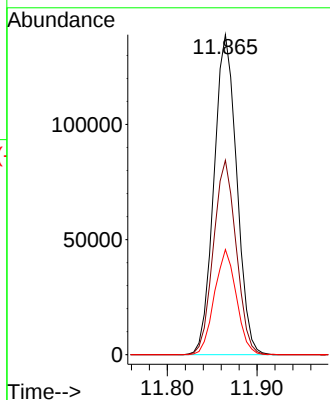
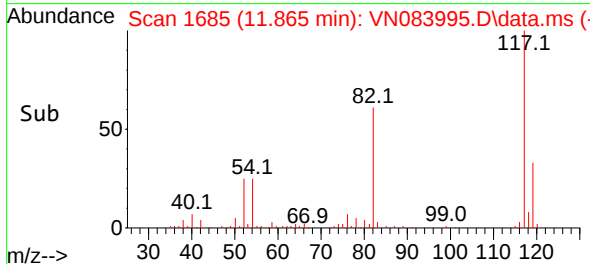
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PB163447ZHE#12



Tgt Ion:117 Resp: 245100
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.8 26.3 39.5

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083995.D
Acq: 18 Sep 2024 20:15

Tgt Ion:152 Resp: 97622
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 159.6 0.0 348.6

