

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083772.D
 Acq On : 11 Sep 2024 05:14
 Operator : JC\MD
 Sample : PB163204ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#02

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 05:51:40 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	95972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	210520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98990	68.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 136.800%#			
35) Dibromofluoromethane	8.159	113	78835	58.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.000%			
50) Toluene-d8	10.565	98	286063	61.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.800%#			
62) 4-Bromofluorobenzene	12.847	95	134279	69.855	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 139.720%#			
Target Compounds					Qvalue	
16) Acetone	4.430	43	29034	50.049	ug/l	99
18) Methyl Acetate	5.024	43	6823	3.935	ug/l	91
20) Methylene Chloride	5.265	84	6337	5.338	ug/l	94
37) Ethyl Acetate	7.565	43	3193	1.734	ug/l #	86
43) Isopropyl Acetate	8.688	43	262970m	78.812	ug/l	

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

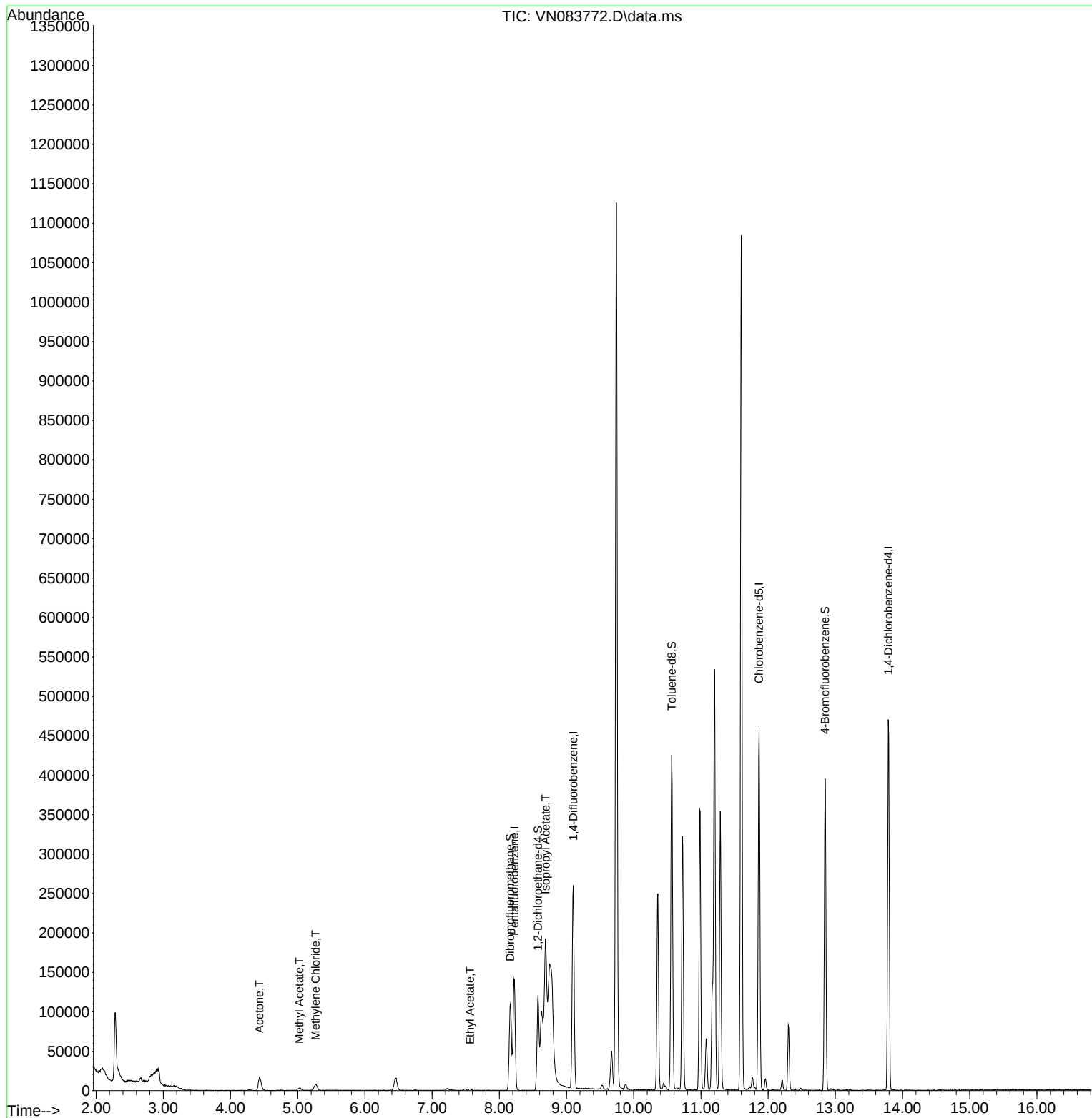
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083772.D
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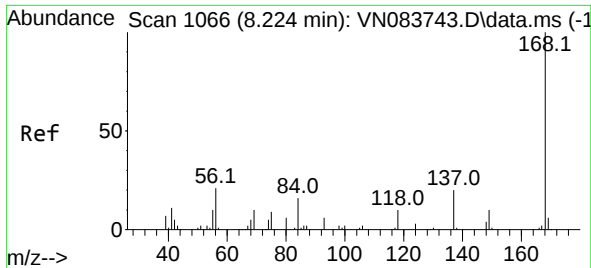
Instrument :
MSVOA_N
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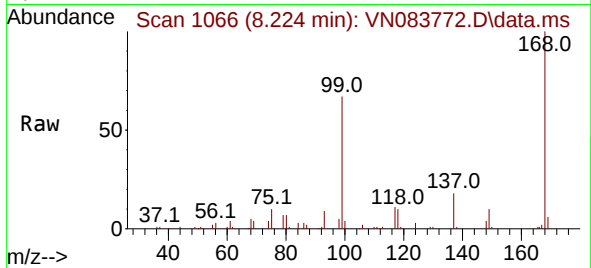
Quant Time: Sep 11 05:51:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

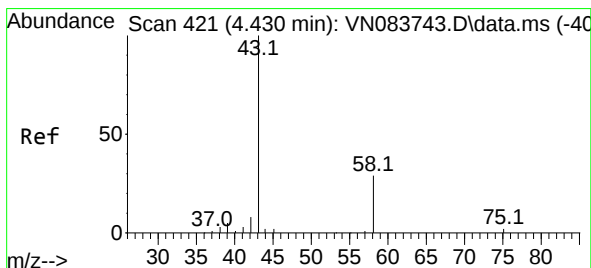
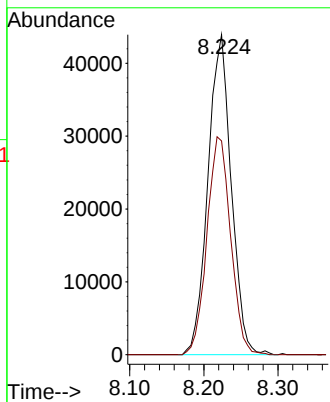
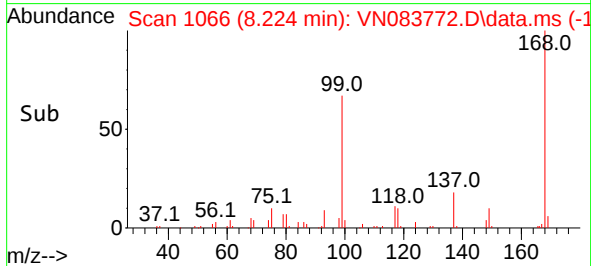
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#02



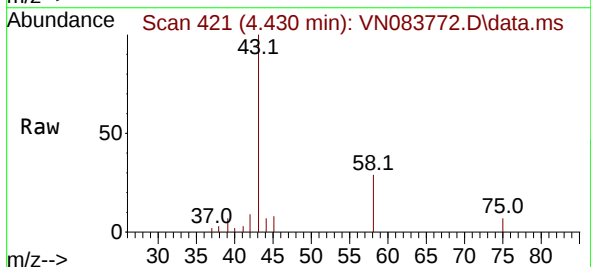
Tgt Ion:168 Resp: 95972
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2

Manual Integrations
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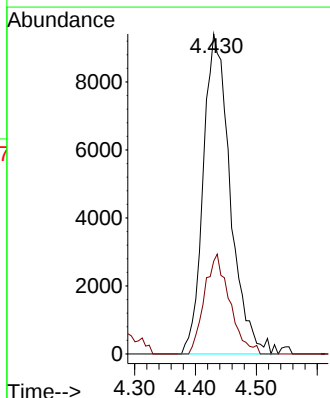
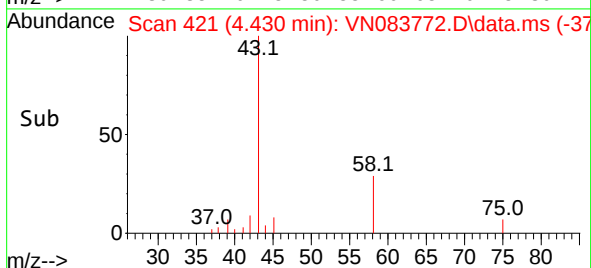
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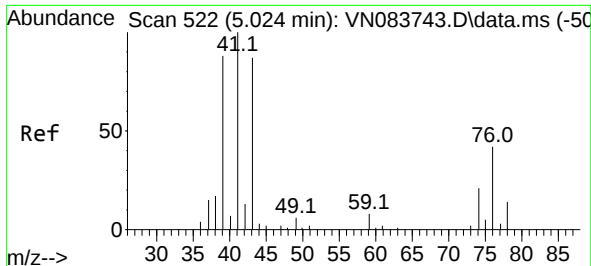


#16
Acetone
Concen: 50.049 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14



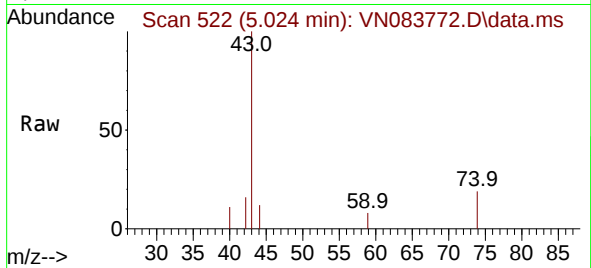
Tgt Ion: 43 Resp: 29034
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5





#18
Methyl Acetate
Concen: 3.935 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

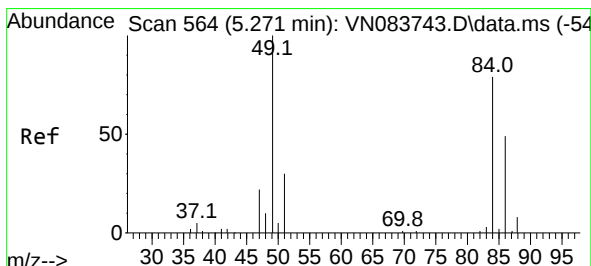
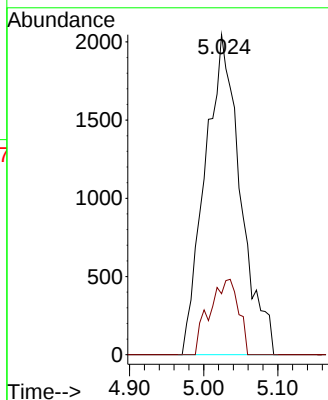
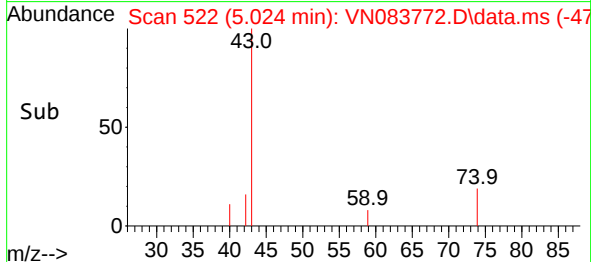
Instrument :
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PB163204ZHE#02



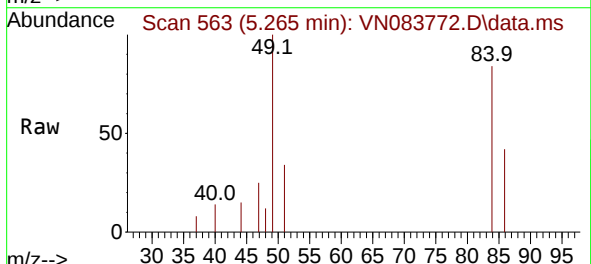
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.4

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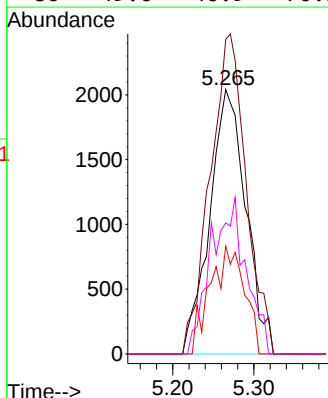
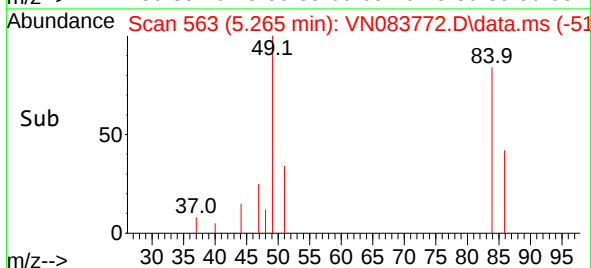
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

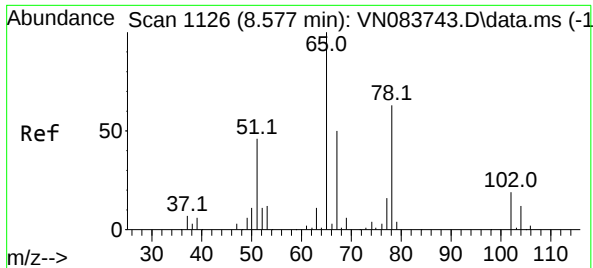


#20
Methylene Chloride
Concen: 5.338 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14



Tgt Ion: 84 Resp: 6337
Ion Ratio Lower Upper
84 100
49 118.9 93.4 140.0
51 40.8 29.2 43.8
86 49.6 46.9 70.3





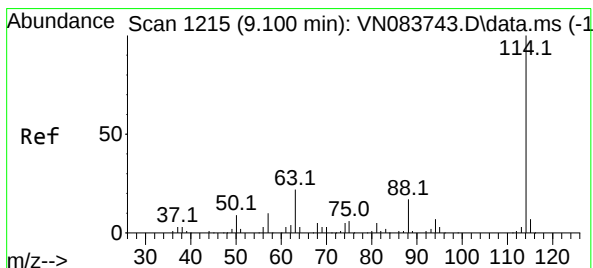
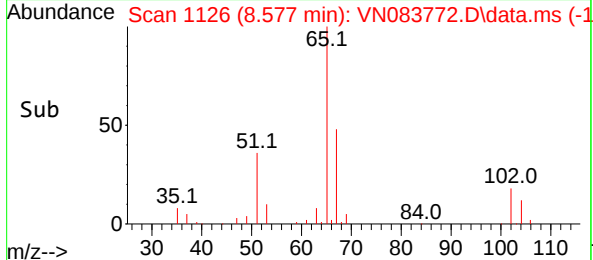
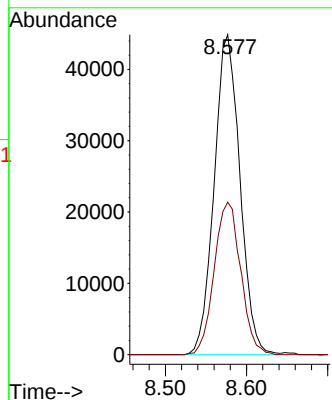
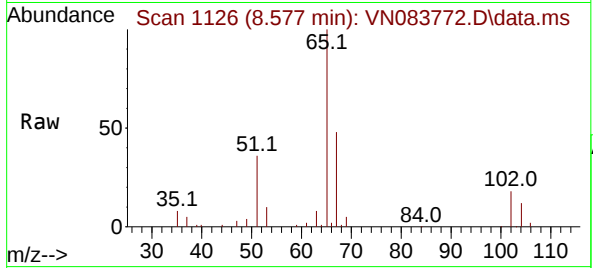
#33
1,2-Dichloroethane-d4
Concen: 68.405 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#02

Tgt Ion: 65 Resp: 98990
Ion Ratio Lower Upper
65 100
67 48.9 0.0 100.8

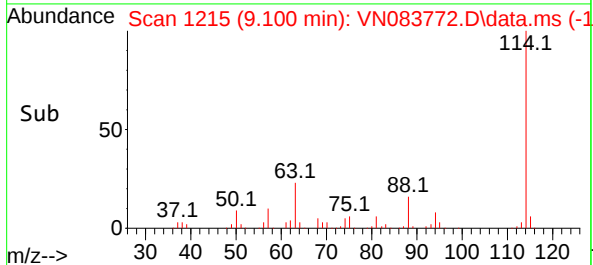
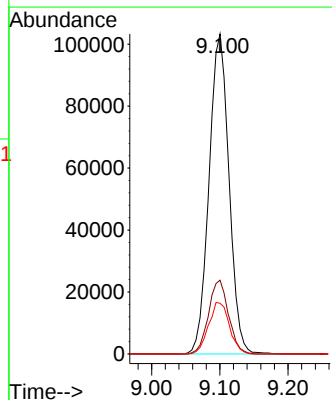
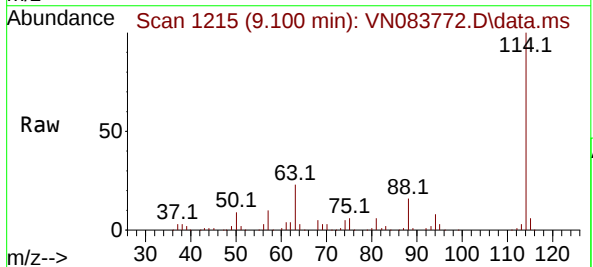
Manual Integrations
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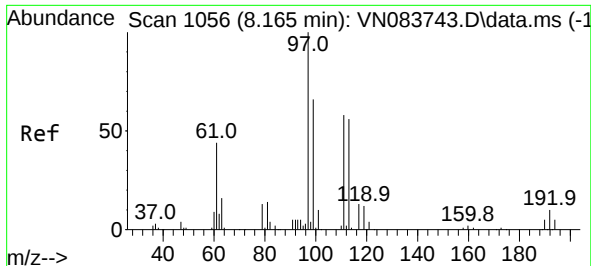
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

Tgt Ion:114 Resp: 210520
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.495 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083772.D

Acq: 11 Sep 2024 05:14

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#02

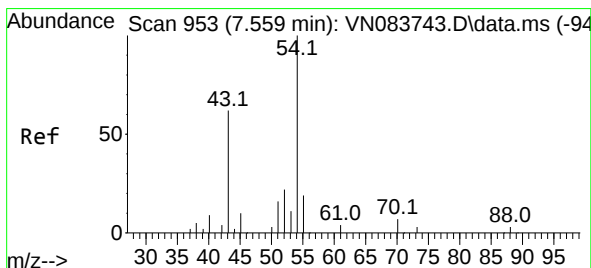
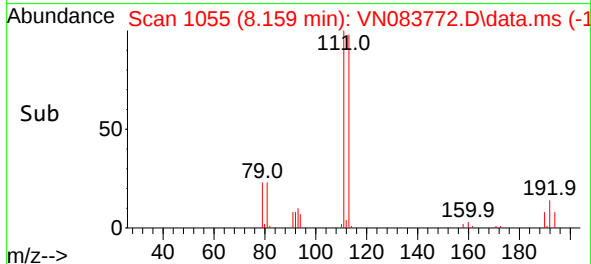
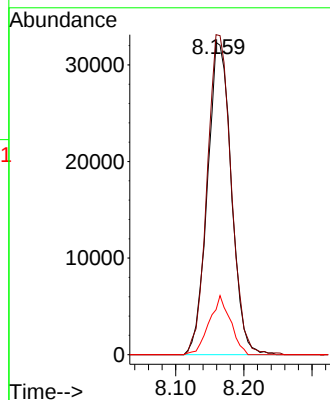
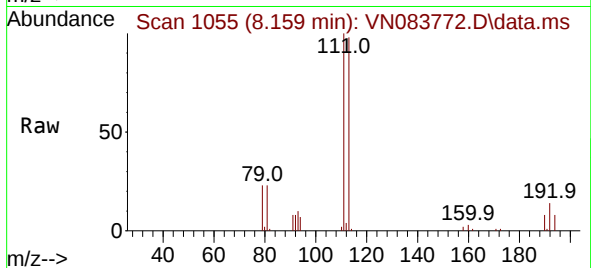
Tgt Ion:	113	Resp:	7883
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	16.8	14.3	21.5

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/11/2024



#37

Ethyl Acetate

Concen: 1.734 ug/l

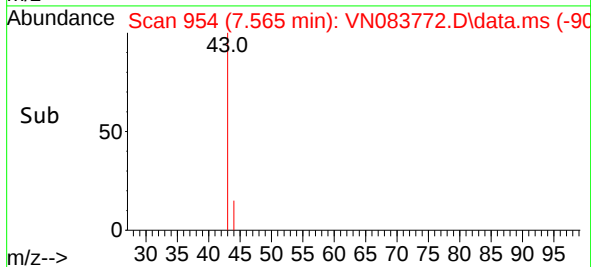
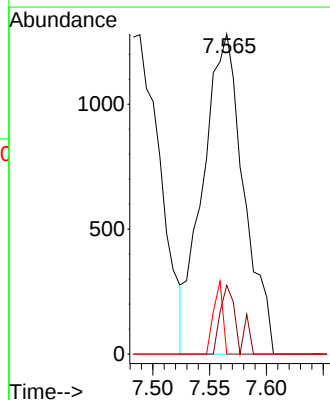
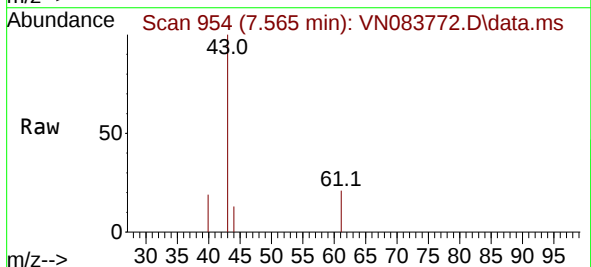
RT: 7.565 min Scan# 954

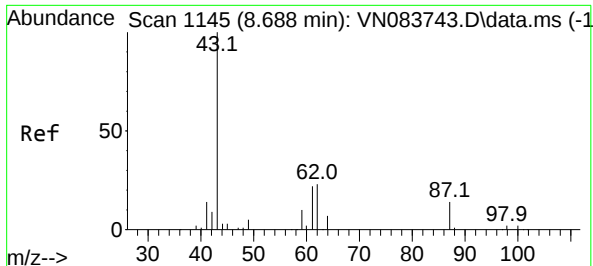
Delta R.T. 0.006 min

Lab File: VN083772.D

Acq: 11 Sep 2024 05:14

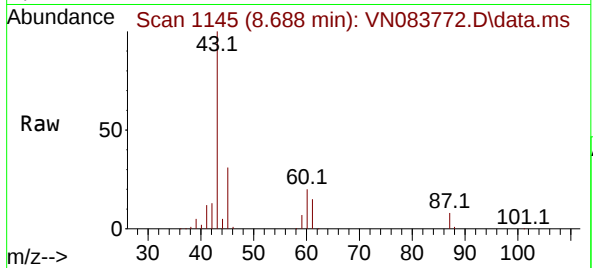
Tgt Ion:	43	Resp:	3193
Ion	Ratio	Lower	Upper
43	100		
61	9.0	11.1	16.7#
70	5.1	8.8	13.2#





#43
Isopropyl Acetate
Concen: 78.812 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

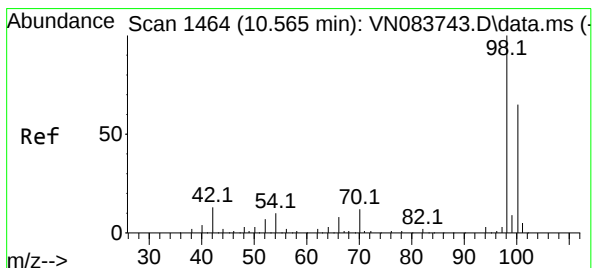
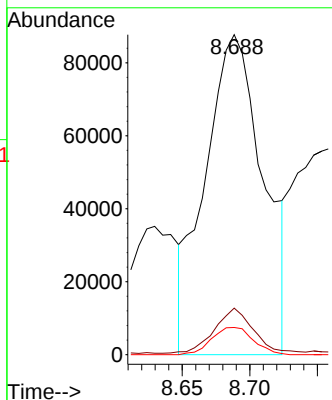
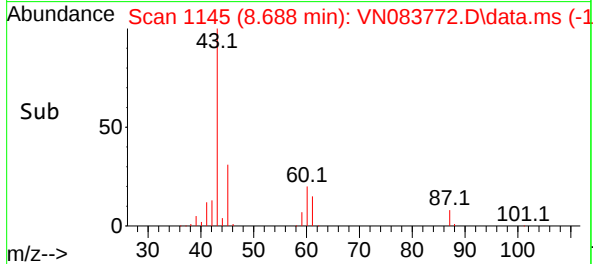
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#02



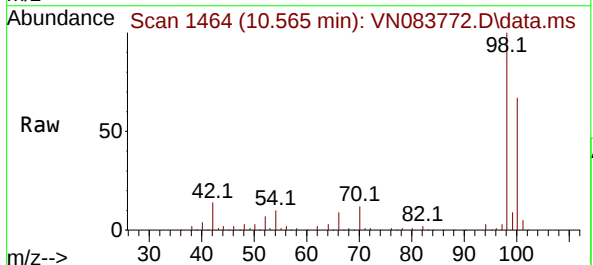
Tgt Ion: 43 Resp: 262970
Ion Ratio Lower Upper
43 100
61 9.3 19.4 29.0
87 6.1 9.8 14.6

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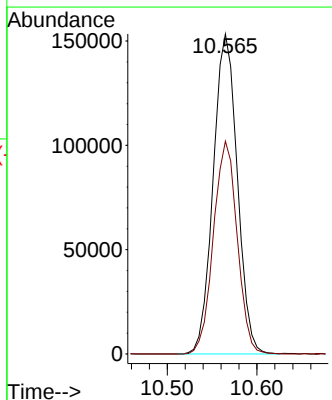
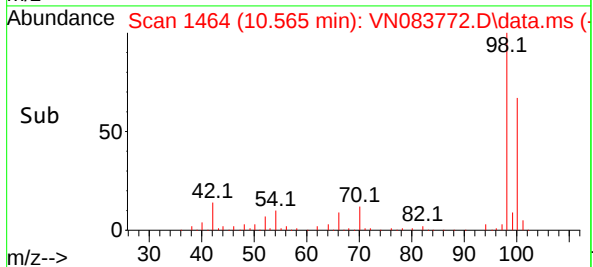
Reviewed By :John Carlone 09/11/2024
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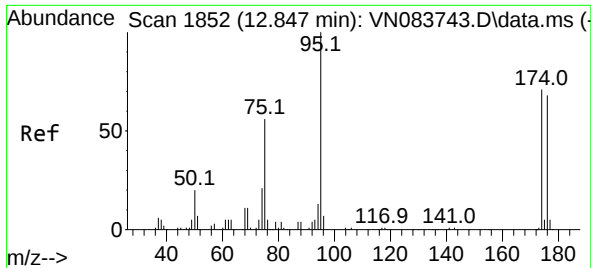


#50
Toluene-d8
Concen: 61.398 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14



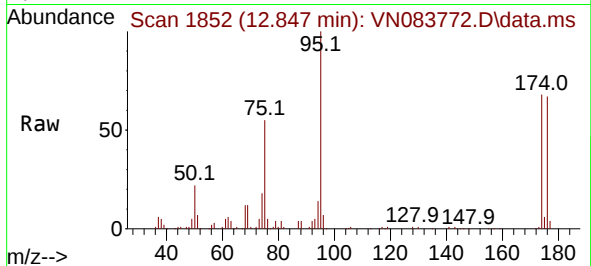
Tgt Ion: 98 Resp: 286063
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 69.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14

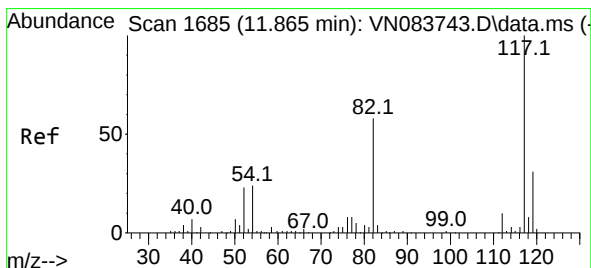
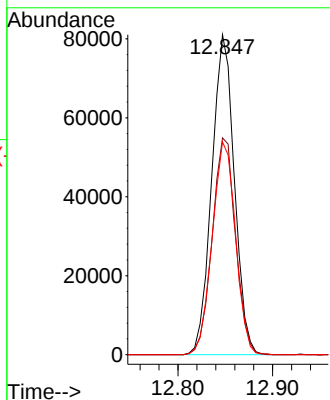
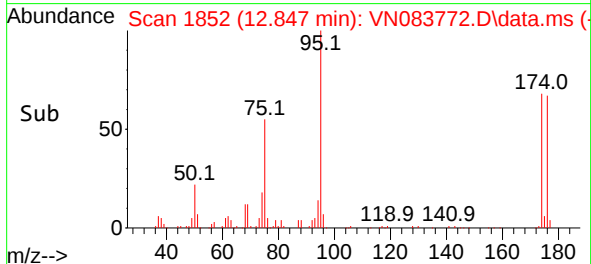
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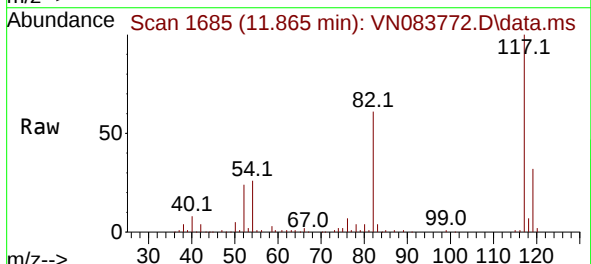
Tgt Ion: 95 Resp: 134279
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.6 0.0 131.4

Manual Integrations
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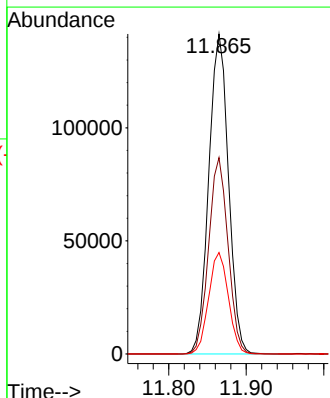
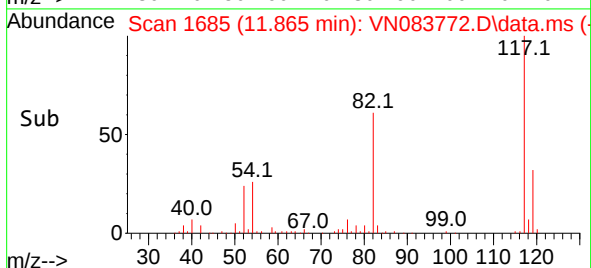
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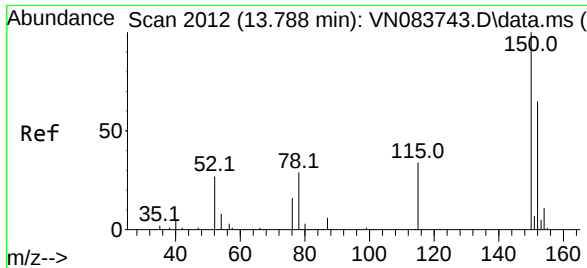


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083772.D
Acq: 11 Sep 2024 05:14



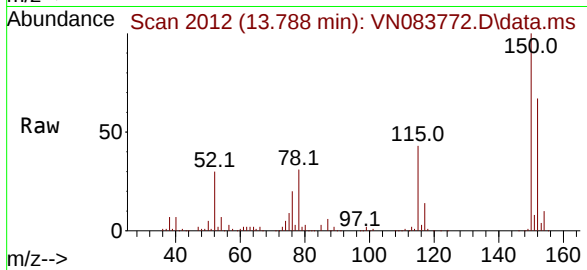
Tgt Ion:117 Resp: 249763
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083772.D
 Acq: 11 Sep 2024 05:14

Instrument :
 MSVOA_N
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 PB163204ZHE#02



Tgt Ion:152 Resp: 119820
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.2 96.6
 150 157.4 0.0 348.6

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