

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083771.D
 Acq On : 11 Sep 2024 04:50
 Operator : JC\MD
 Sample : PB163204ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#01

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 05:51:10 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	97637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98683	67.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 134.060%#			
35) Dibromofluoromethane	8.159	113	79187	59.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.820%			
50) Toluene-d8	10.565	98	284737	61.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 123.580%#			
62) 4-Bromofluorobenzene	12.847	95	133877	70.418	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 140.840%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	28884	48.941	ug/l	94
18) Methyl Acetate	5.036	43	5643	2.839	ug/l #	85
20) Methylene Chloride	5.271	84	5388m	4.461	ug/l	
37) Ethyl Acetate	7.565	43	3184	1.748	ug/l #	84
43) Isopropyl Acetate	8.688	43	268412m	81.334	ug/l	

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

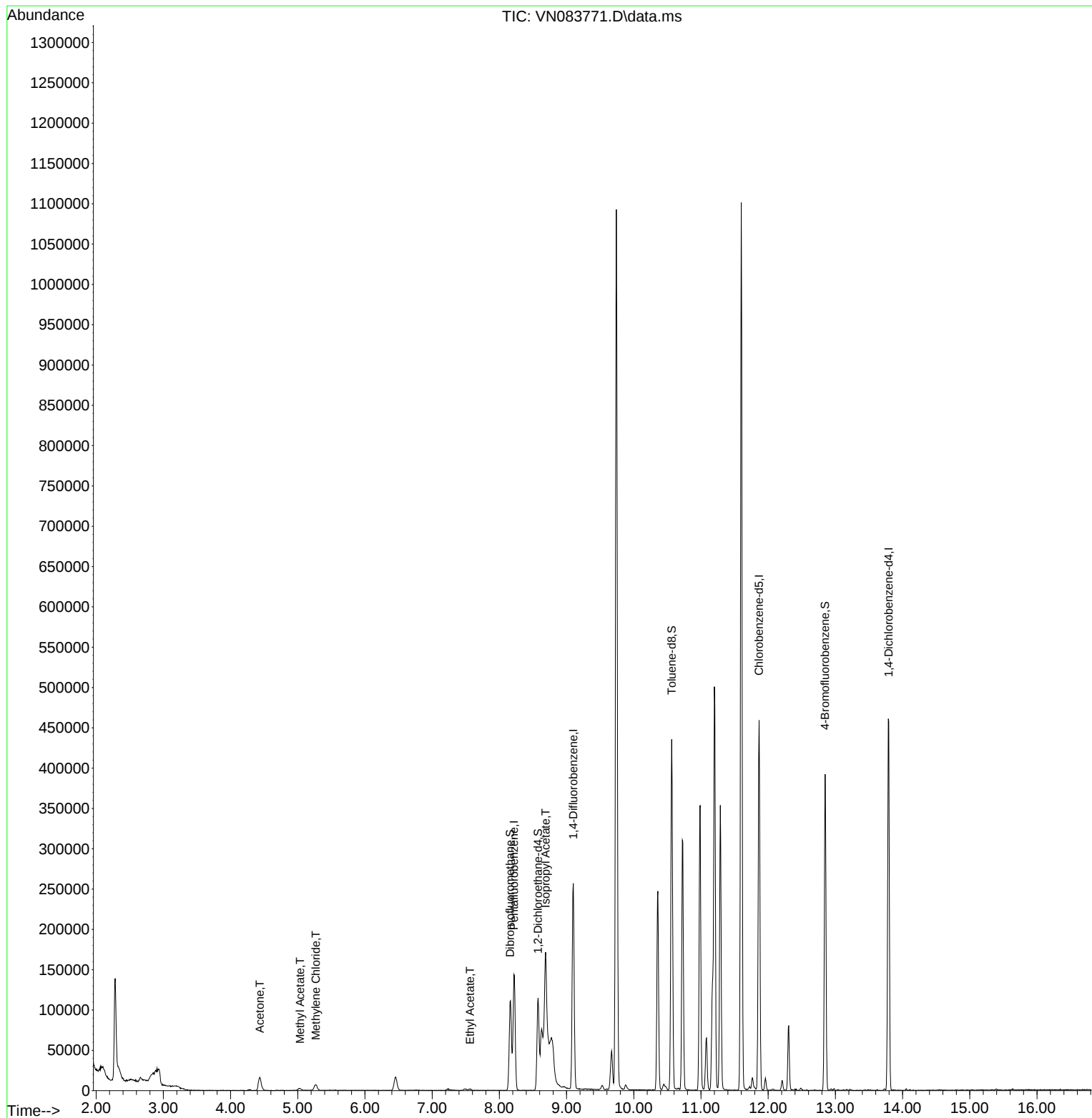
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083771.D
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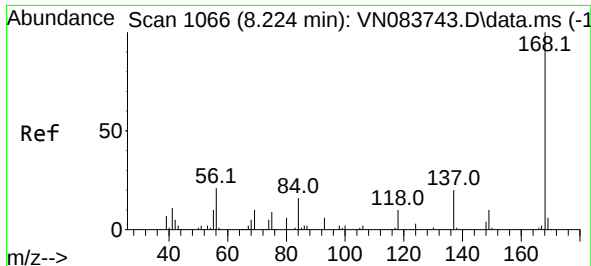
Instrument :
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ClientSampleId :
PB163204ZHE#01

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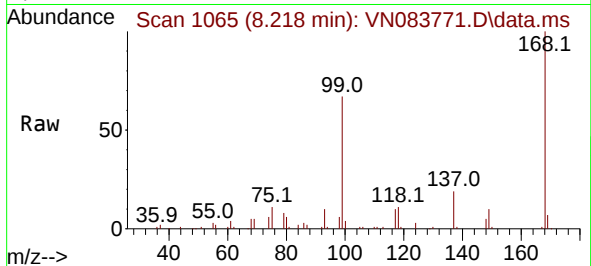
Quant Time: Sep 11 05:51:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

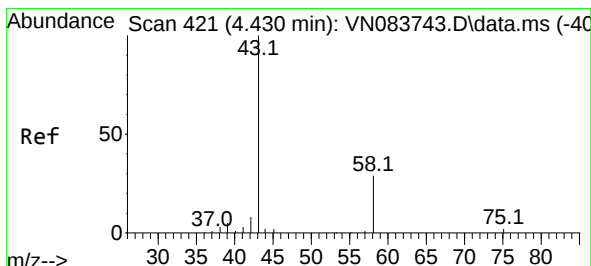
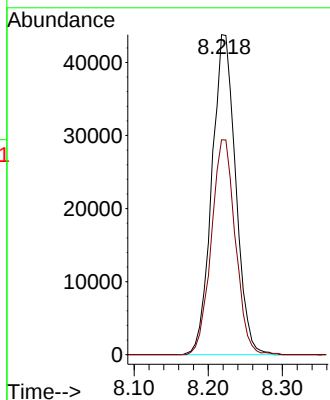
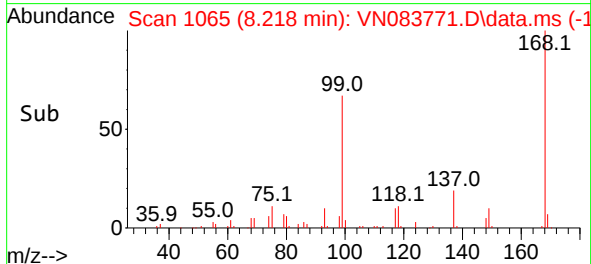
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#01



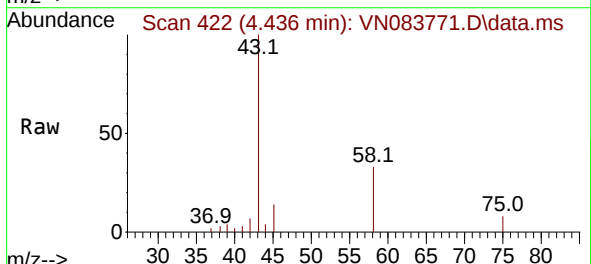
Tgt Ion:168 Resp: 9763
Ion Ratio Lower Upper
168 100
99 67.1 54.2 81.2

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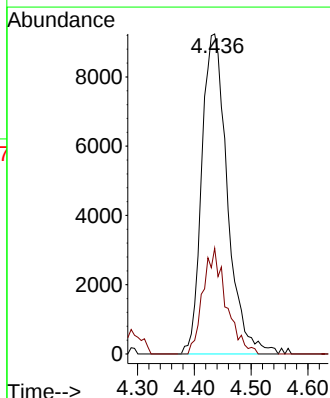
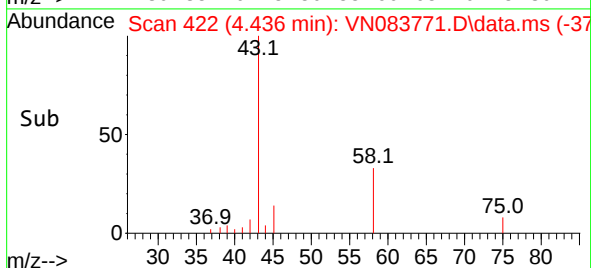
Reviewed By :John Carlone 09/11/2024
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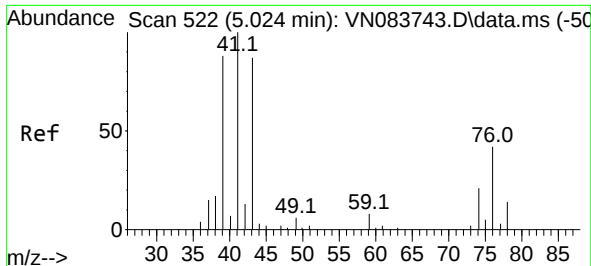


#16
Acetone
Concen: 48.941 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50



Tgt Ion: 43 Resp: 28884
Ion Ratio Lower Upper
43 100
58 33.0 23.7 35.5





#18

Methyl Acetate

Concen: 2.839 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN083771.D

Acq: 11 Sep 2024 04:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#01

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

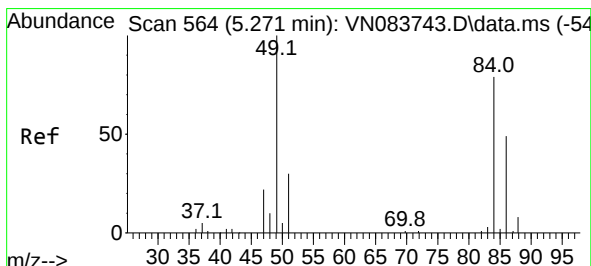
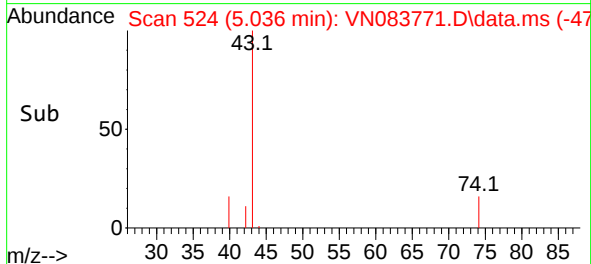
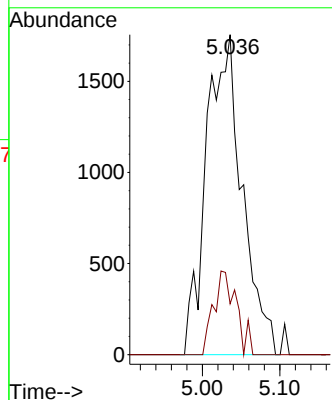
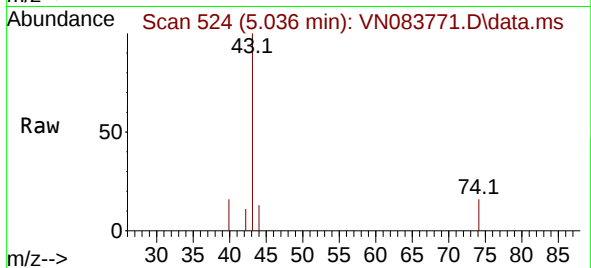
74 16.5 19.0 28.4

Manual Integrations

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#20

Methylene Chloride

Concen: 4.461 ug/l m

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN083771.D

Acq: 11 Sep 2024 04:50

Tgt Ion: 84 Resp: 5388

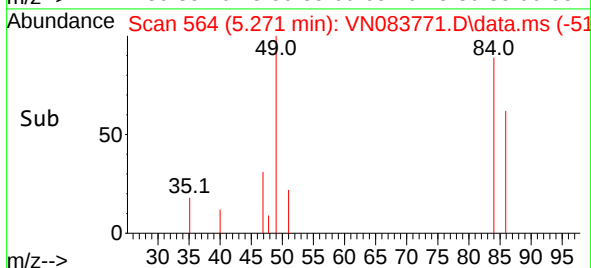
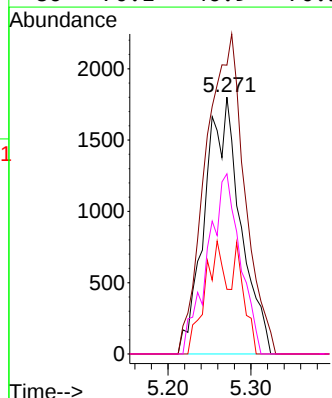
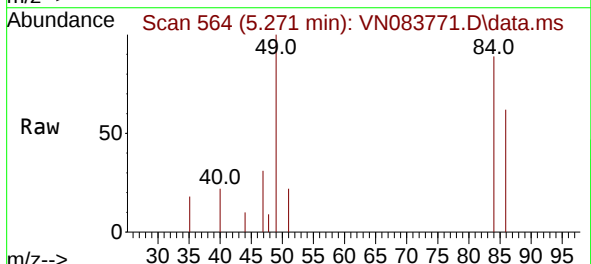
Ion Ratio Lower Upper

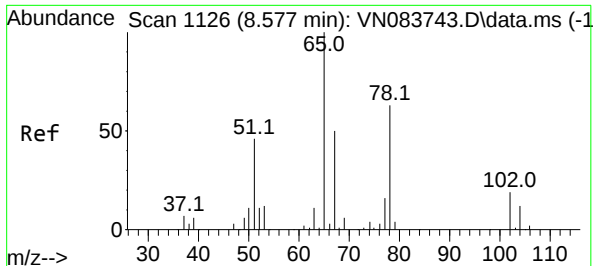
84 100

49 112.4 93.4 140.0

51 25.2 29.2 43.8

86 70.1 46.9 70.3





#33

1,2-Dichloroethane-d4

Concen: 67.030 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083771.D

Acq: 11 Sep 2024 04:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#01

Tgt Ion: 65 Resp: 9868

Ion Ratio Lower Upper

65 100

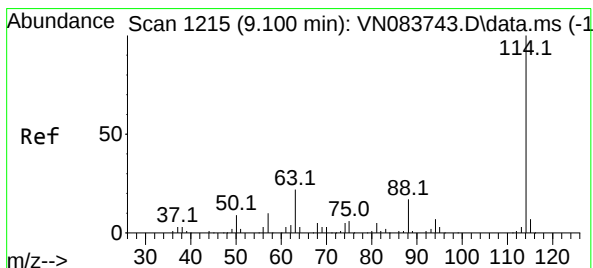
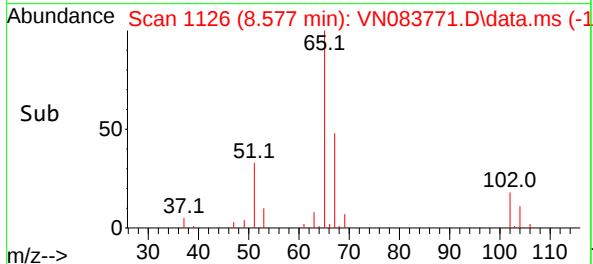
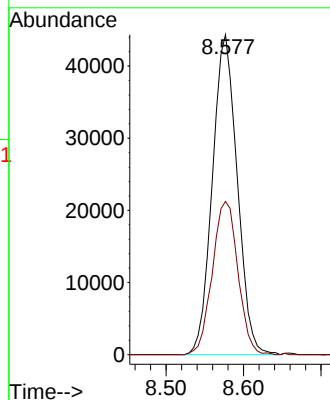
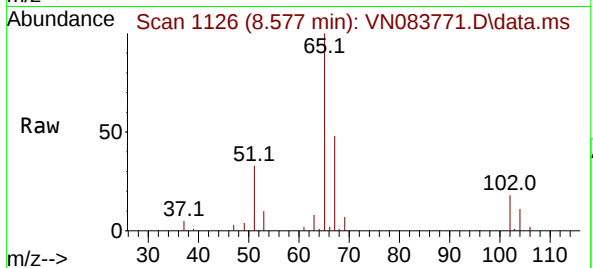
67 49.4 0.0 100.8

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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: VN083771.D

Acq: 11 Sep 2024 04:50

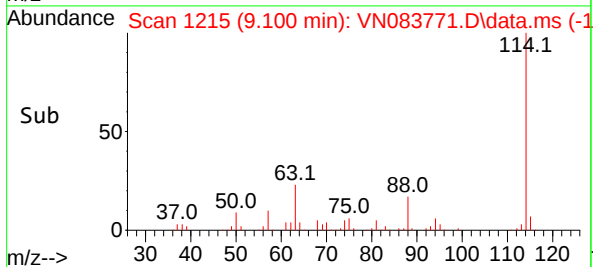
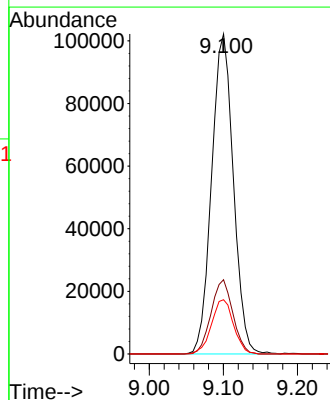
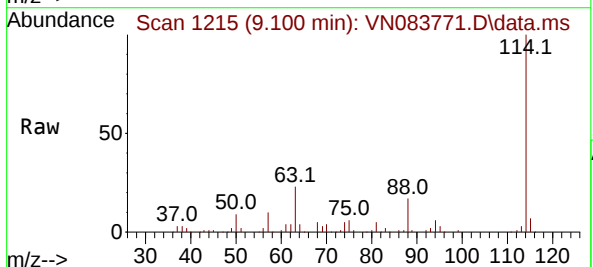
Tgt Ion:114 Resp: 208213

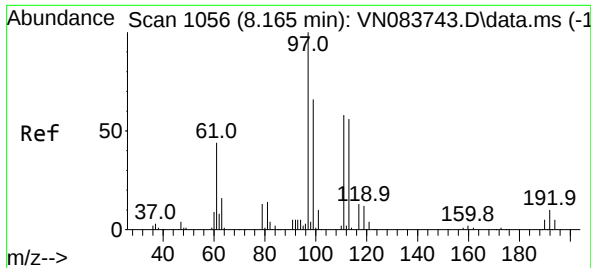
Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

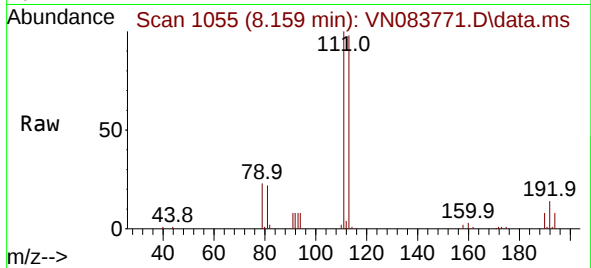
88 17.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 59.407 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

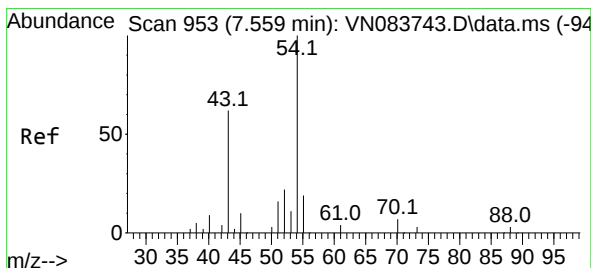
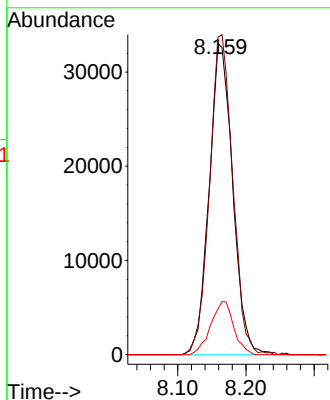
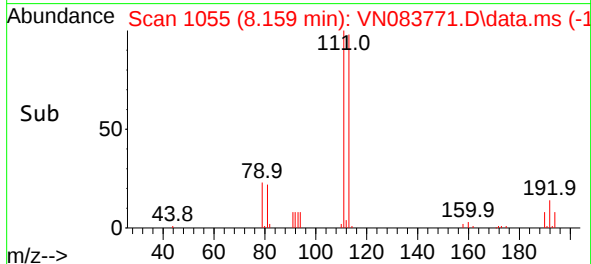
Instrument :
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ClientSampleId :
PB163204ZHE#01



Tgt Ion: 113 Resp: 7918
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 16.7 14.3 21.5

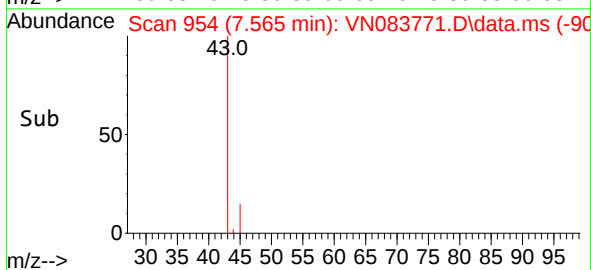
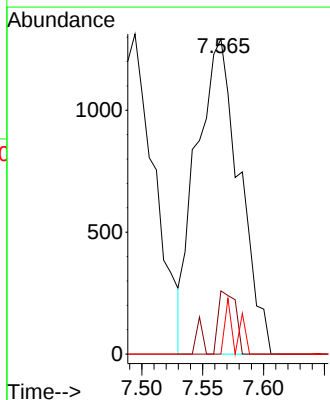
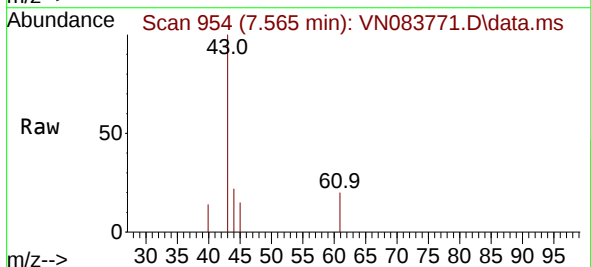
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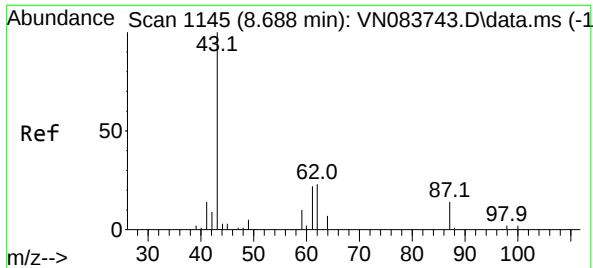
Reviewed By :John Carlone 09/11/2024
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#37
Ethyl Acetate
Concen: 1.748 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

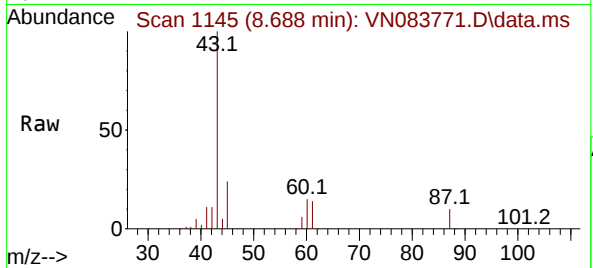
Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
61 8.0 11.1 16.7#
70 4.4 8.8 13.2#





#43
Isopropyl Acetate
Concen: 81.334 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

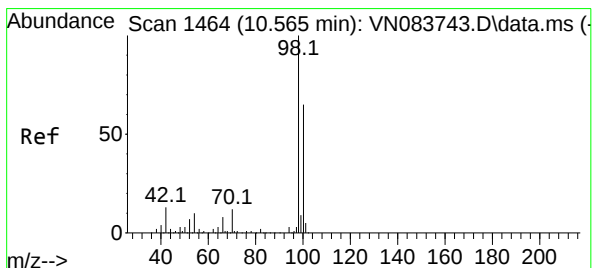
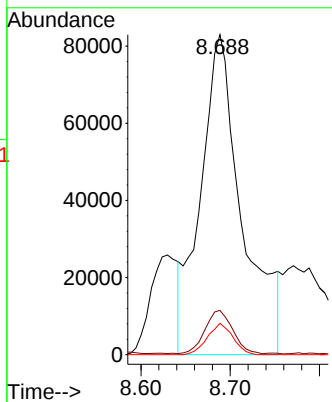
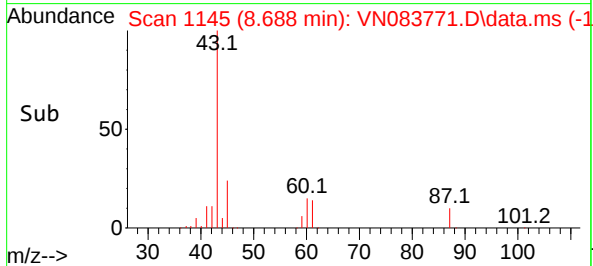
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#01



Tgt Ion: 43 Resp: 268412
Ion Ratio Lower Upper
43 100
61 9.1 19.4 29.0
87 6.0 9.8 14.6

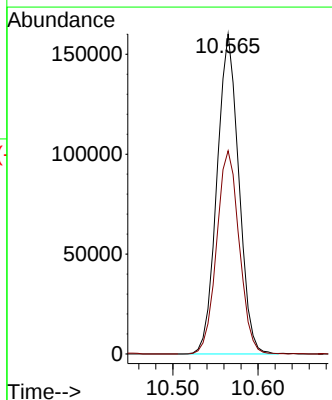
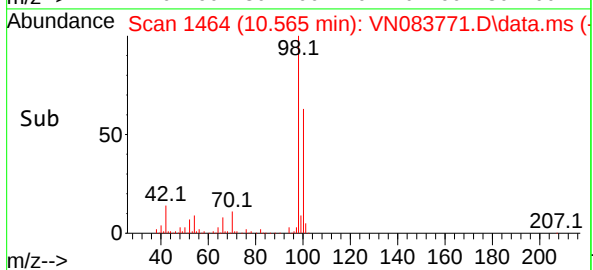
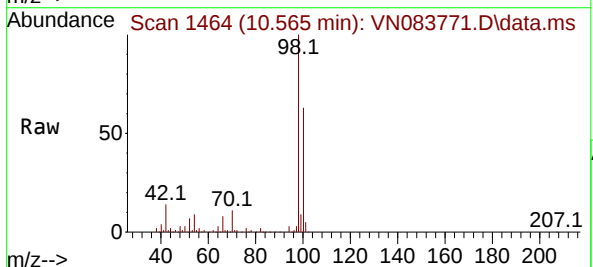
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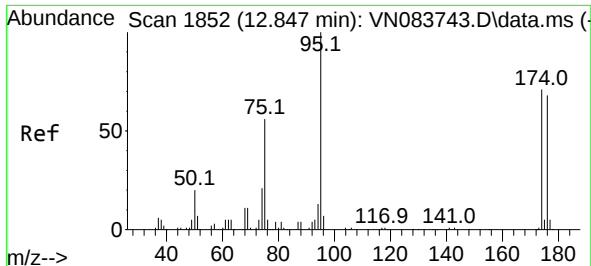
Reviewed By :John Carlone 09/11/2024
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#50
Toluene-d8
Concen: 61.791 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

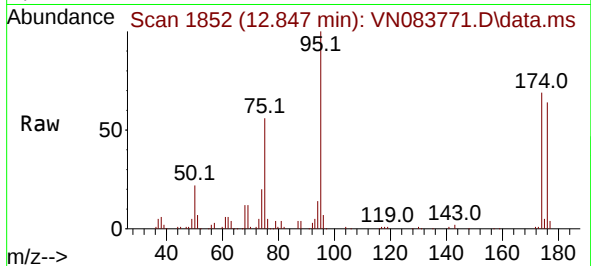
Tgt Ion: 98 Resp: 284737
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 70.418 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50

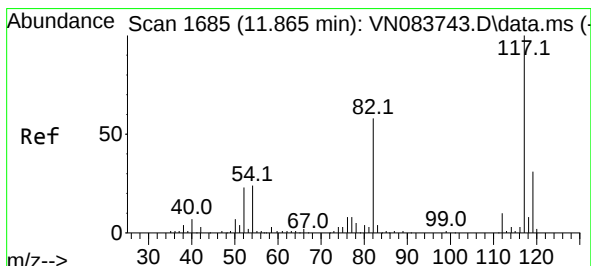
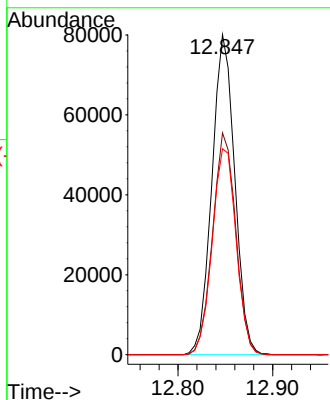
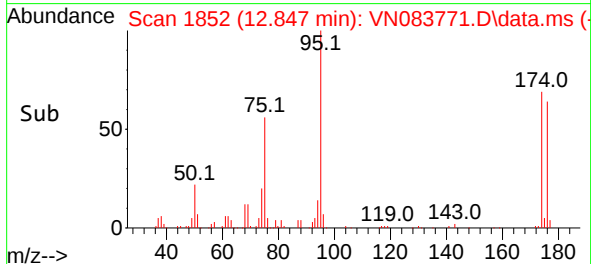
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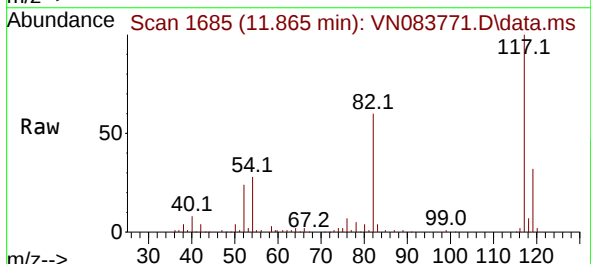
Tgt Ion: 95 Resp: 13387
Ion Ratio Lower Upper
95 100
174 70.5 0.0 139.8
176 67.6 0.0 131.4

Manual Integrations
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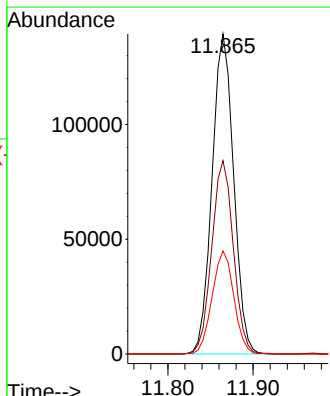
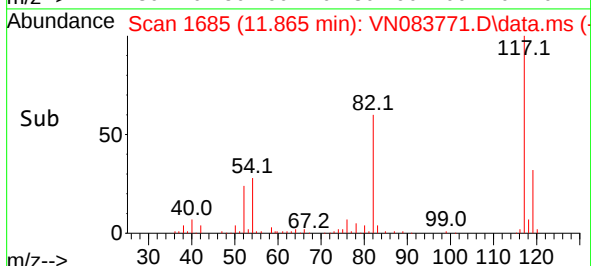
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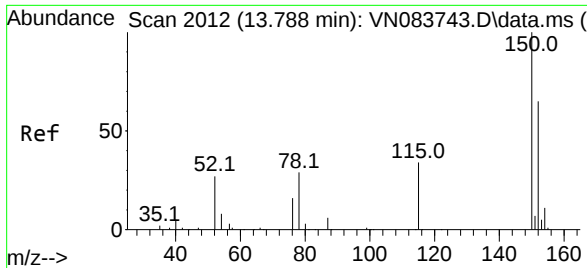


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083771.D
Acq: 11 Sep 2024 04:50



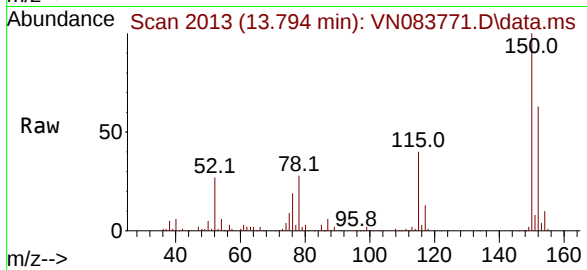
Tgt Ion:117 Resp: 245297
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083771.D
 Acq: 11 Sep 2024 04:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#01



Tgt Ion:152 Resp: 118912
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.2 96.6
 150 156.6 0.0 348.6

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