

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083504.D
 Acq On : 27 Aug 2024 13:04
 Operator : JC\MD
 Sample : PB162992ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162992ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:44:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	116009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111366	67.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 134.880%#			
35) Dibromofluoromethane	8.165	113	89993	58.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.500%			
50) Toluene-d8	10.565	98	326048	57.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.120%#			
62) 4-Bromofluorobenzene	12.847	95	145946	65.514	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 131.020%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	19199	29.714	ug/l #	88
43) Isopropyl Acetate	8.688	43	297147m	67.424	ug/l	

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

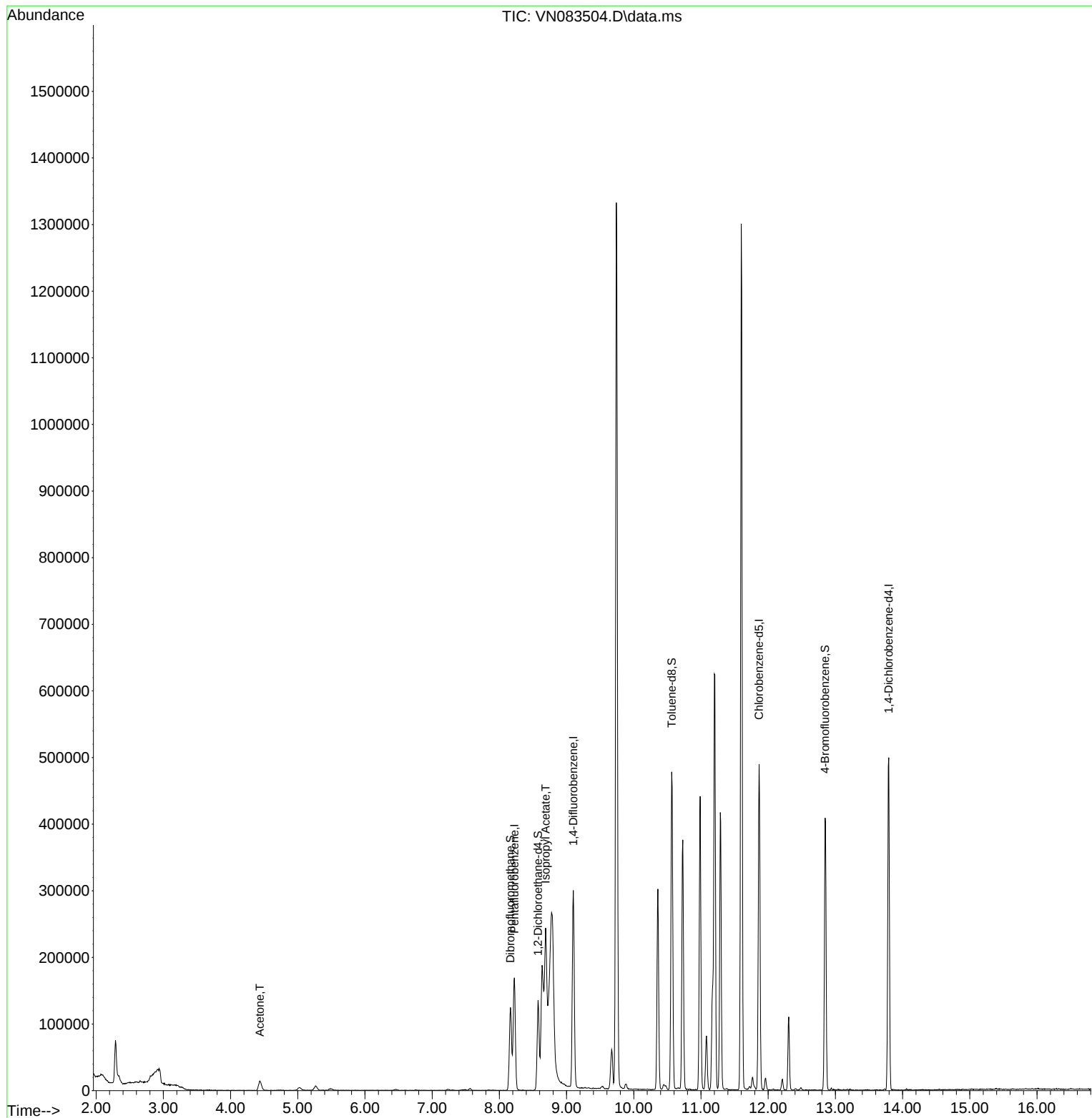
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
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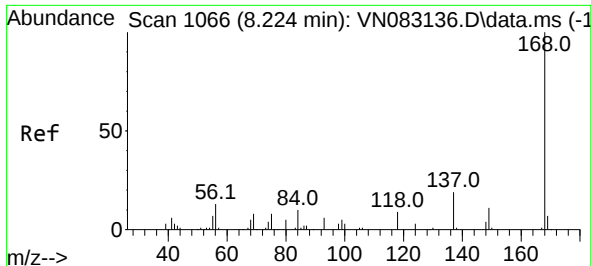
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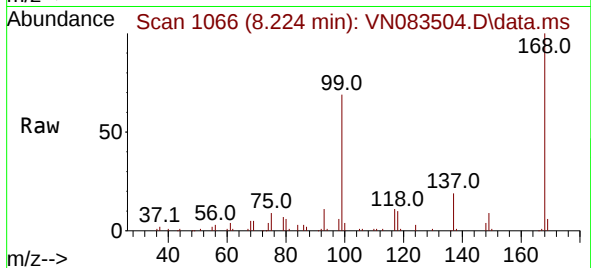
Quant Time: Aug 28 01:44:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04

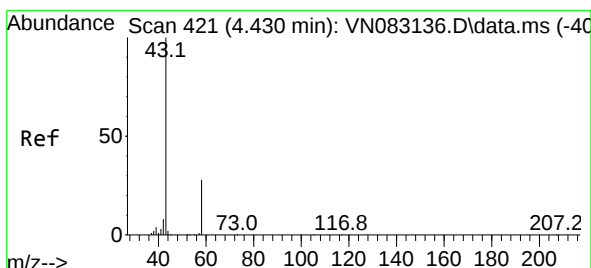
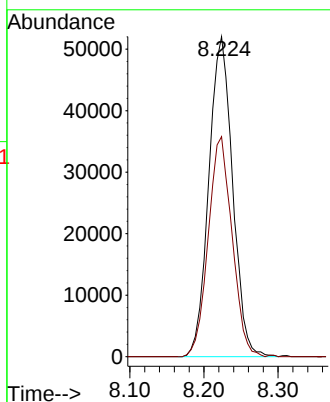
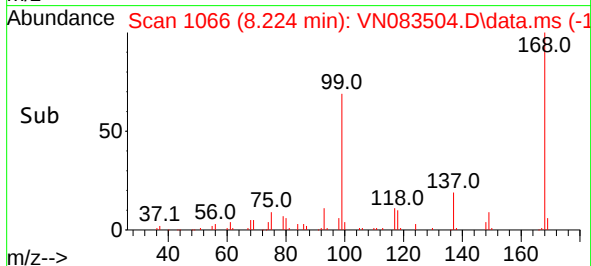
Instrument :
MSVOA_N
ClientSampleId :
PB162992ZHE#02



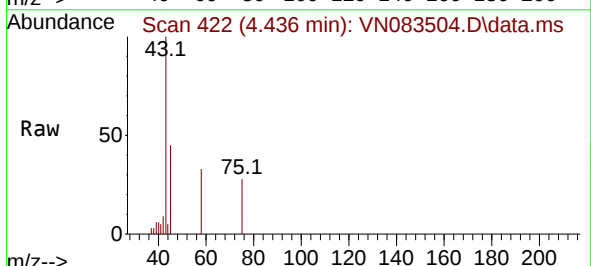
Tgt Ion:168 Resp: 116009
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4

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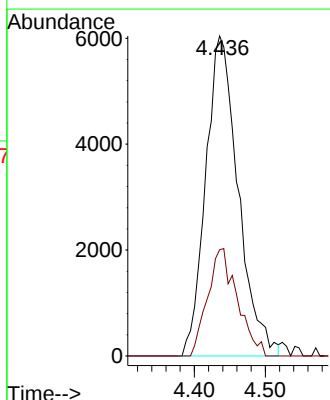
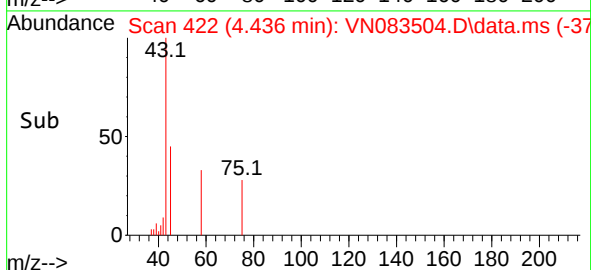
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

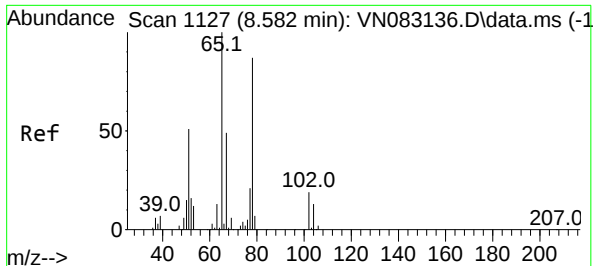


#16
Acetone
Concen: 29.714 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04



Tgt Ion: 43 Resp: 19199
Ion Ratio Lower Upper
43 100
58 33.2 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 67.443 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083504.D

Acq: 27 Aug 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

PB162992ZHE#02

Tgt Ion: 65 Resp: 11136

Ion Ratio Lower Upper

65 100

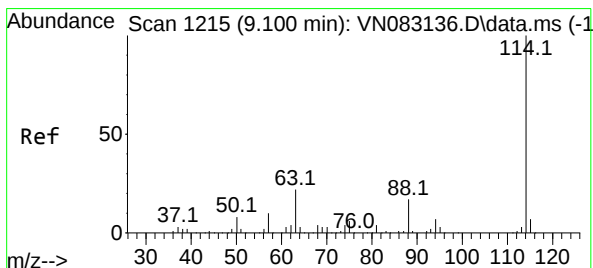
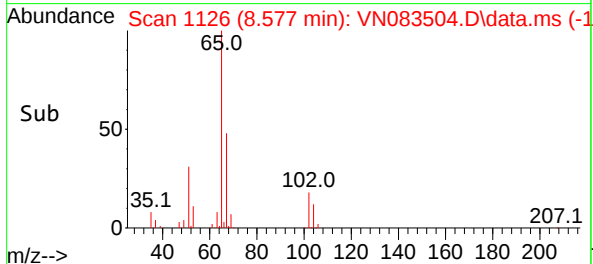
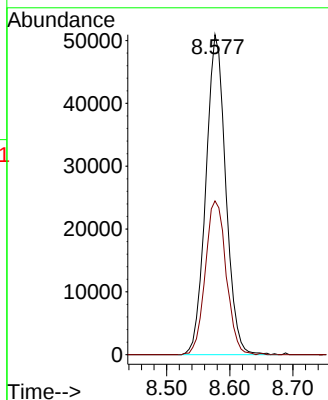
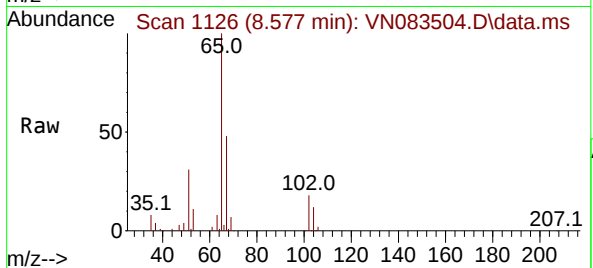
67 50.4 0.0 104.4

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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: VN083504.D

Acq: 27 Aug 2024 13:04

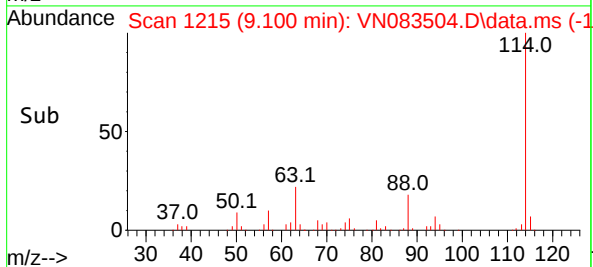
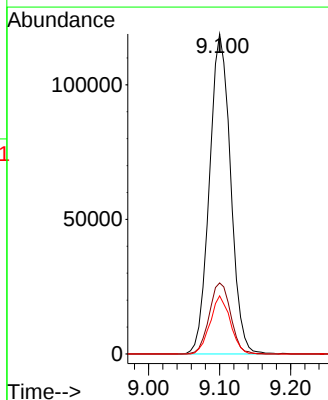
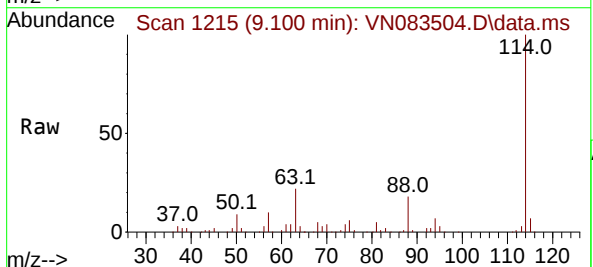
Tgt Ion:114 Resp: 245419

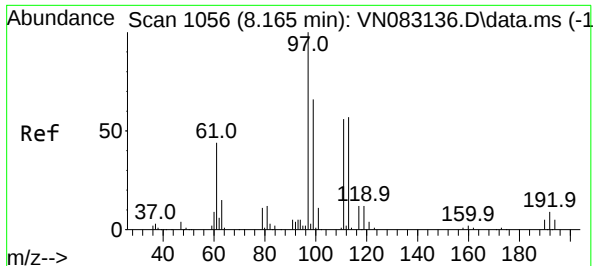
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

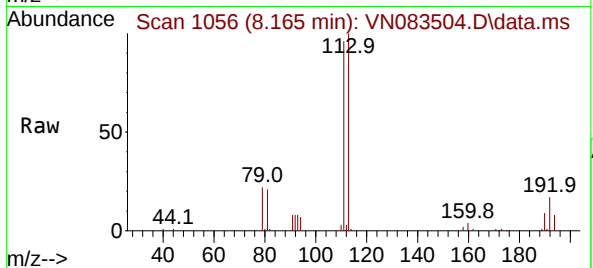
88 18.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 58.748 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04

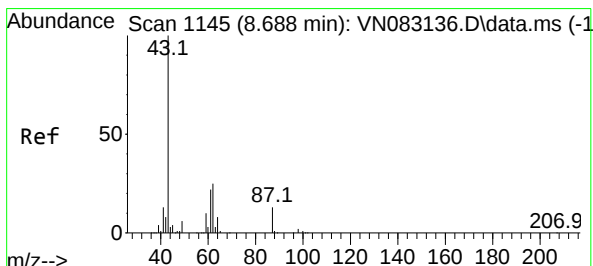
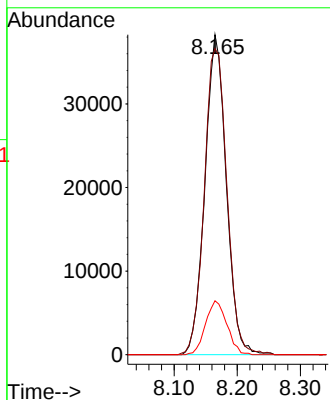
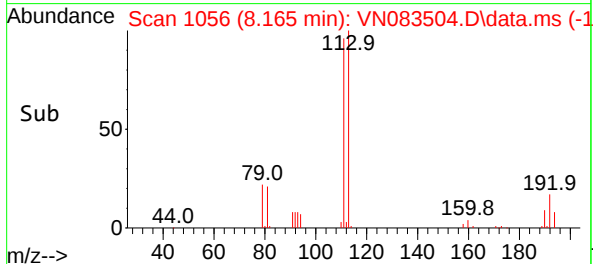
Instrument :
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ClientSampleId :
PB162992ZHE#02



Tgt Ion: 113 Resp: 8999
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 16.8 14.9 22.3

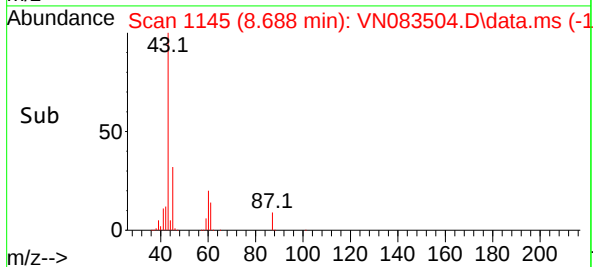
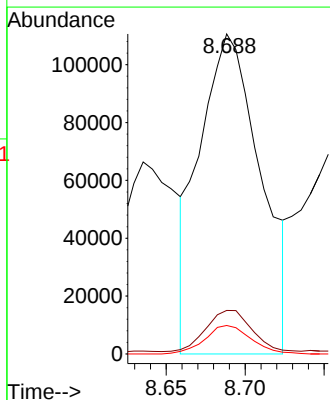
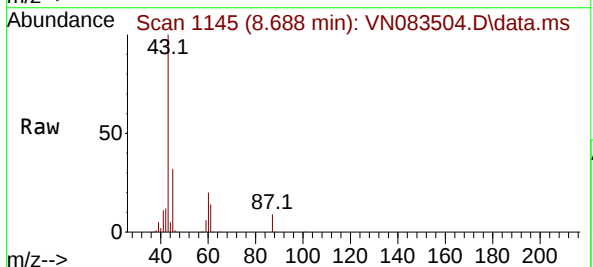
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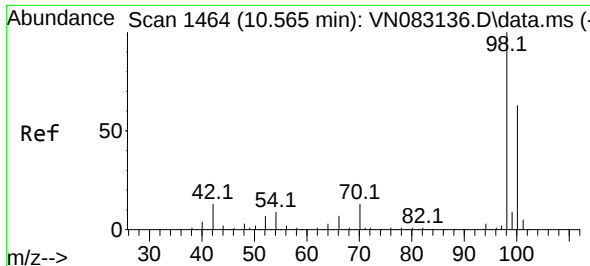
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024



#43
Isopropyl Acetate
Concen: 67.424 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04

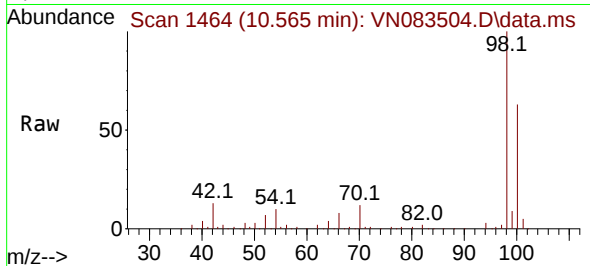
Tgt Ion: 43 Resp: 297147
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50
Toluene-d8
Concen: 57.059 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04

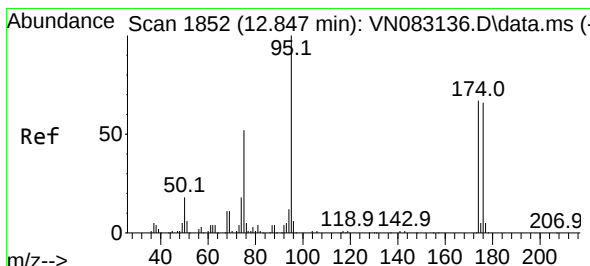
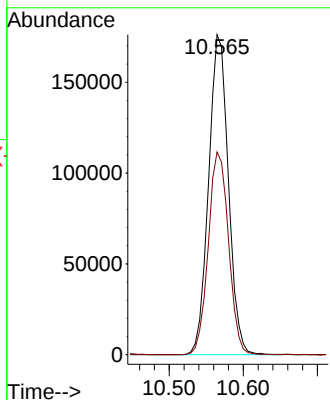
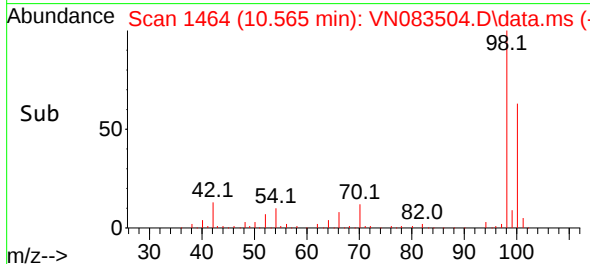
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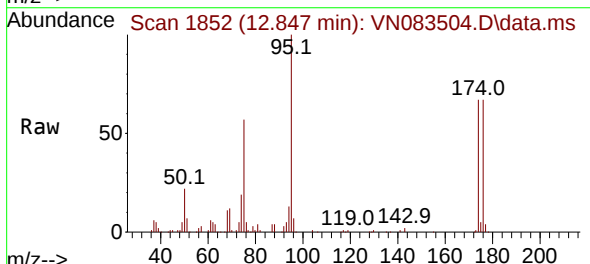
Tgt Ion: 98 Resp: 326048
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

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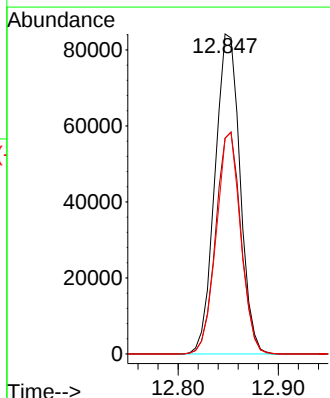
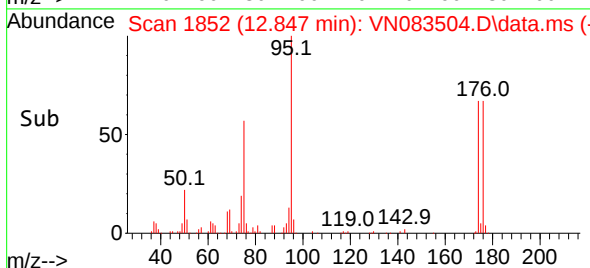
Reviewed By :John Carlone 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

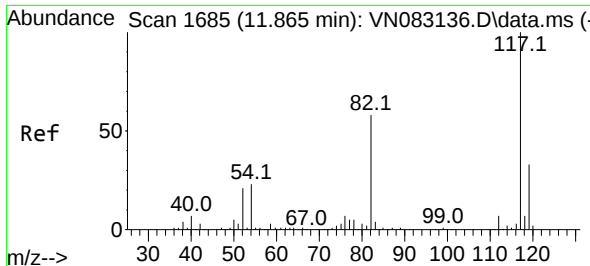


#62
4-Bromofluorobenzene
Concen: 65.514 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04



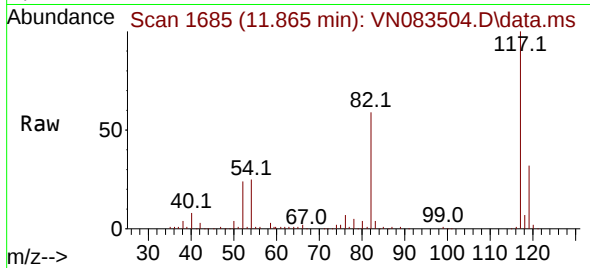
Tgt Ion: 95 Resp: 145946
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.4 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04

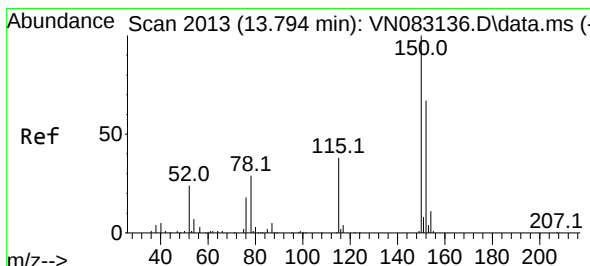
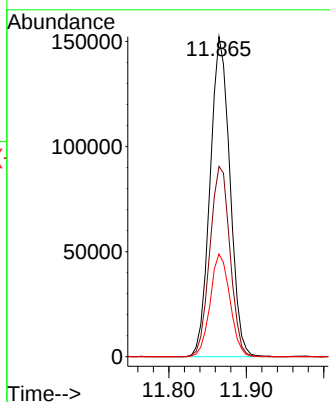
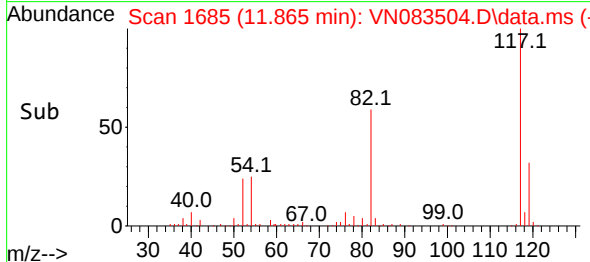
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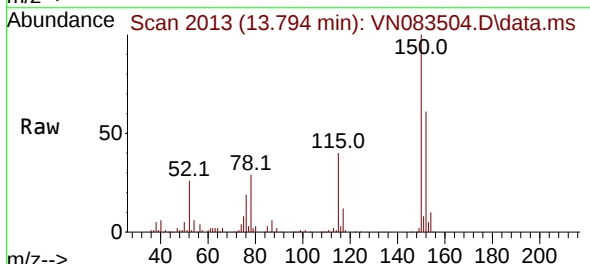
Tgt Ion:117 Resp: 270440
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.1 25.6 38.4

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. -0.000 min
Lab File: VN083504.D
Acq: 27 Aug 2024 13:04



Tgt Ion:152 Resp: 128573
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 159.0 0.0 348.6

