

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084365.D
 Acq On : 09 Oct 2024 14:21
 Operator : JC\MD
 Sample : P4358-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2032

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2024
 Supervised By : Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:20:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	168130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124246	49.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.165	113	96904	48.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	10.565	98	373254	50.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.680%		
62) 4-Bromofluorobenzene	12.847	95	131570	49.194	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	8283	20.151	ug/l #	83
16) Acetone	4.424	43	400905	374.373	ug/l	97
20) Methylene Chloride	5.283	84	7139	3.280	ug/l #	78
25) 2-Butanone	7.488	43	29659	20.335	ug/l	99
43) Isopropyl Acetate	8.688	43	152312m	26.152	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	36404	12.861	ug/l	94

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

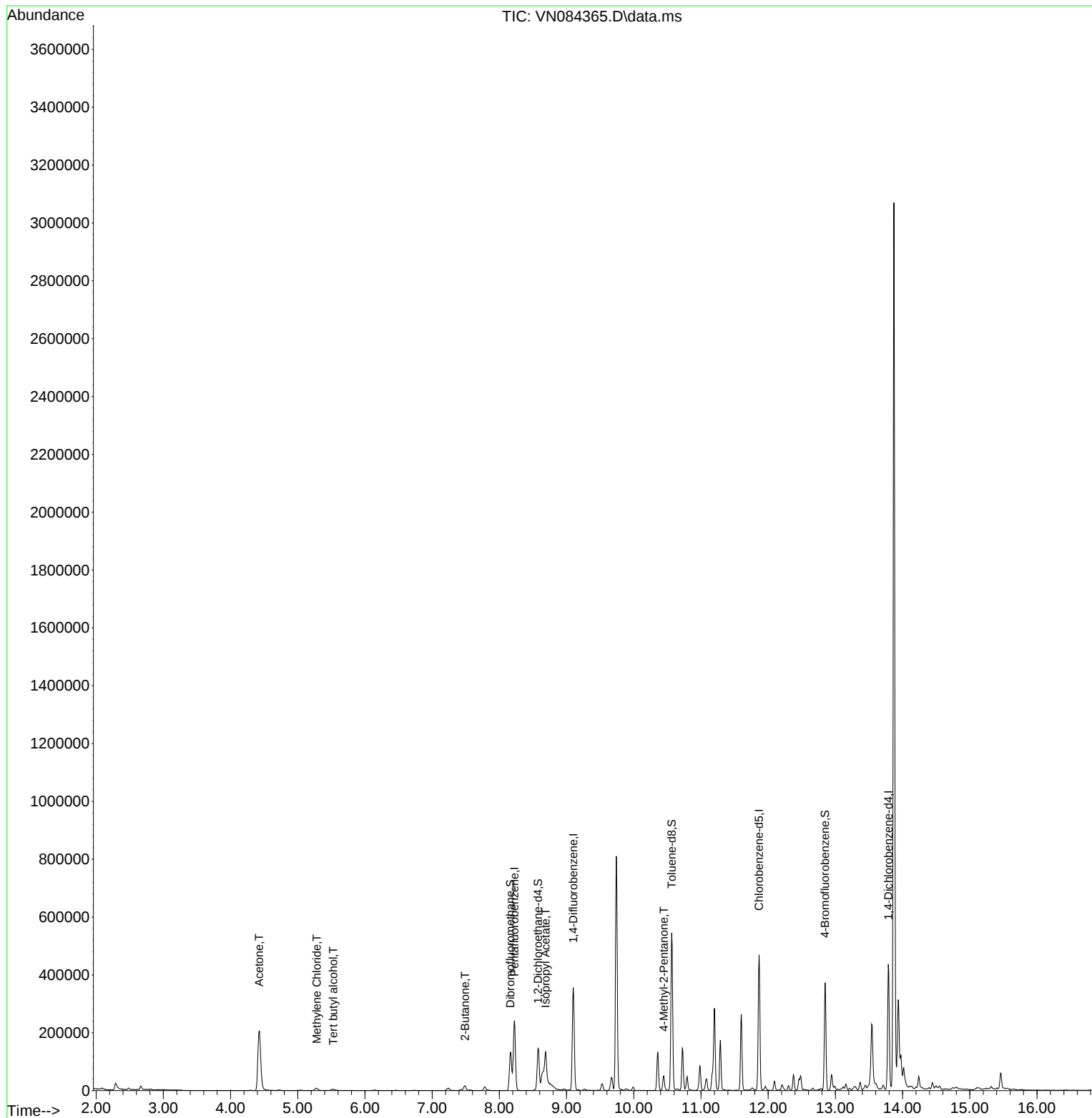
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
Data File : VN084365.D
Acq On : 09 Oct 2024 14:21
Operator : JC\MD
Sample : P4358-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

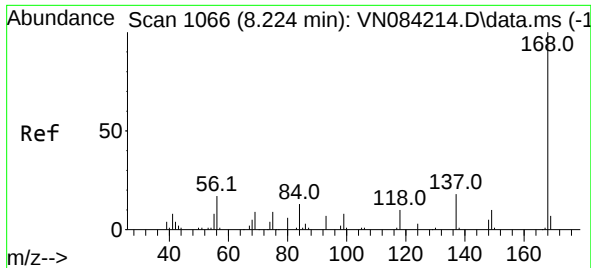
Instrument :
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2032

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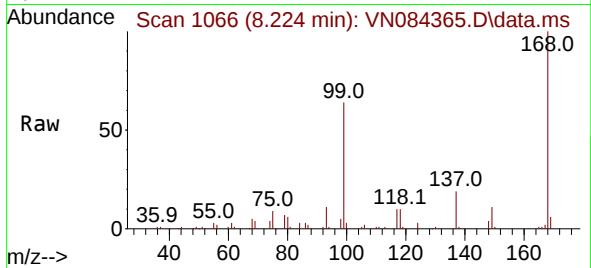
Quant Time: Oct 10 01:20:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

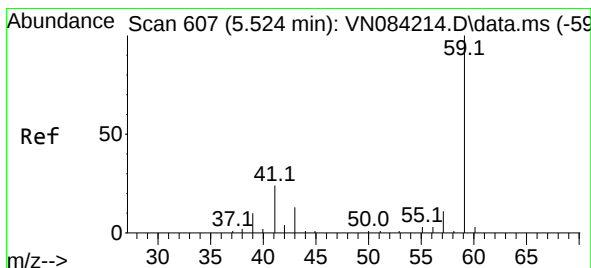
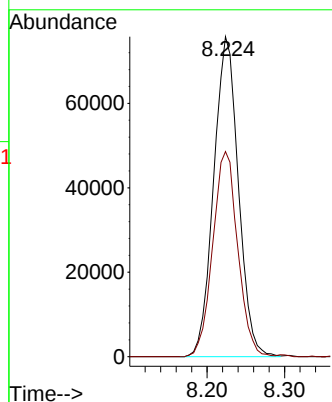
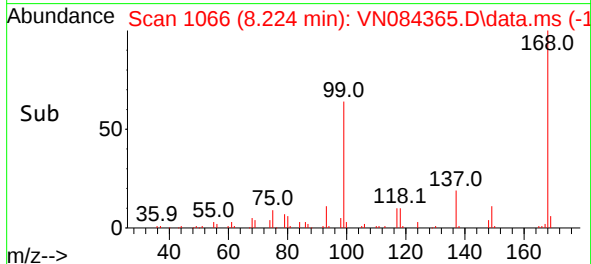
Instrument :
MSVOA_N
ClientSampleId :
2032



Tgt Ion:168 Resp: 168130
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2

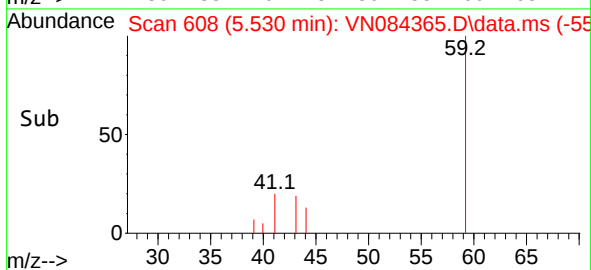
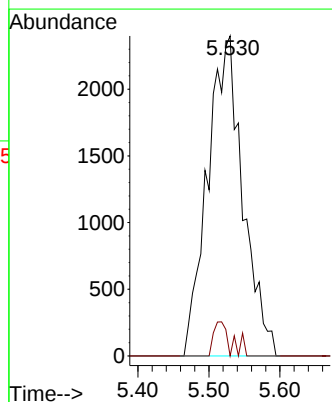
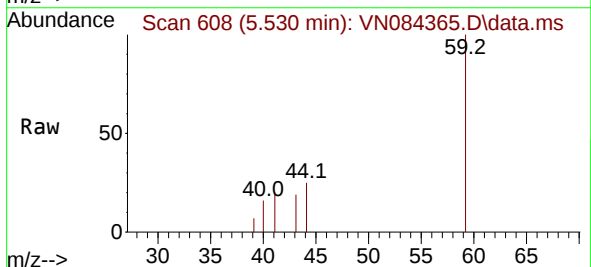
Manual Integrations
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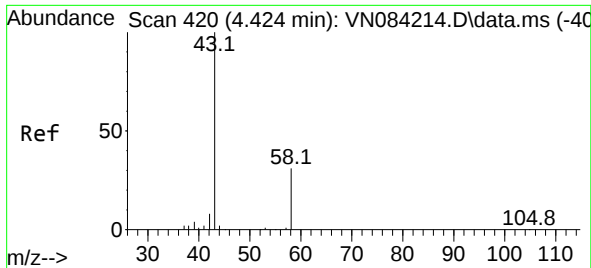
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#11
Tert butyl alcohol
Concen: 20.151 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

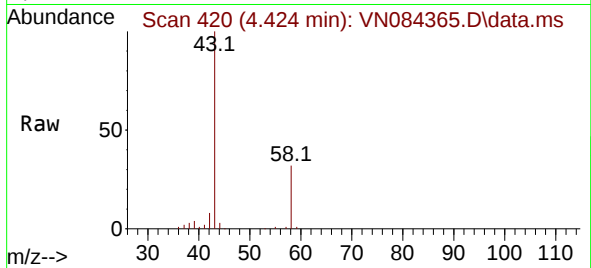
Tgt Ion: 59 Resp: 8283
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.2#





#16
Acetone
Concen: 374.373 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

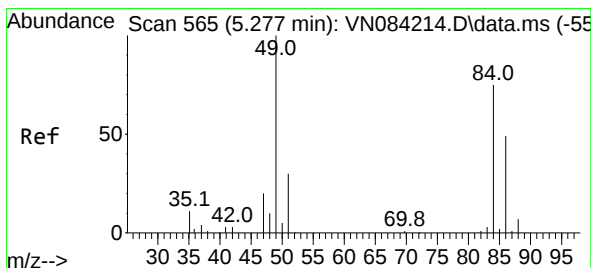
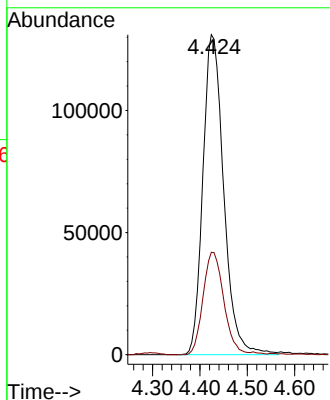
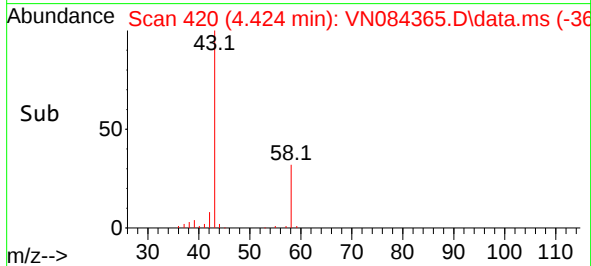
Instrument :
MSVOA_N
ClientSampleId :
2032



Tgt Ion: 43 Resp: 40090
Ion Ratio Lower Upper
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58 32.0 24.4 36.6

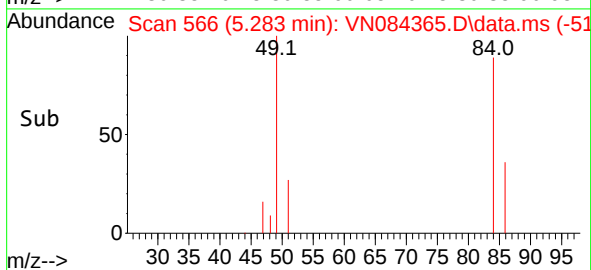
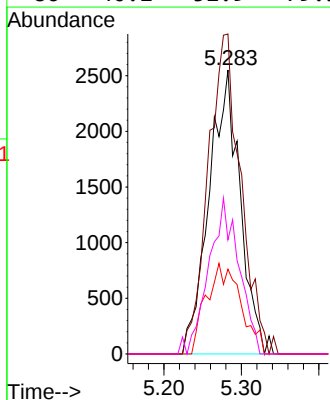
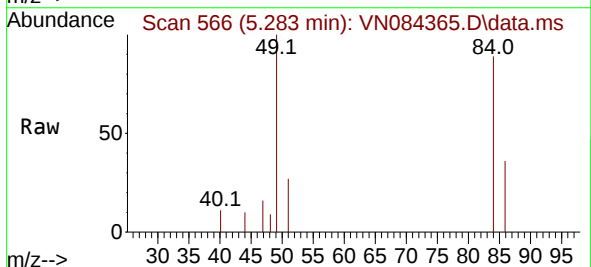
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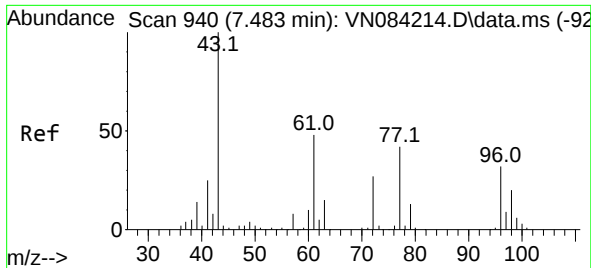
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#20
Methylene Chloride
Concen: 3.280 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

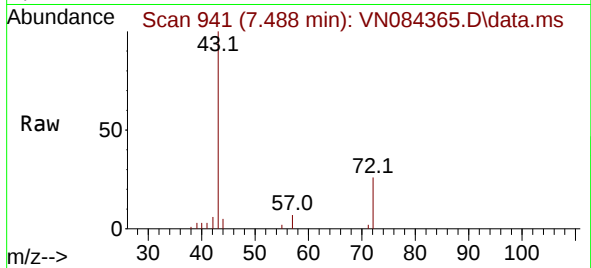
Tgt Ion: 84 Resp: 7139
Ion Ratio Lower Upper
84 100
49 112.7 107.2 160.8
51 29.9 31.8 47.8#
86 40.2 52.9 79.3#





#25
2-Butanone
Concen: 20.335 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

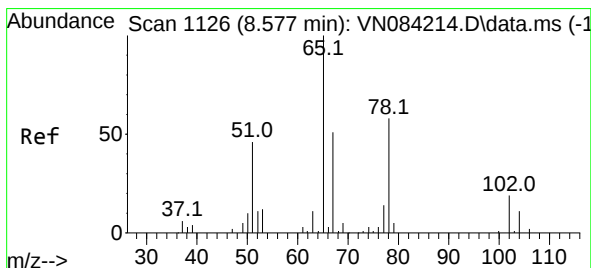
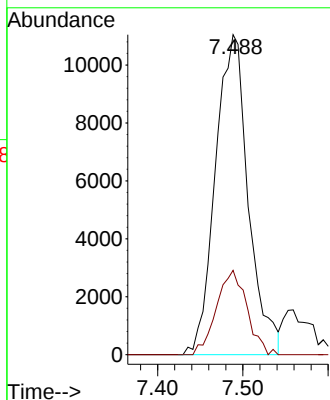
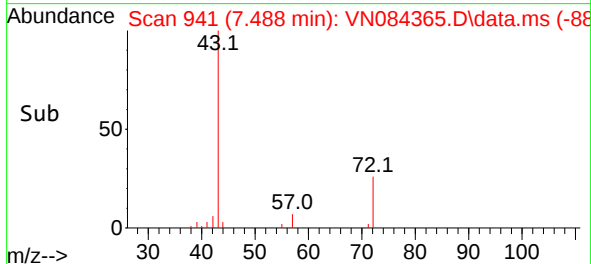
Instrument :
MSVOA_N
ClientSampleId :
2032



Tgt Ion: 43 Resp: 29659
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2

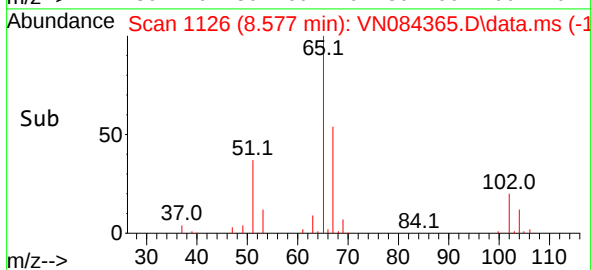
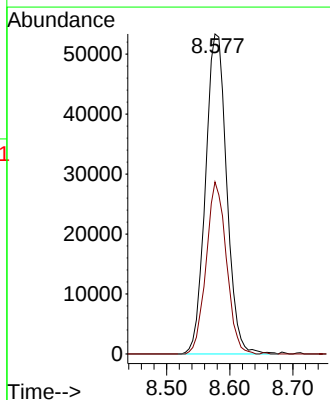
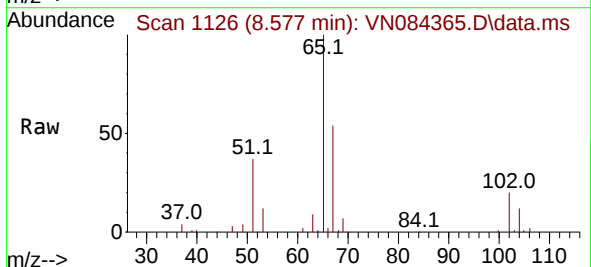
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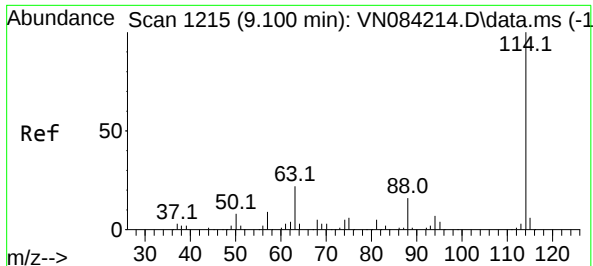
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#33
1,2-Dichloroethane-d4
Concen: 49.841 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

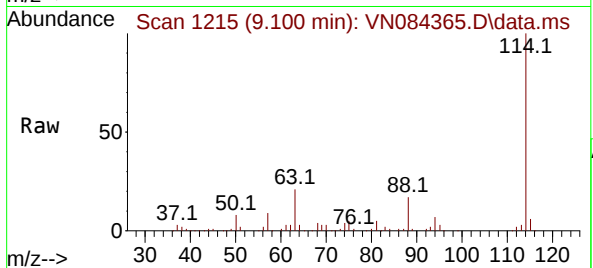
Tgt Ion: 65 Resp: 124246
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

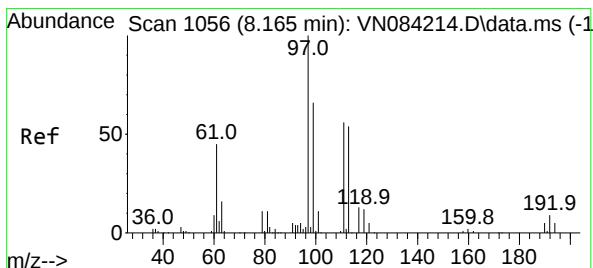
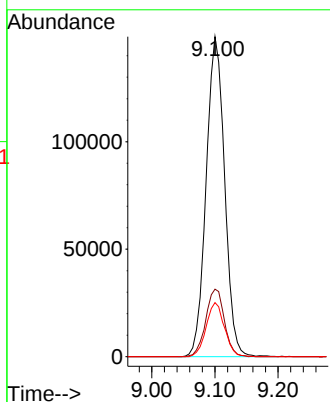
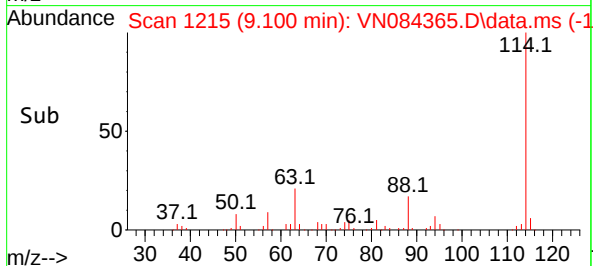
Instrument :
MSVOA_N
ClientSampleId :
2032



Tgt Ion:114 Resp: 30267
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.8
88 16.9 0.0 31.6

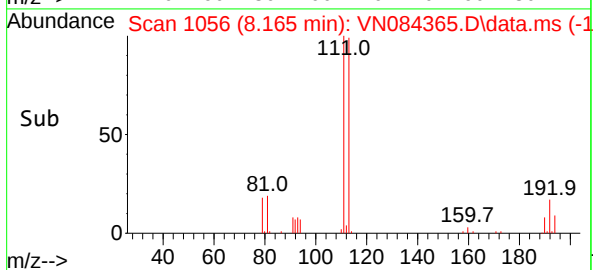
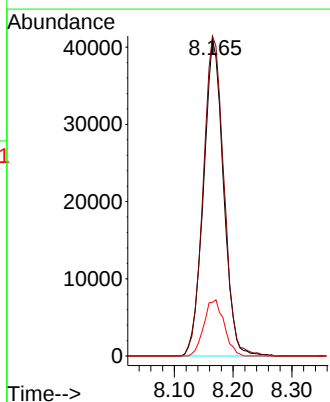
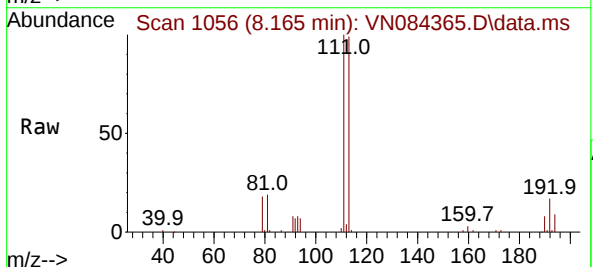
Manual Integrations
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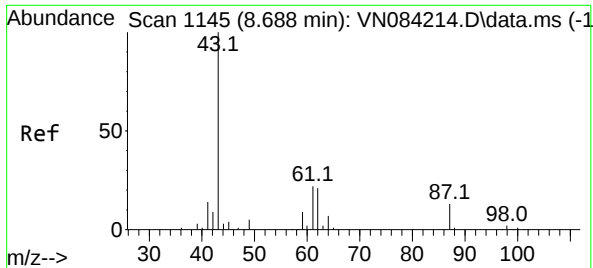
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#35
Dibromofluoromethane
Concen: 48.564 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

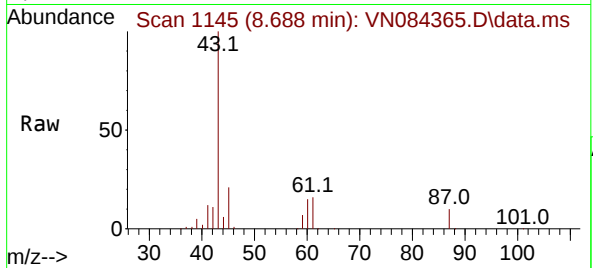
Tgt Ion:113 Resp: 96904
Ion Ratio Lower Upper
113 100
111 104.1 83.3 124.9
192 17.9 13.5 20.3





#43
Isopropyl Acetate
Concen: 26.152 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

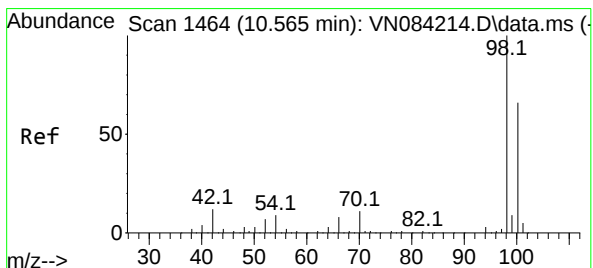
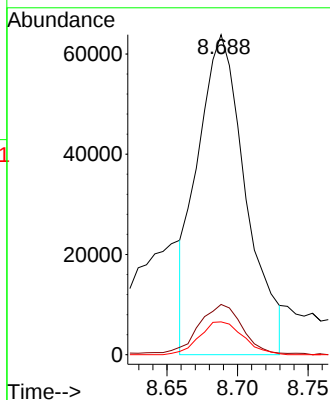
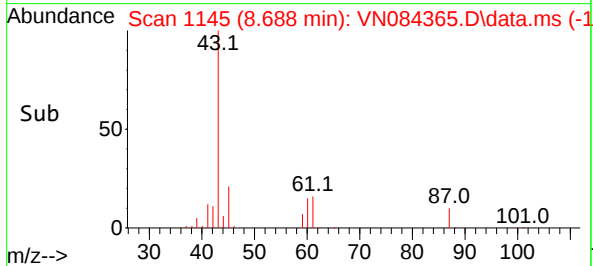
Instrument :
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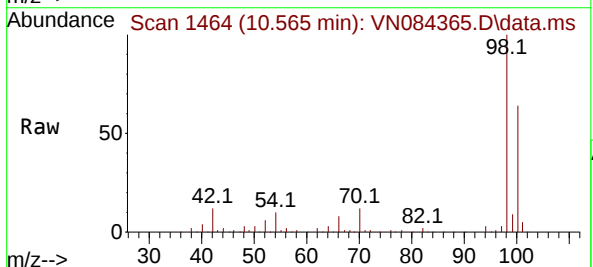
Tgt Ion: 43 Resp: 152312
Ion Ratio Lower Upper
43 100
61 14.8 20.4 30.6
87 9.3 10.3 15.5

Manual Integrations
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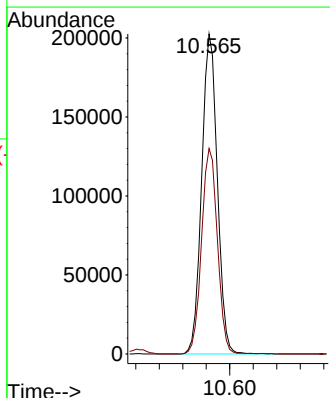
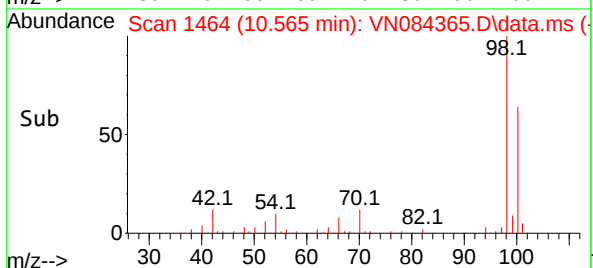
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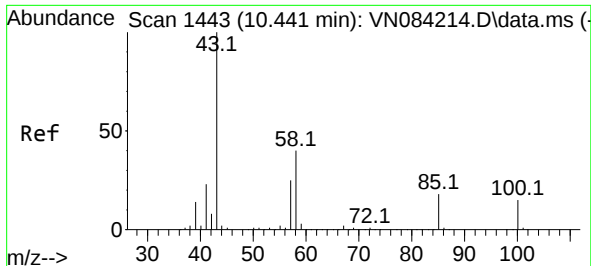


#50
Toluene-d8
Concen: 50.843 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21



Tgt Ion: 98 Resp: 373254
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





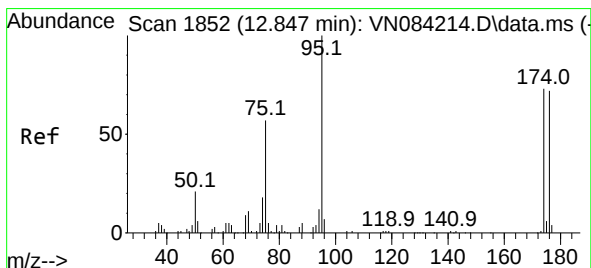
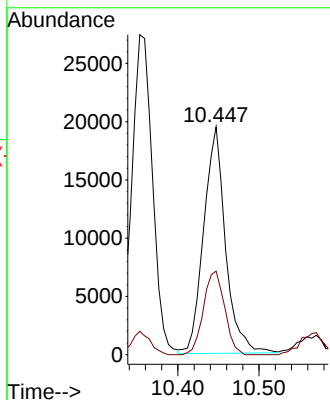
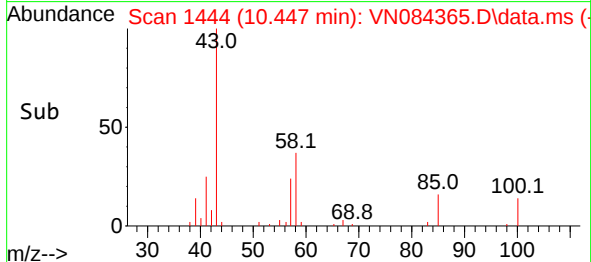
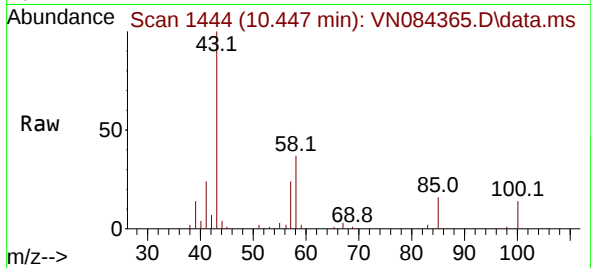
#51
4-Methyl-2-Pentanone
Concen: 12.861 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

Instrument :
MSVOA_N
ClientSampleId :
2032

Tgt Ion: 43 Resp: 36404
Ion Ratio Lower Upper
43 100
58 35.7 31.6 47.4

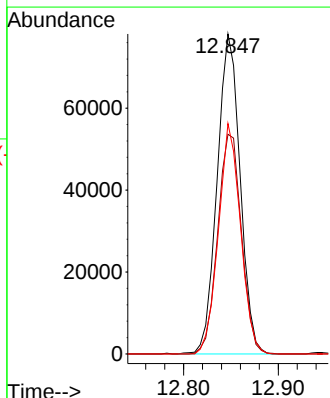
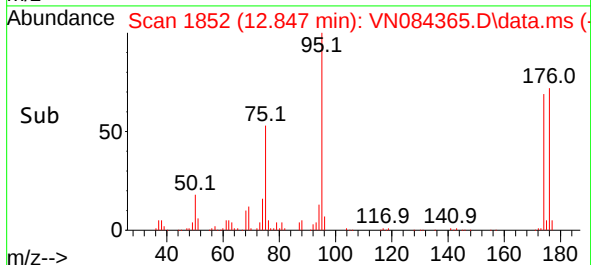
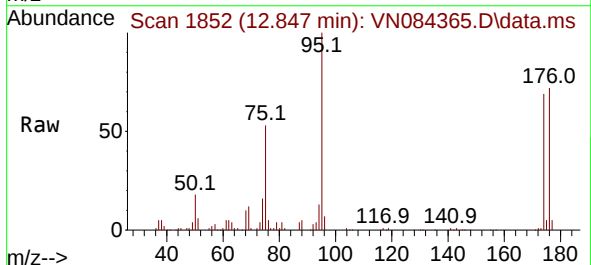
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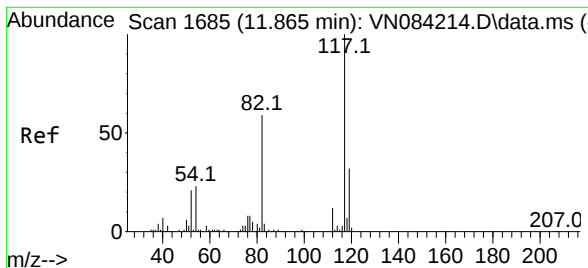
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#62
4-Bromofluorobenzene
Concen: 49.194 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

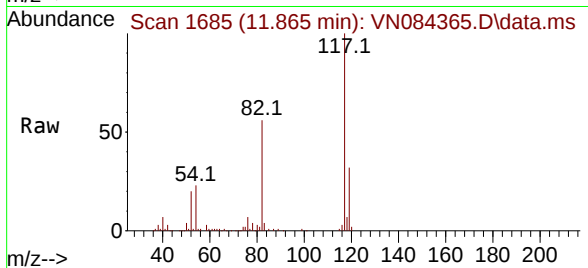
Tgt Ion: 95 Resp: 131570
Ion Ratio Lower Upper
95 100
174 71.2 0.0 145.2
176 69.1 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21

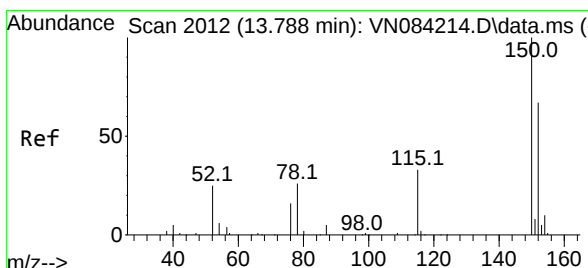
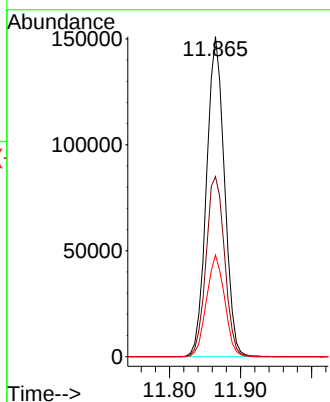
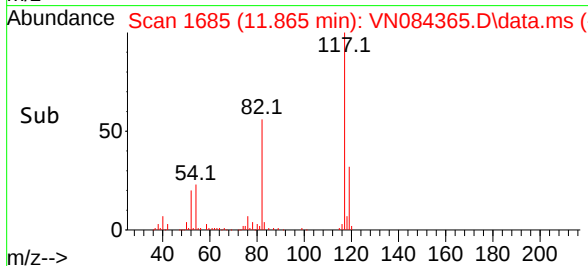
Instrument :
MSVOA_N
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2032



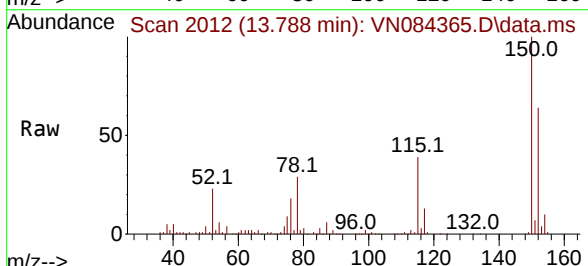
Tgt Ion:117 Resp: 264880
Ion Ratio Lower Upper
117 100
82 56.3 47.2 70.8
119 31.8 25.4 38.0

Manual Integrations
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Supervised By :Mahesh Dadoda 10/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084365.D
Acq: 09 Oct 2024 14:21



Tgt Ion:152 Resp: 112555
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.9
150 157.3 0.0 349.8

