

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083777.D
 Acq On : 11 Sep 2024 07:14
 Operator : JC\MD
 Sample : PB163204ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#07

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 08:08:07 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	8.224	168	93124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	203912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	94322	67.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 134.340%#			
35) Dibromofluoromethane	8.165	113	75958	58.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.380%			
50) Toluene-d8	10.565	98	281904	62.466	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 124.940%#			
62) 4-Bromofluorobenzene	12.847	95	131724	70.747	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 141.500%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	35585	63.217	ug/l	89
18) Methyl Acetate	5.024	43	9161	6.185	ug/l	92
20) Methylene Chloride	5.271	84	8530	7.405	ug/l	98
25) 2-Butanone	7.488	43	4163	5.627	ug/l #	78
43) Isopropyl Acetate	8.688	43	313439m	96.982	ug/l	

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

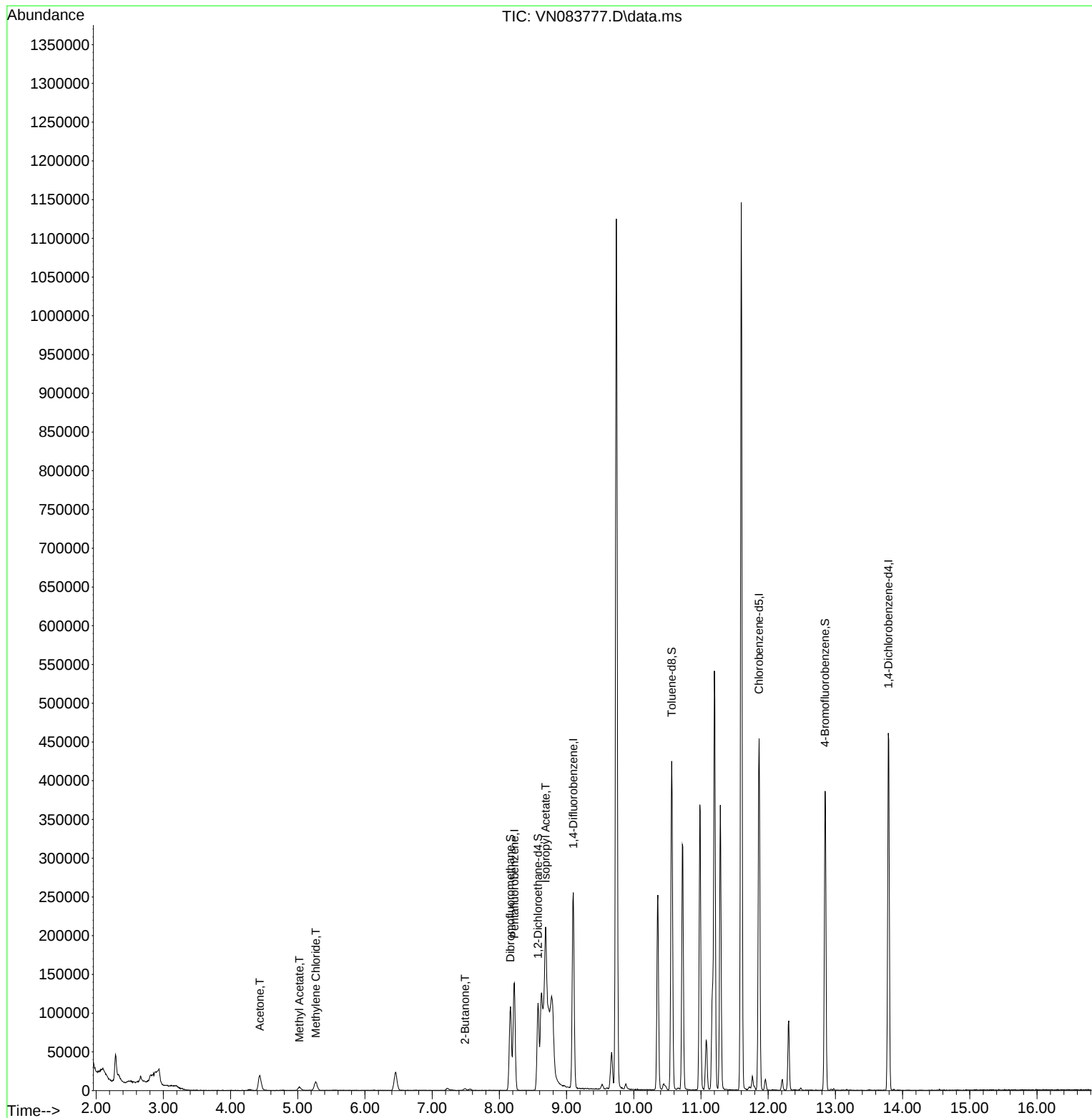
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083777.D
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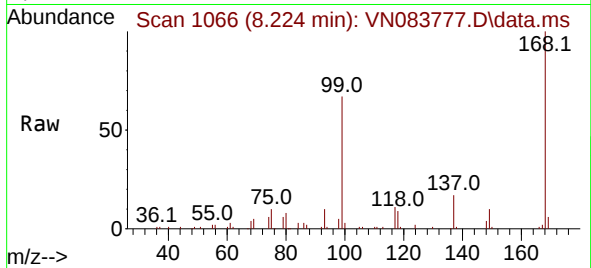
Quant Time: Sep 11 08:08:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

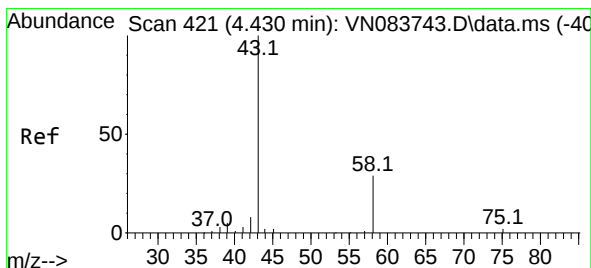
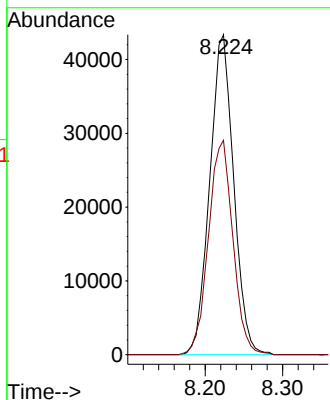
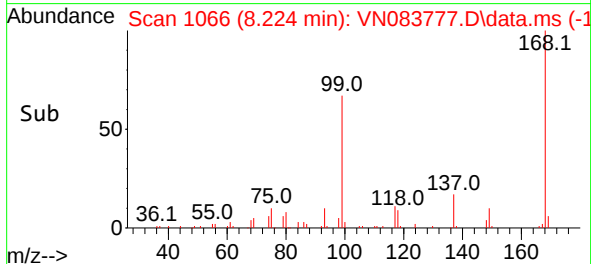
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#07



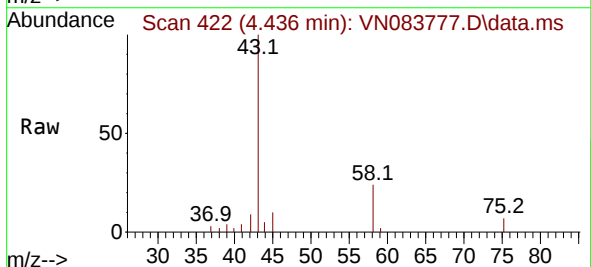
Tgt Ion:168 Resp: 93124
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2

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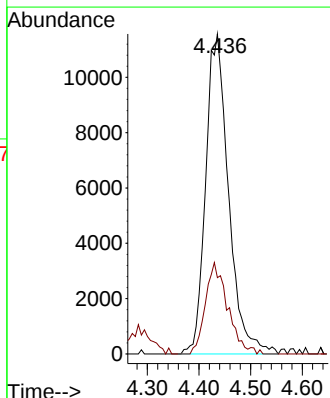
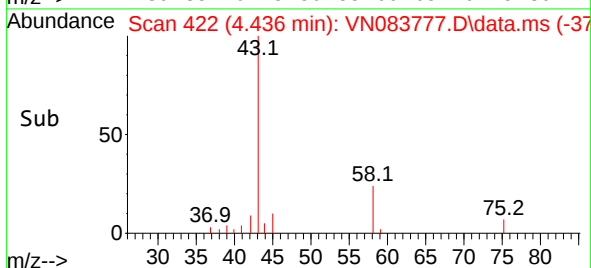
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

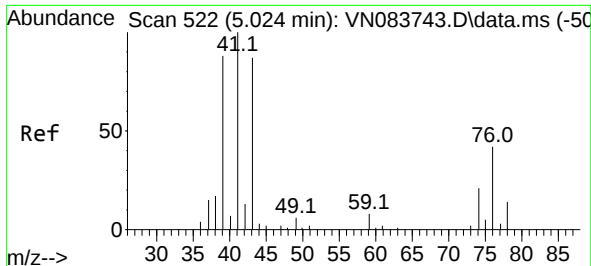


#16
Acetone
Concen: 63.217 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14



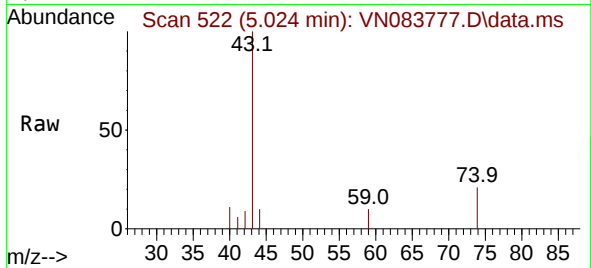
Tgt Ion: 43 Resp: 35585
Ion Ratio Lower Upper
43 100
58 23.9 23.7 35.5





#18
Methyl Acetate
Concen: 6.185 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

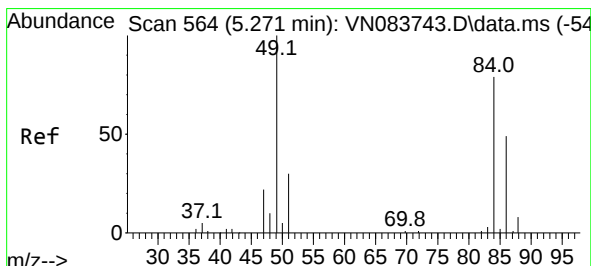
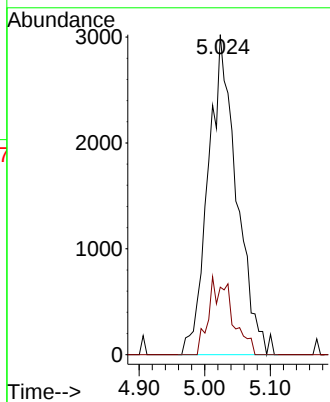
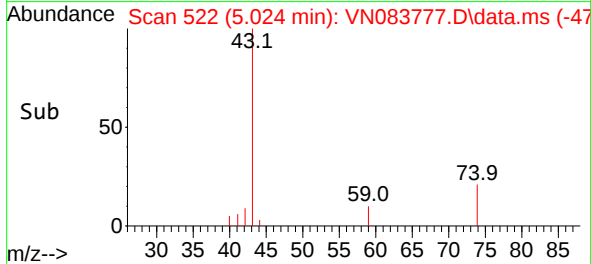
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#07



Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
74 20.0 19.0 28.4

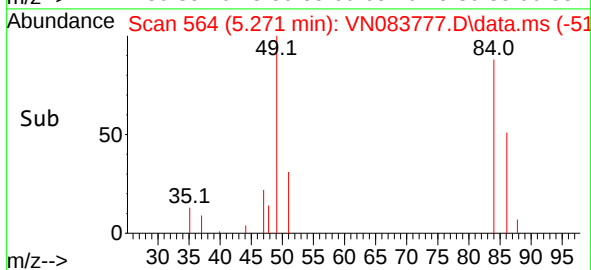
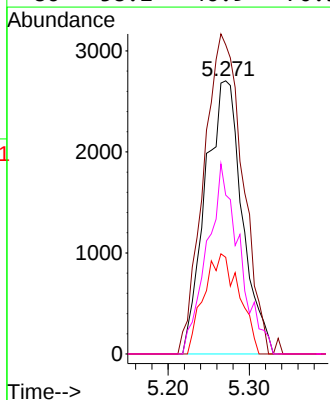
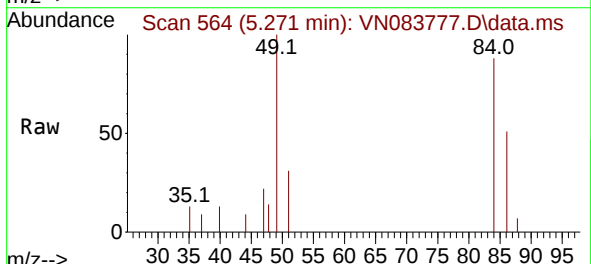
Manual Integrations
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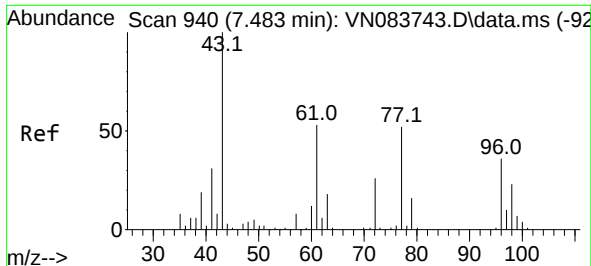
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 7.405 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

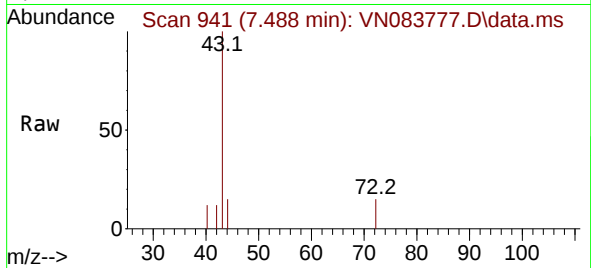
Tgt Ion: 84 Resp: 8530
Ion Ratio Lower Upper
84 100
49 113.2 93.4 140.0
51 35.4 29.2 43.8
86 58.2 46.9 70.3





#25
2-Butanone
Concen: 5.627 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

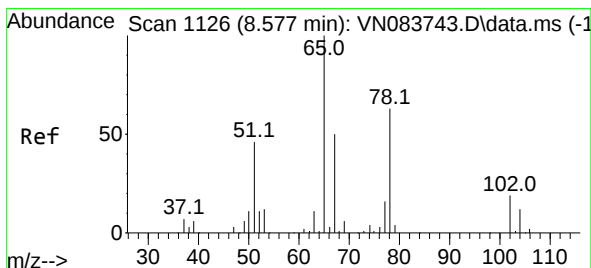
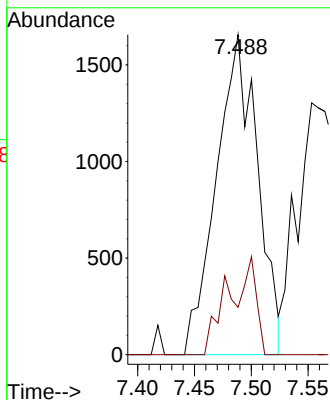
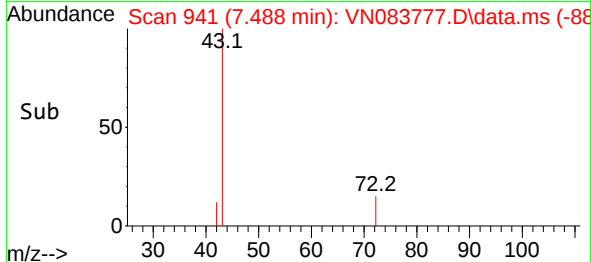
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#07



Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
72 14.8 20.8 31.2

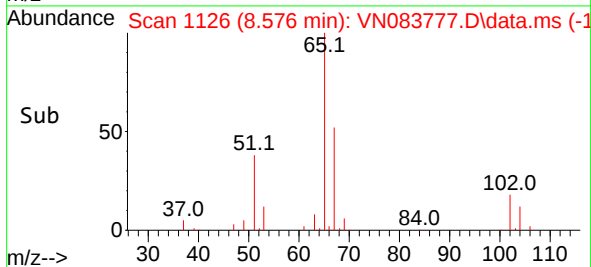
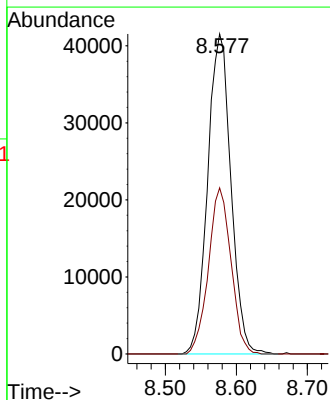
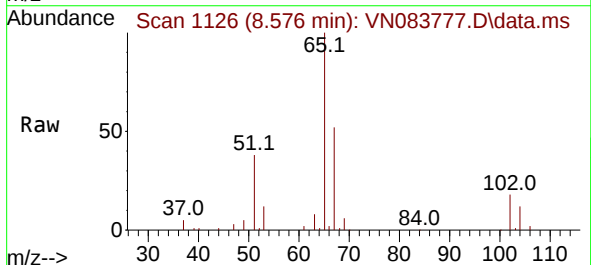
Manual Integrations
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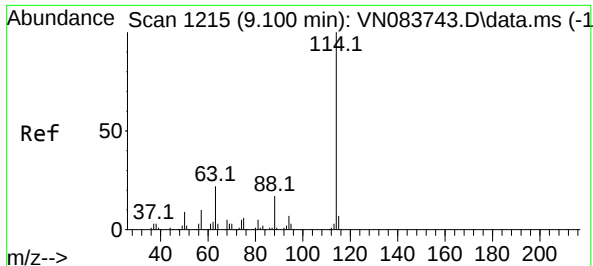
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#33
1,2-Dichloroethane-d4
Concen: 67.172 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

Tgt Ion: 65 Resp: 94322
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083777.D

Acq: 11 Sep 2024 07:14

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#07

Tgt Ion:114 Resp: 20391

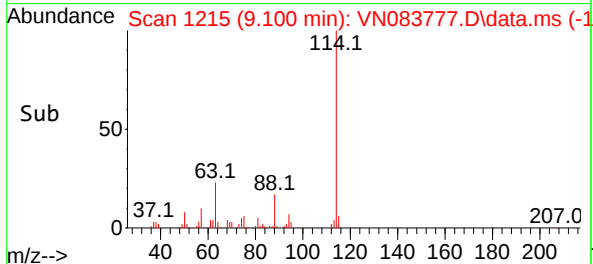
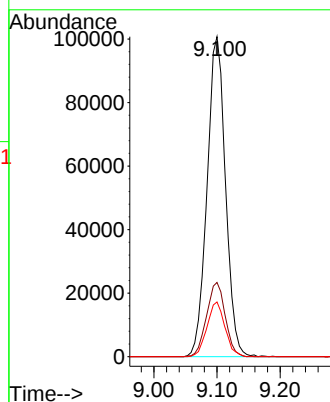
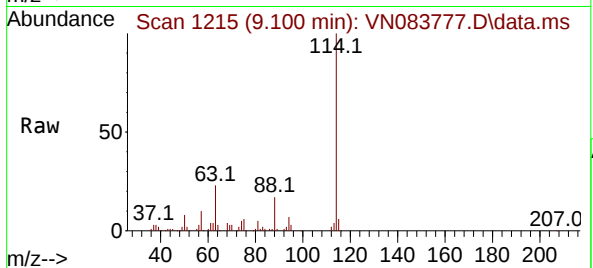
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	43.4
88	17.1	0.0	32.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/11/2024



#35

Dibromofluoromethane

Concen: 58.187 ug/l

RT: 8.165 min Scan# 1056

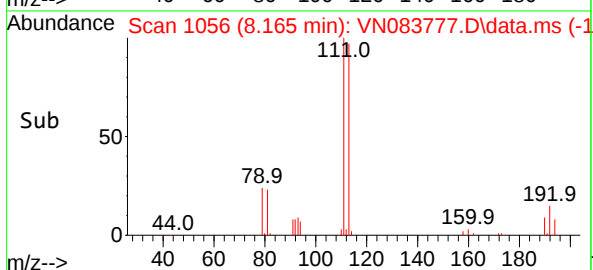
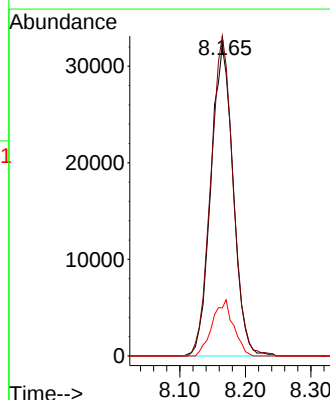
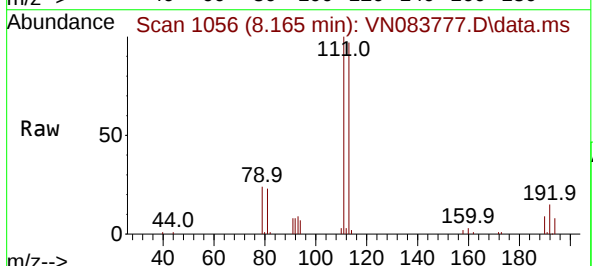
Delta R.T. -0.000 min

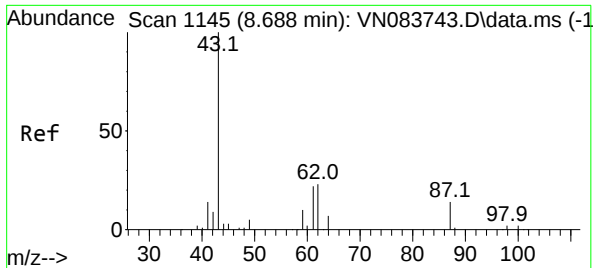
Lab File: VN083777.D

Acq: 11 Sep 2024 07:14

Tgt Ion:113 Resp: 75958

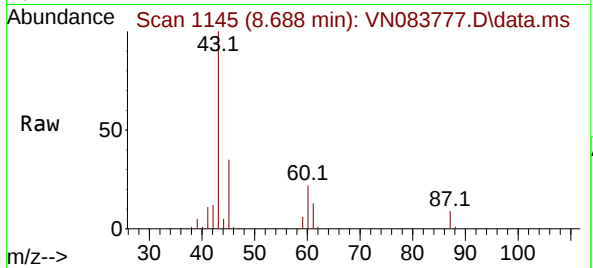
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.1	14.3	21.5





#43
Isopropyl Acetate
Concen: 96.982 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

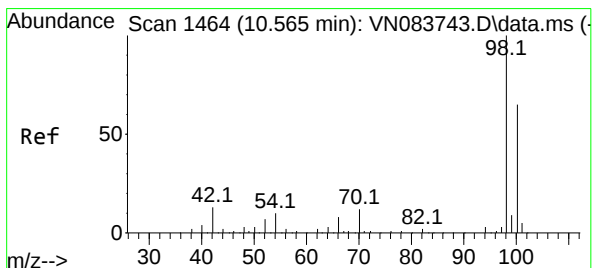
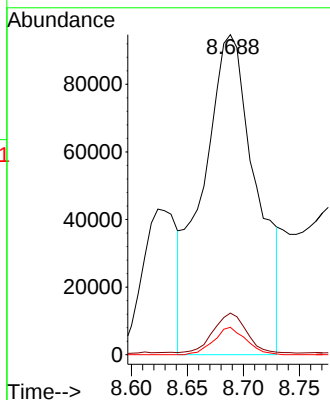
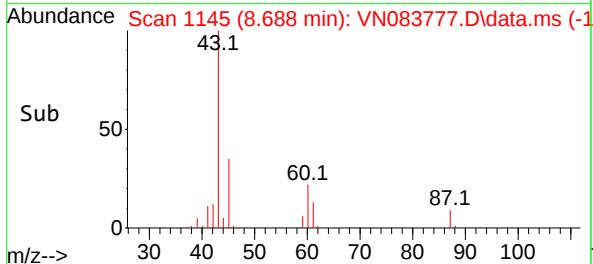
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#07



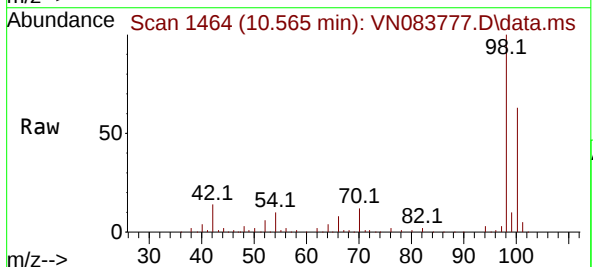
Tgt Ion: 43 Resp: 313439
Ion Ratio Lower Upper
43 100
61 8.0 19.4 29.0
87 5.2 9.8 14.6

Manual Integrations
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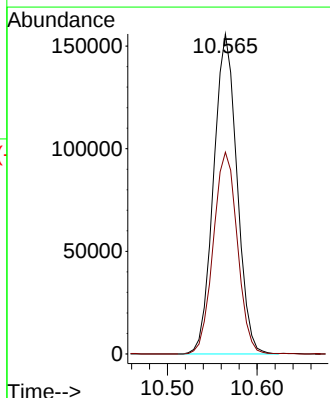
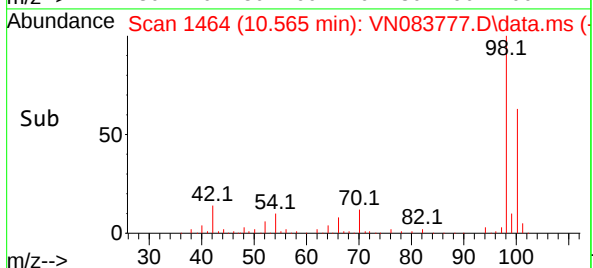
Reviewed By :John Carlone 09/11/2024
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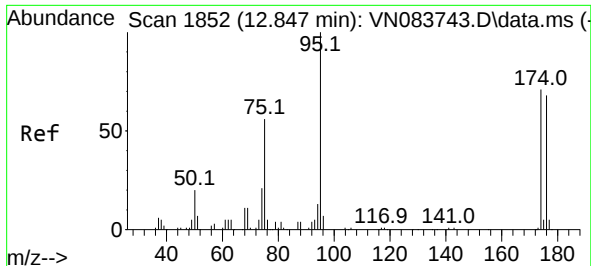


#50
Toluene-d8
Concen: 62.466 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14



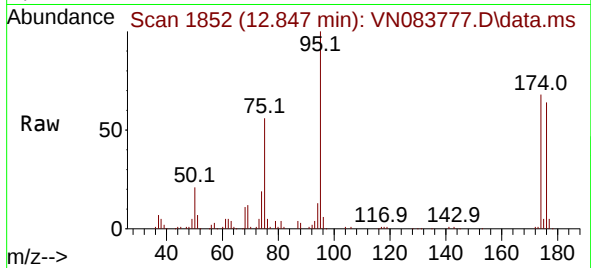
Tgt Ion: 98 Resp: 281904
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 70.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14

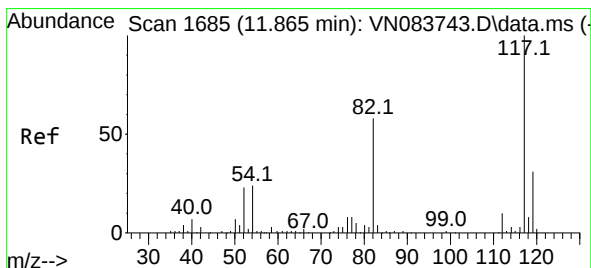
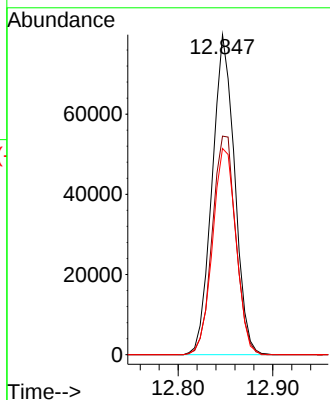
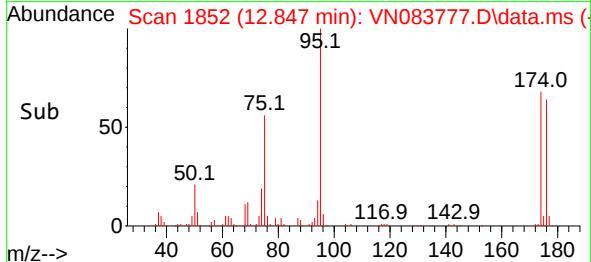
Instrument :
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ClientSampleId :
PB163204ZHE#07



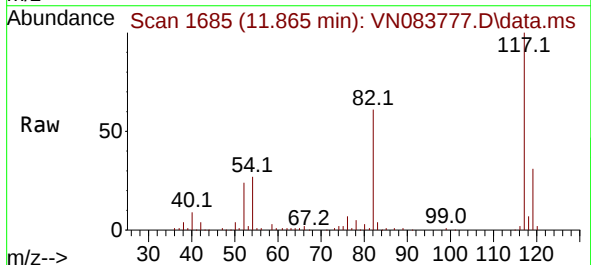
Tgt Ion: 95 Resp: 131724
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 67.5 0.0 131.4

Manual Integrations
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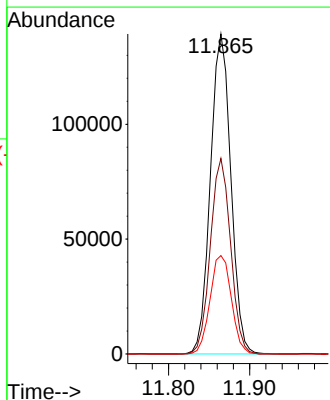
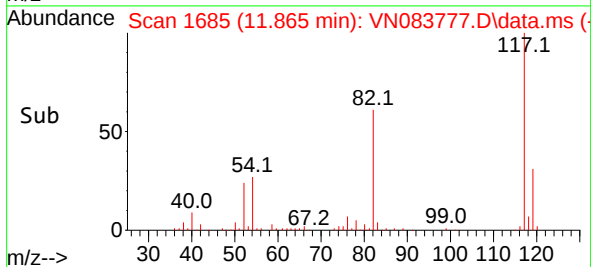
Reviewed By :John Carlone 09/11/2024
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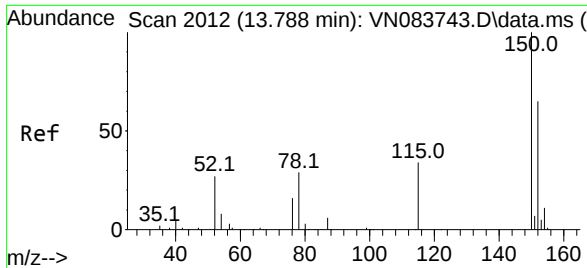


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083777.D
Acq: 11 Sep 2024 07:14



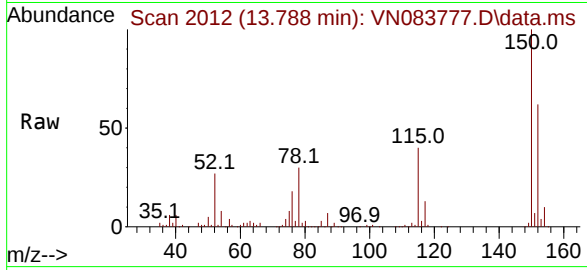
Tgt Ion:117 Resp: 243823
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 30.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083777.D
 Acq: 11 Sep 2024 07:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#07



Tgt Ion:152 Resp: 11685
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.2 96.6
 150 161.2 0.0 348.6

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