

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083774.D
 Acq On : 11 Sep 2024 06:02
 Operator : JC\MD
 Sample : PB163204ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 06:52:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	94956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	209686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97680	68.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 136.440%#			
35) Dibromofluoromethane	8.159	113	77671	57.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.720%			
50) Toluene-d8	10.565	98	281365	60.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 121.260%#			
62) 4-Bromofluorobenzene	12.847	95	131351	68.604	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 137.200%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	30047	52.349	ug/l #	88
18) Methyl Acetate	5.036	43	8736	5.659	ug/l	98
20) Methylene Chloride	5.265	84	6652	5.663	ug/l #	83
37) Ethyl Acetate	7.565	43	3458	1.886	ug/l #	75
43) Isopropyl Acetate	8.688	43	257734m	77.550	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	9082	5.020	ug/l #	71

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

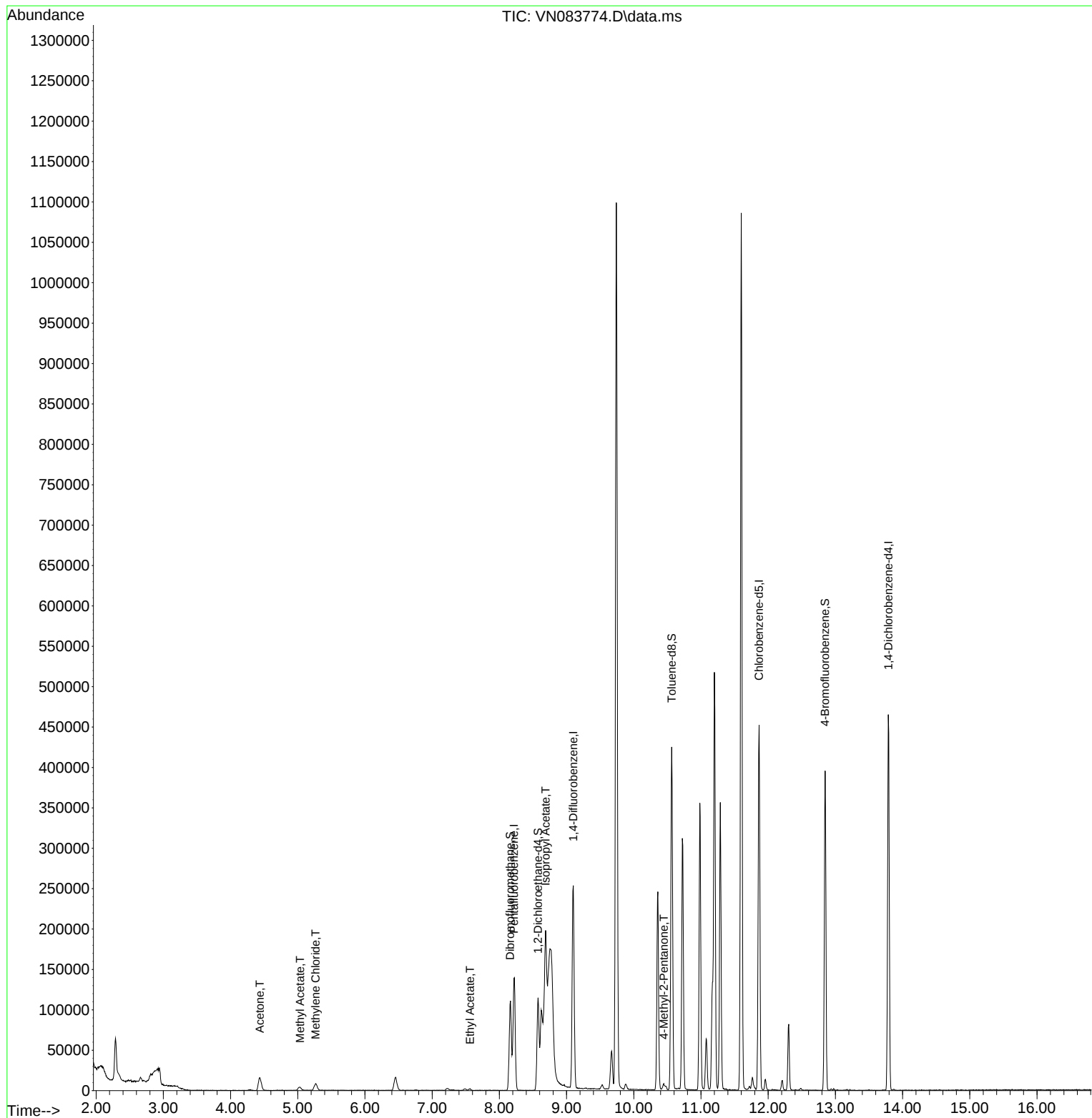
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083774.D
Acq On : 11 Sep 2024 06:02
Operator : JC\MD
Sample : PB163204ZHE#04
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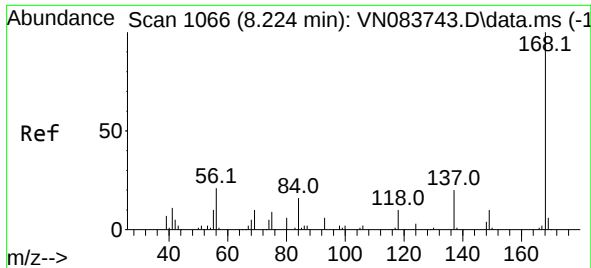
Instrument :
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ClientSampleId :
PB163204ZHE#04

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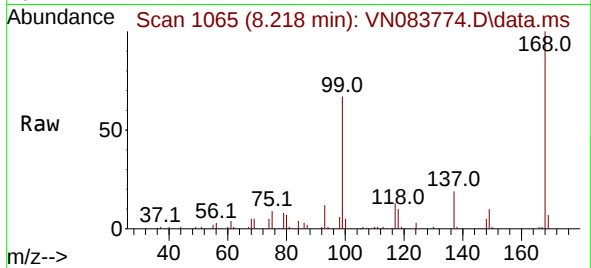
Quant Time: Sep 11 06:52:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

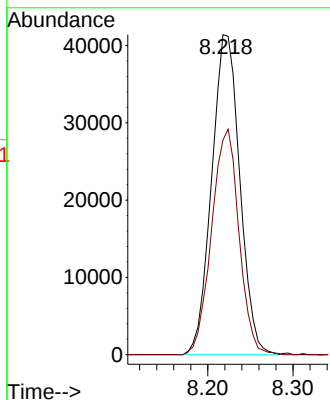
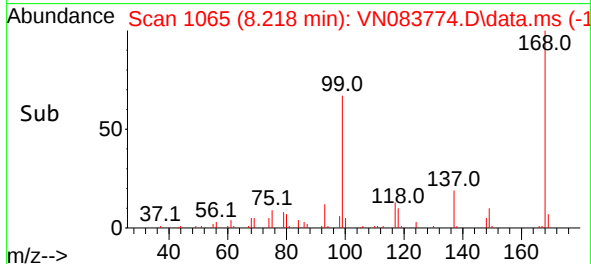
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#04



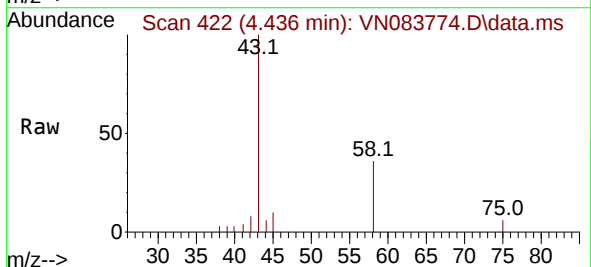
Tgt Ion:168 Resp: 94950
Ion Ratio Lower Upper
168 100
99 67.1 54.2 81.2

Manual Integrations
APPROVED

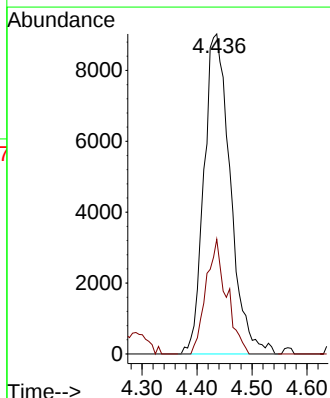
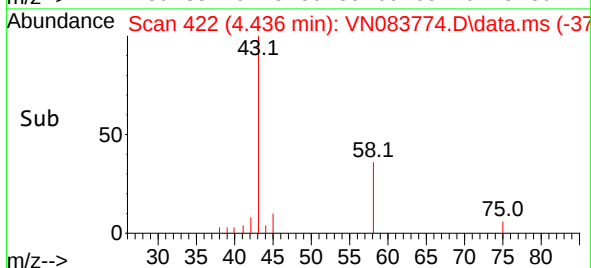
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

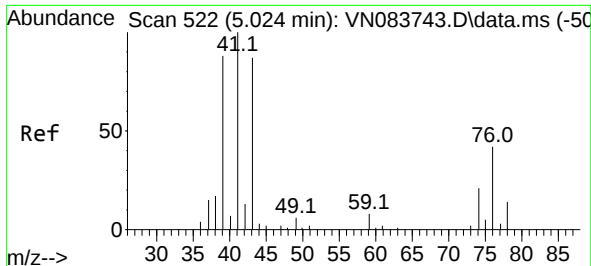


#16
Acetone
Concen: 52.349 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02



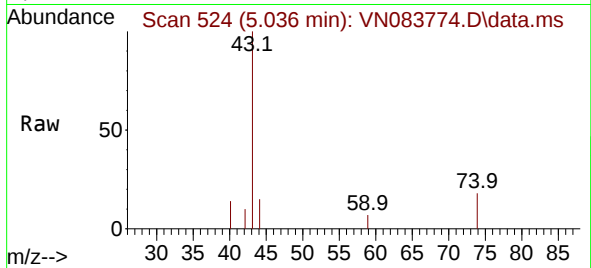
Tgt Ion: 43 Resp: 30047
Ion Ratio Lower Upper
43 100
58 35.8 23.7 35.5#





#18
Methyl Acetate
Concen: 5.659 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

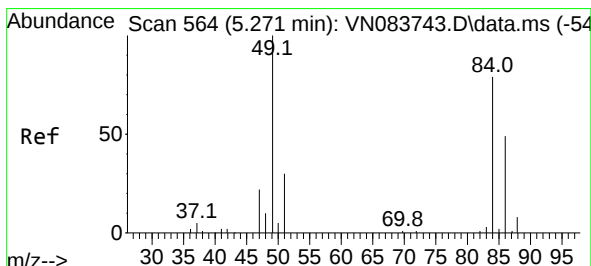
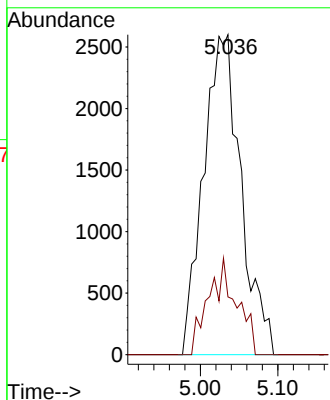
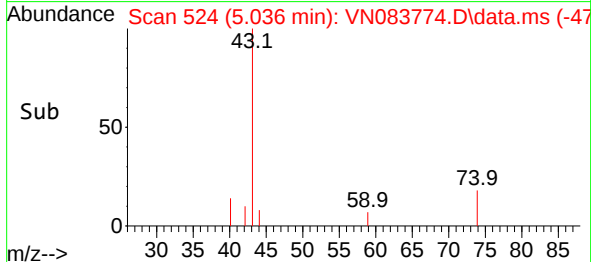
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#04



Tgt Ion: 43 Resp: 8730
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4

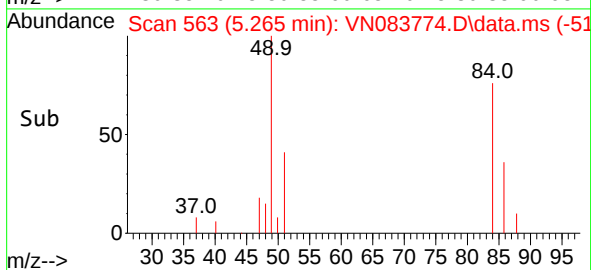
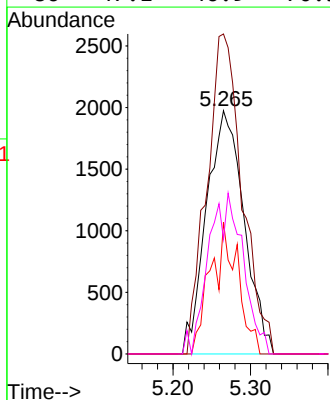
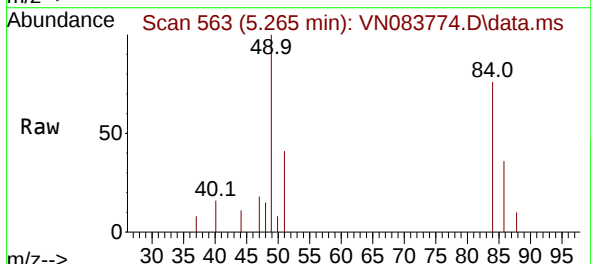
Manual Integrations
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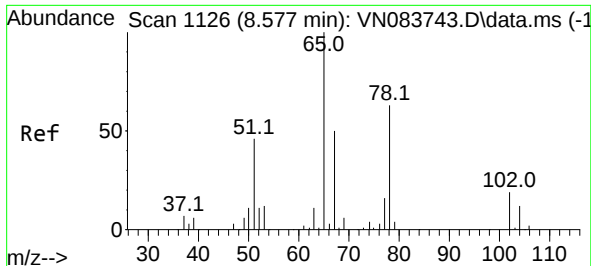
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 5.663 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

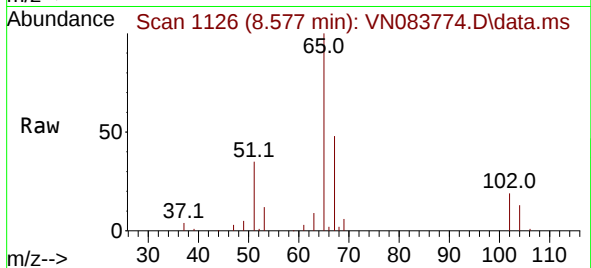
Tgt Ion: 84 Resp: 6652
Ion Ratio Lower Upper
84 100
49 131.5 93.4 140.0
51 54.2 29.2 43.8#
86 47.1 46.9 70.3





#33
1,2-Dichloroethane-d4
Concen: 68.222 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

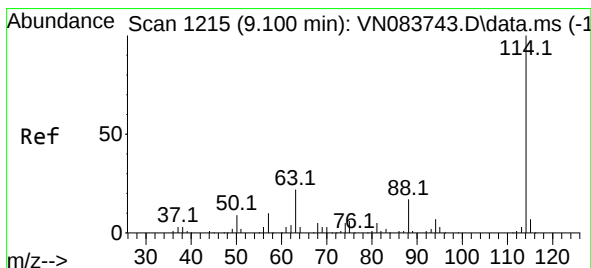
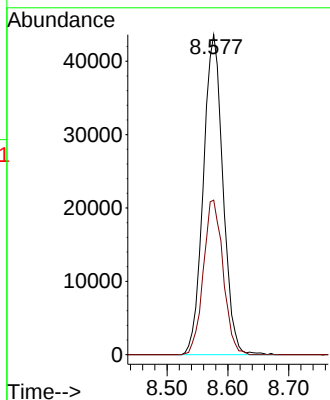
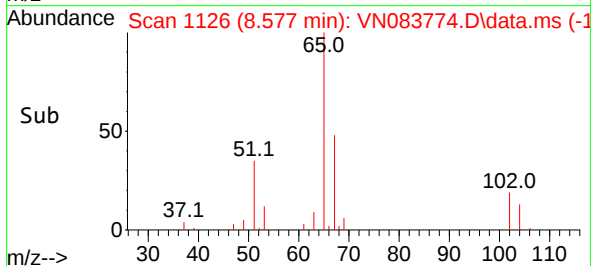
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#04



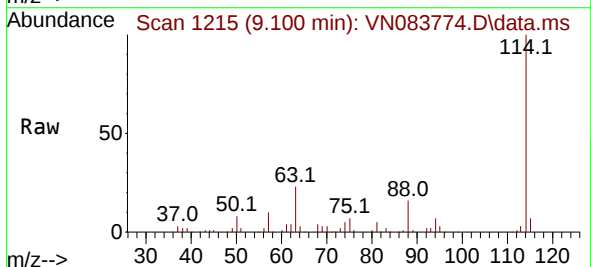
Tgt Ion: 65 Resp: 97680
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.8

Manual Integrations
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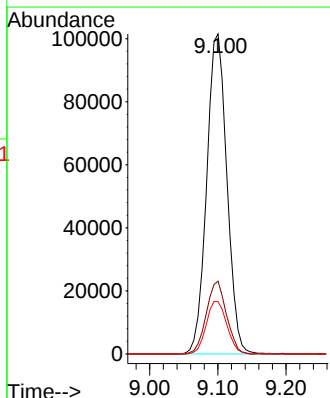
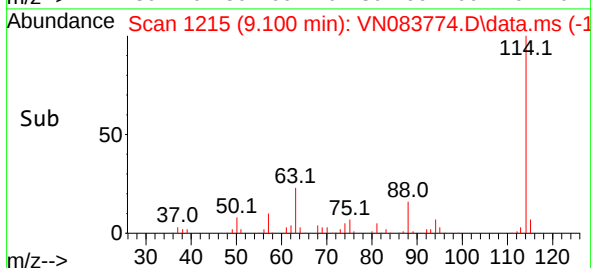
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02



Tgt Ion:114 Resp: 209686
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.4
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.861 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083774.D

Acq: 11 Sep 2024 06:02

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#04

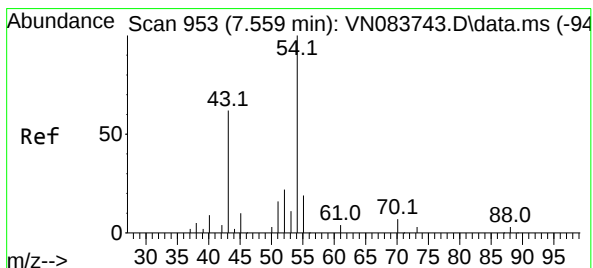
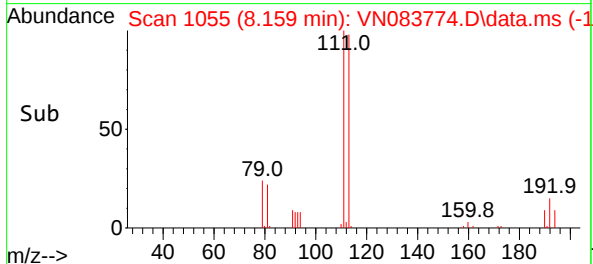
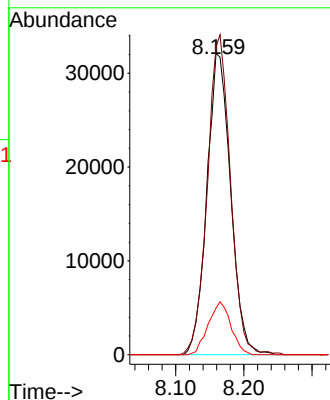
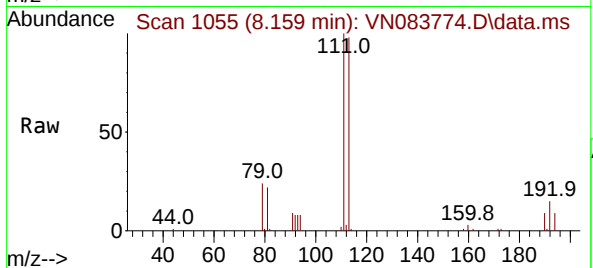
Tgt Ion:	113	Resp:	7767
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	16.8	14.3	21.5

Manual Integrations

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#37

Ethyl Acetate

Concen: 1.886 ug/l

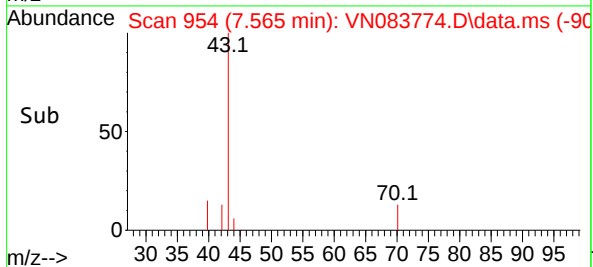
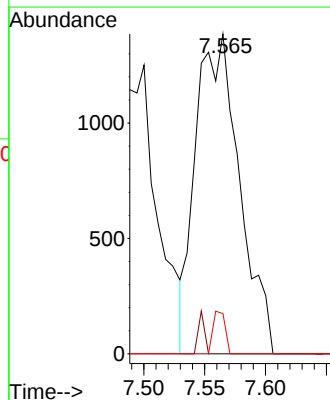
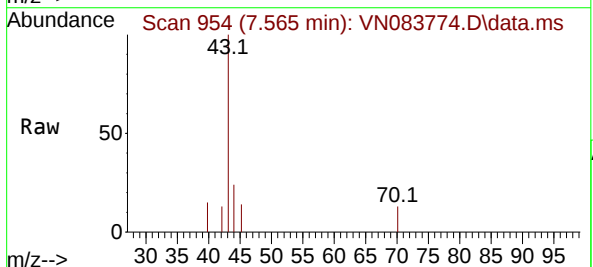
RT: 7.565 min Scan# 954

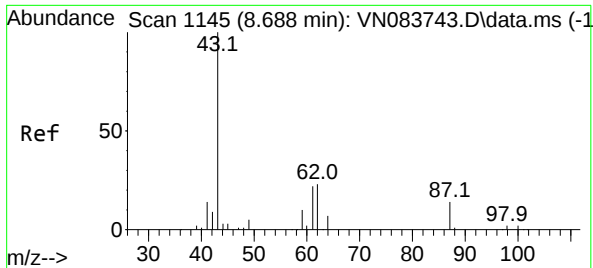
Delta R.T. 0.006 min

Lab File: VN083774.D

Acq: 11 Sep 2024 06:02

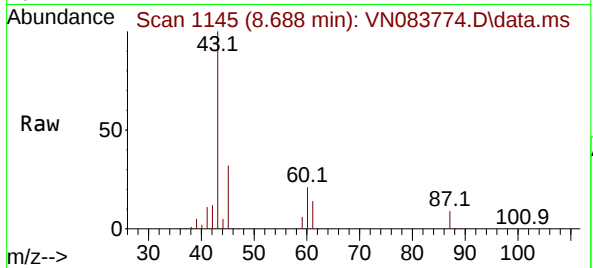
Tgt Ion:	43	Resp:	3458
Ion	Ratio	Lower	Upper
43	100		
61	1.9	11.1	16.7#
70	3.7	8.8	13.2#





#43
Isopropyl Acetate
Concen: 77.550 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

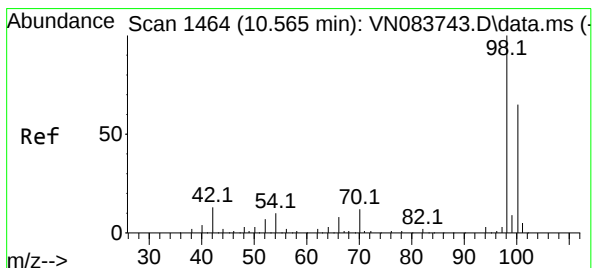
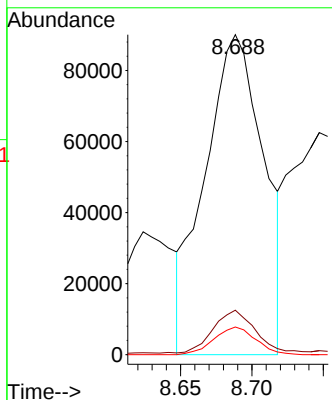
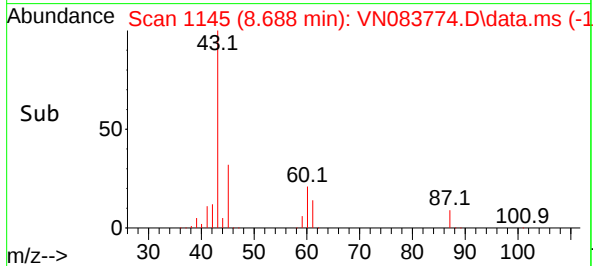
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PB163204ZHE#04



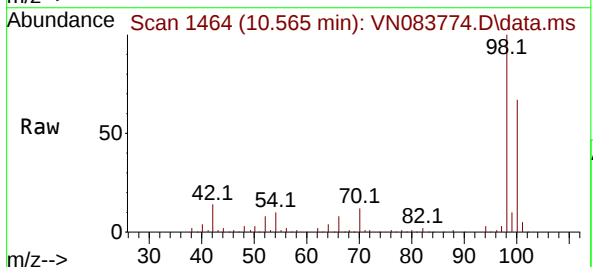
Tgt Ion: 43 Resp: 257734
Ion Ratio Lower Upper
43 100
61 9.5 19.4 29.0
87 6.2 9.8 14.6

Manual Integrations
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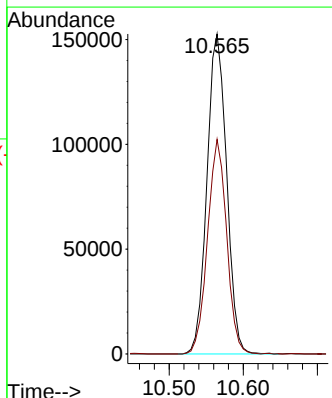
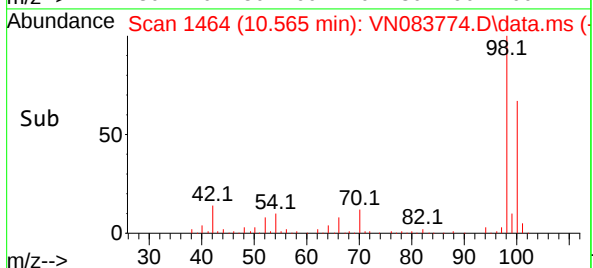
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

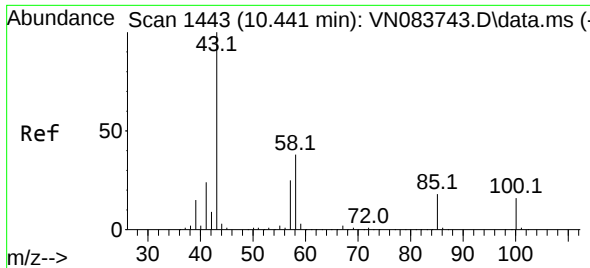


#50
Toluene-d8
Concen: 60.630 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02



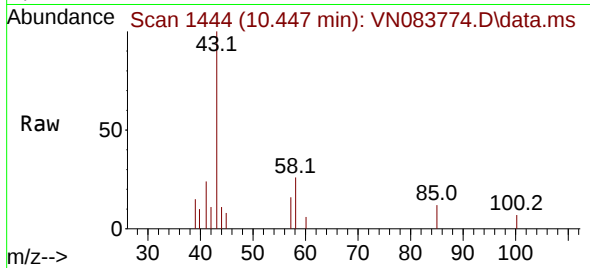
Tgt Ion: 98 Resp: 281365
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 5.020 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

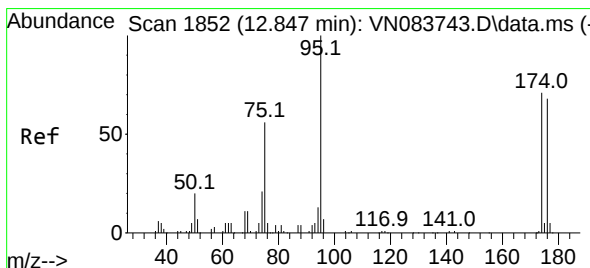
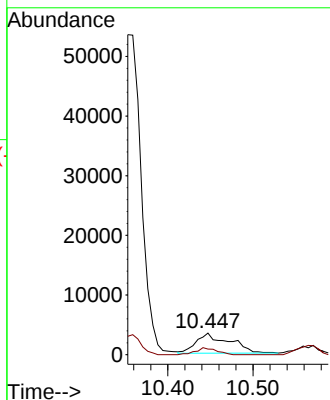
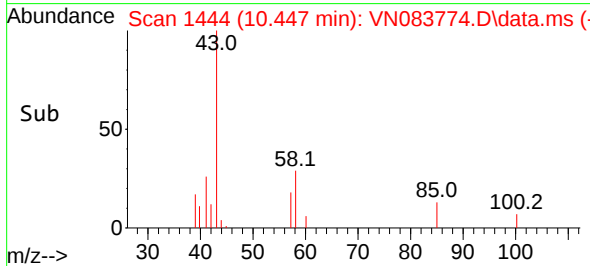
Instrument :
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Tgt Ion: 43 Resp: 9082
Ion Ratio Lower Upper
43 100
58 21.5 31.6 47.4

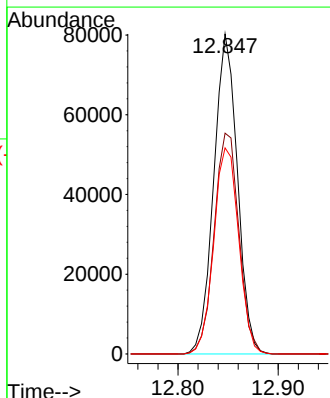
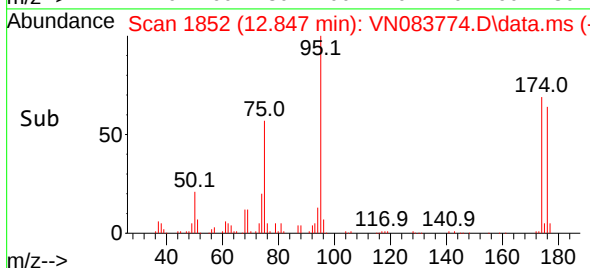
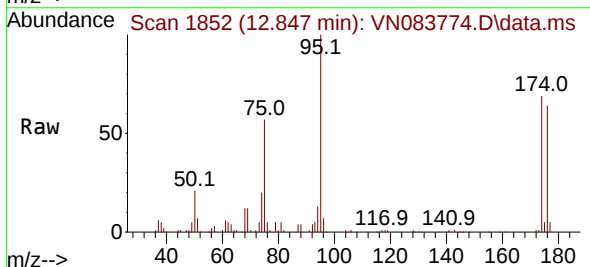
Manual Integrations
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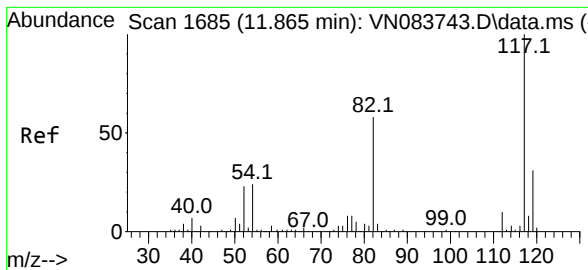
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#62
4-Bromofluorobenzene
Concen: 68.604 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

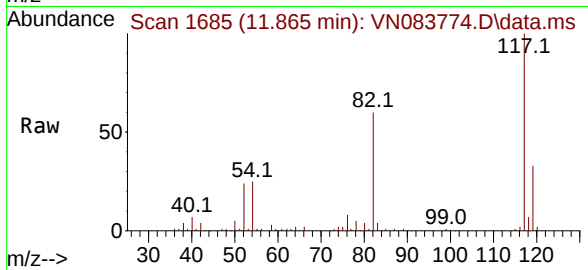
Tgt Ion: 95 Resp: 131351
Ion Ratio Lower Upper
95 100
174 72.3 0.0 139.8
176 68.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

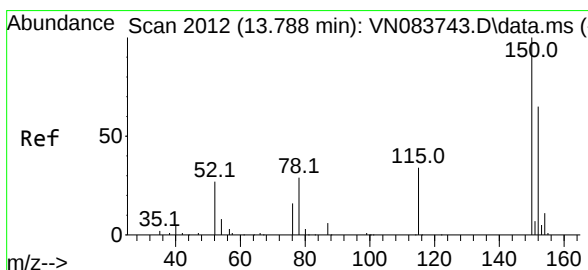
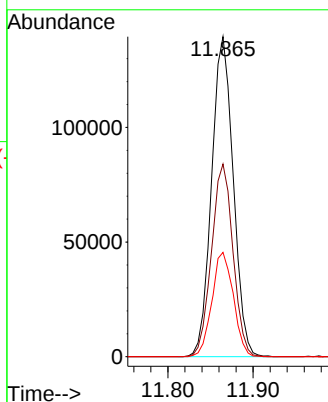
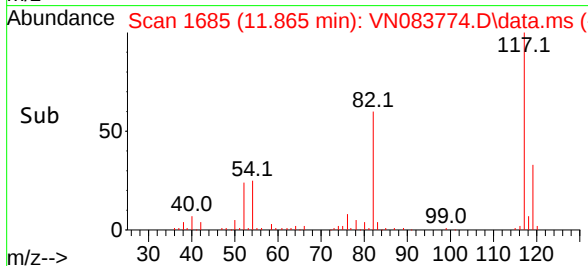
Instrument :
MSVOA_N
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PB163204ZHE#04



Tgt Ion:117 Resp: 246611
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 32.6 26.3 39.5

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/11/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083774.D
Acq: 11 Sep 2024 06:02

Tgt Ion:152 Resp: 118284
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 157.8 0.0 348.6

