

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083775.D
 Acq On : 11 Sep 2024 06:26
 Operator : JC\MD
 Sample : PB163204ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 06:52:44 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	95937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	213548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98574	68.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 136.280%#			
35) Dibromofluoromethane	8.165	113	77365	56.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.180%			
50) Toluene-d8	10.565	98	290118	61.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.780%#			
62) 4-Bromofluorobenzene	12.847	95	135422	69.451	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 138.900%#			
Target Compounds					Qvalue	
16) Acetone	4.430	43	29836	51.450	ug/l	90
18) Methyl Acetate	5.018	43	8814	5.649	ug/l	96
20) Methylene Chloride	5.271	84	7032	5.926	ug/l	93
43) Isopropyl Acetate	8.688	43	315761m	93.292	ug/l	

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

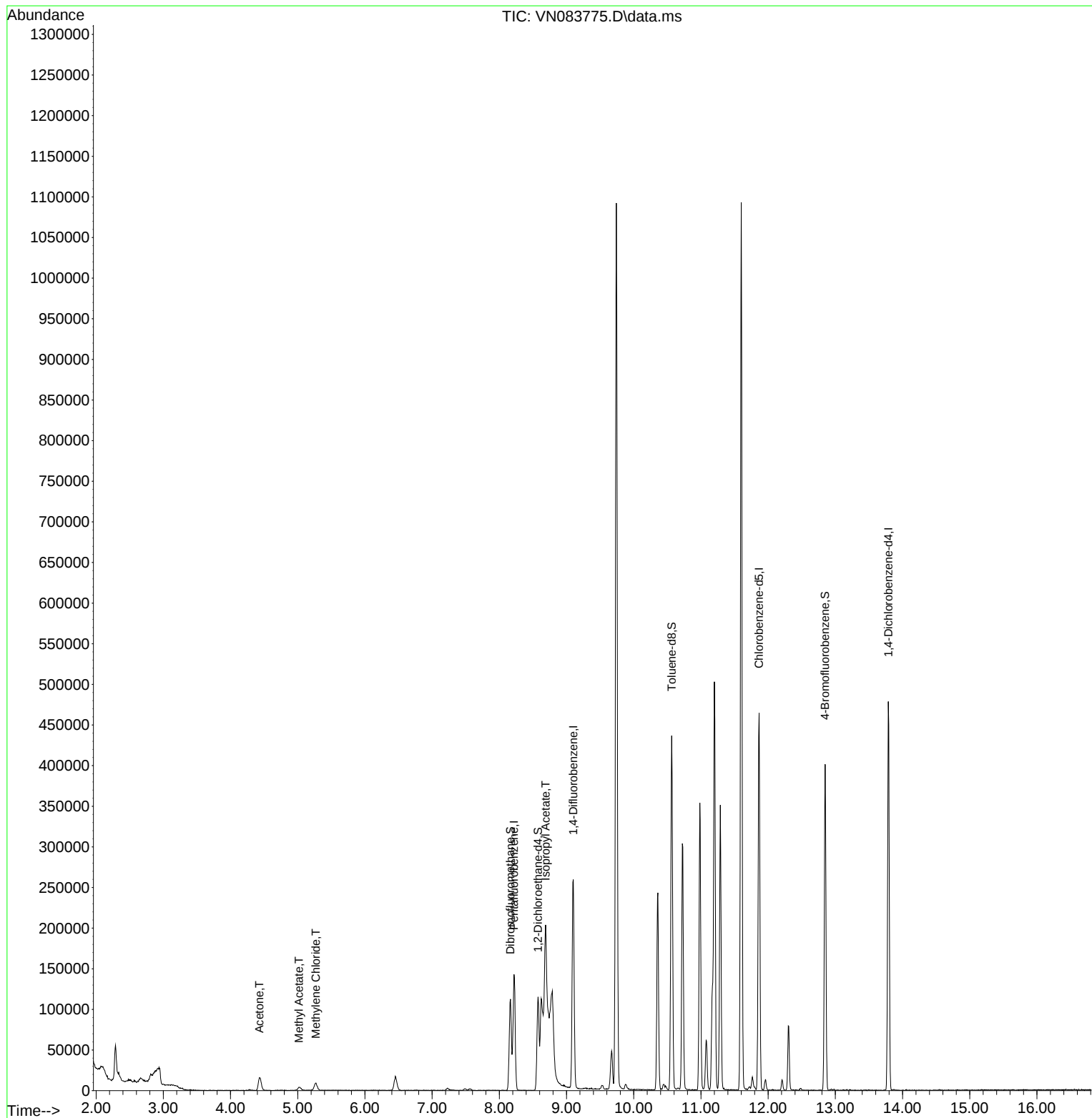
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
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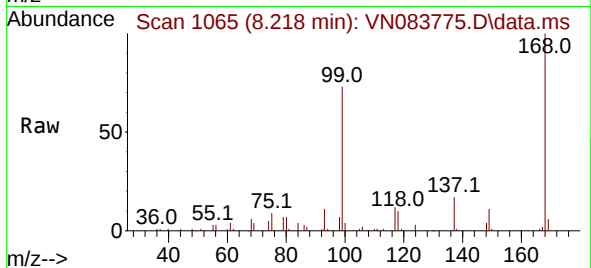
Quant Time: Sep 11 06:52:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26

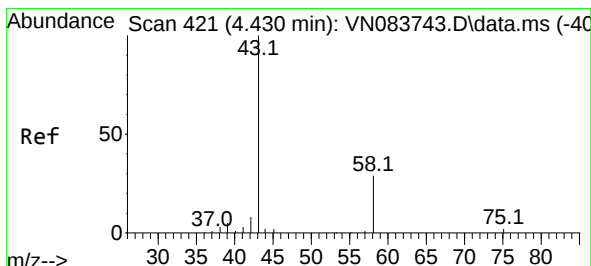
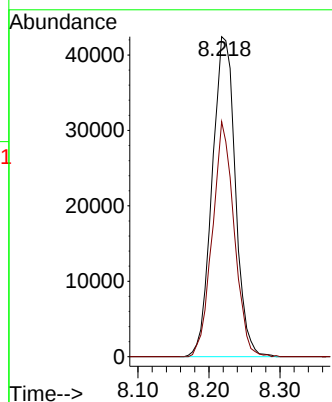
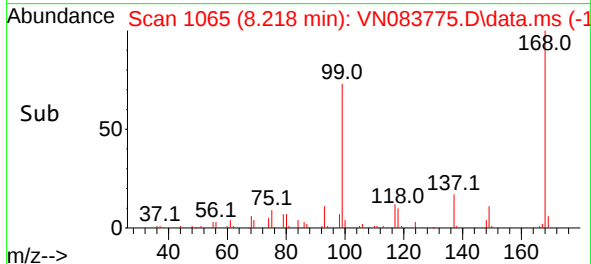
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#05



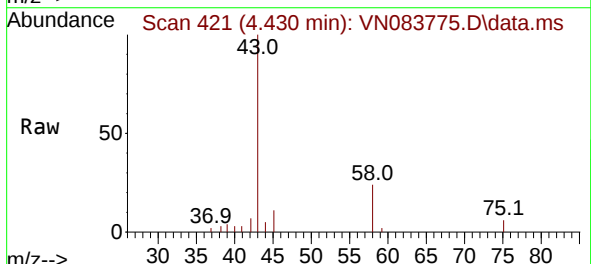
Tgt Ion:168 Resp: 9593
Ion Ratio Lower Upper
168 100
99 73.5 54.2 81.2

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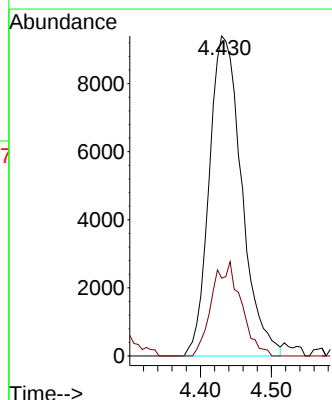
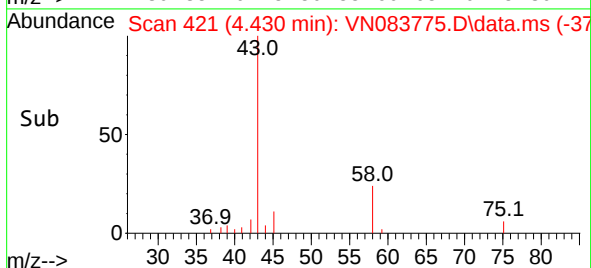
Reviewed By :John Carlone 09/11/2024
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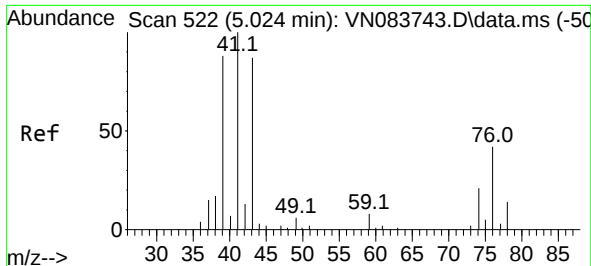


#16
Acetone
Concen: 51.450 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26



Tgt Ion: 43 Resp: 29836
Ion Ratio Lower Upper
43 100
58 24.3 23.7 35.5





#18

Methyl Acetate

Concen: 5.649 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#05

Tgt Ion: 43 Resp: 8814

Ion Ratio Lower Upper

43 100

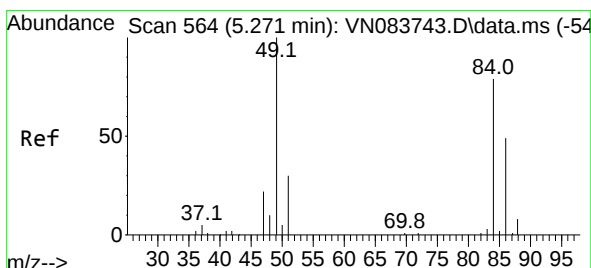
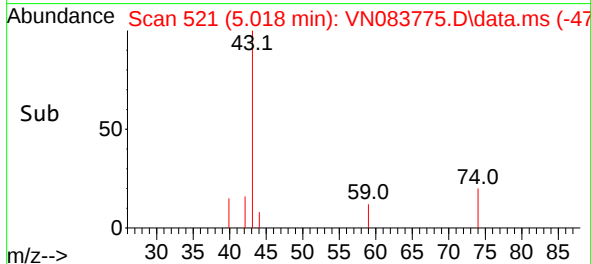
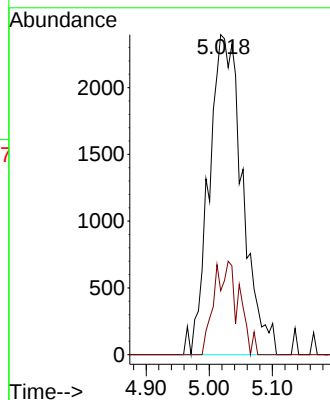
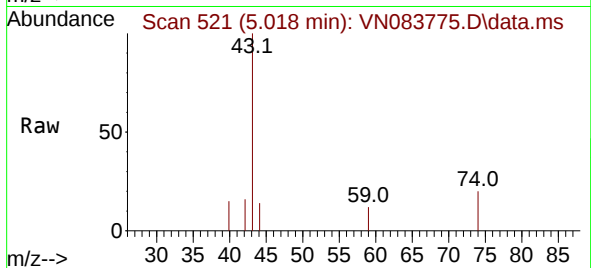
74 21.6 19.0 28.4

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#20

Methylene Chloride

Concen: 5.926 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

Tgt Ion: 84 Resp: 7032

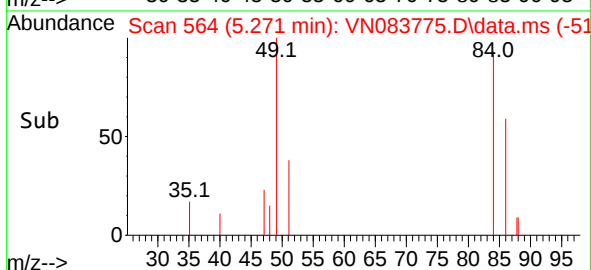
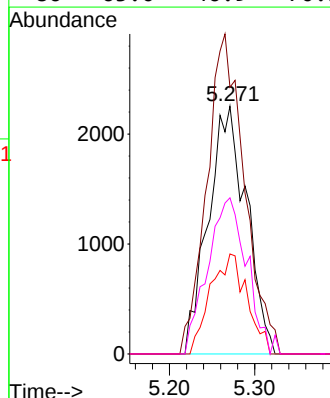
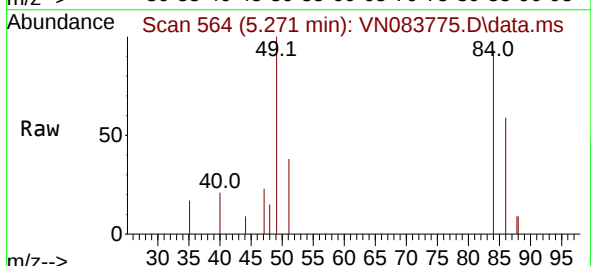
Ion Ratio Lower Upper

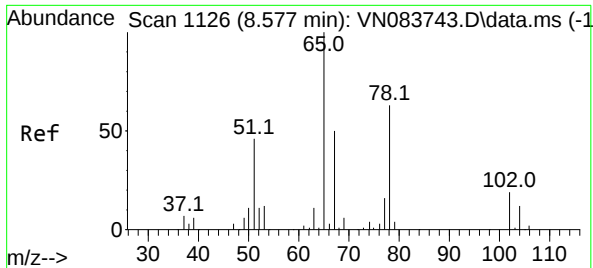
84 100

49 107.6 93.4 140.0

51 40.4 29.2 43.8

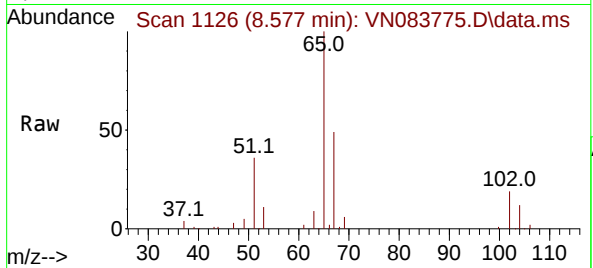
86 63.0 46.9 70.3





#33
1,2-Dichloroethane-d4
Concen: 68.142 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26

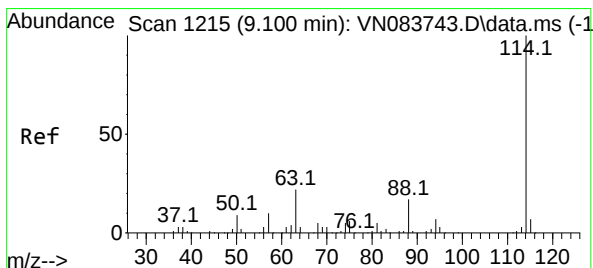
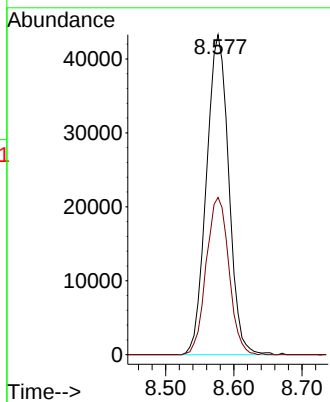
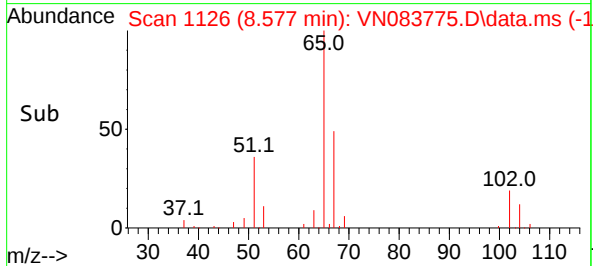
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#05



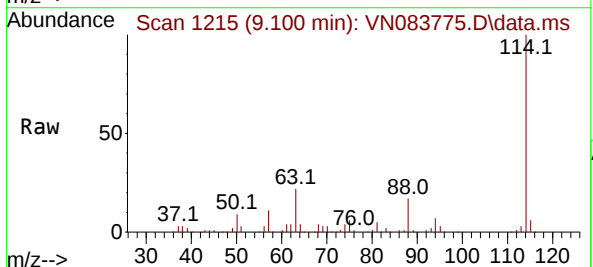
Tgt Ion: 65 Resp: 98574
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.8

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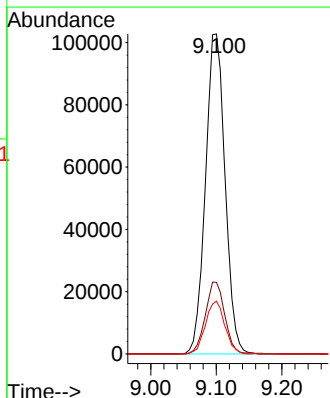
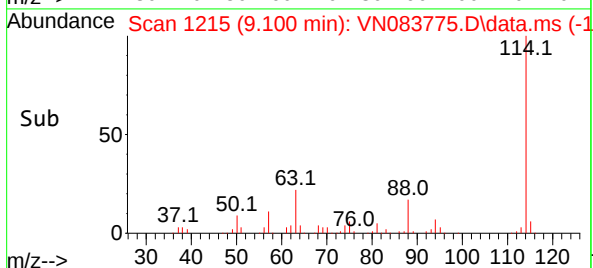
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26



Tgt Ion:114 Resp: 213548
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.4
88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.590 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#05

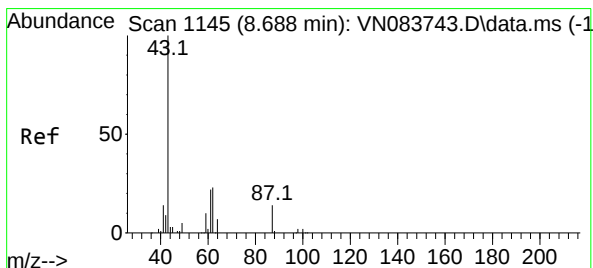
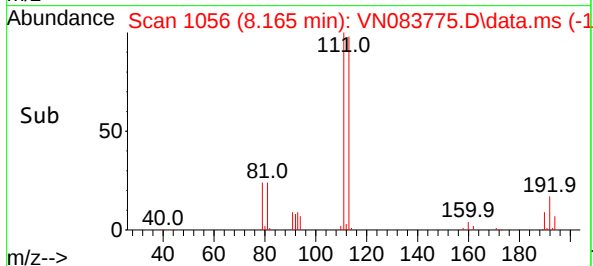
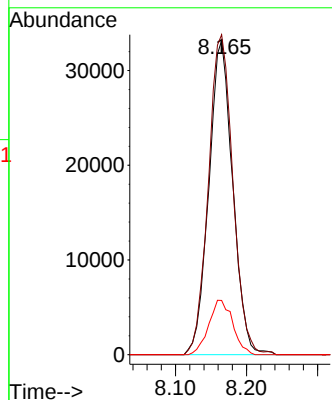
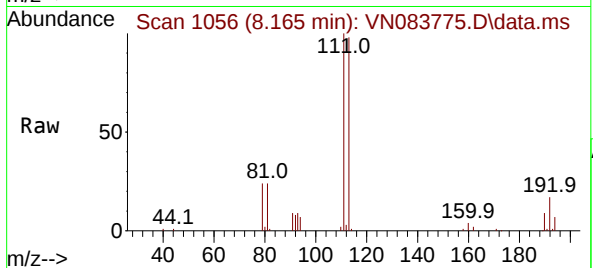
Tgt Ion:	113	Resp:	7736
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.6	124.0
192	17.5	14.3	21.5

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#43

Isopropyl Acetate

Concen: 93.292 ug/l m

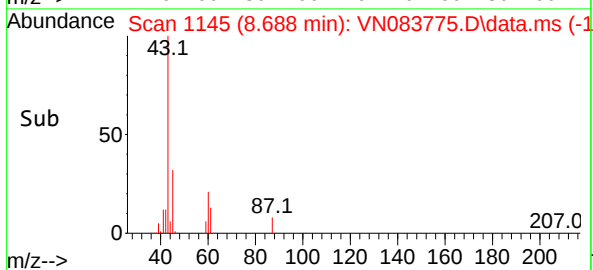
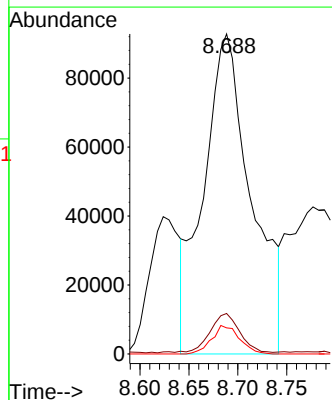
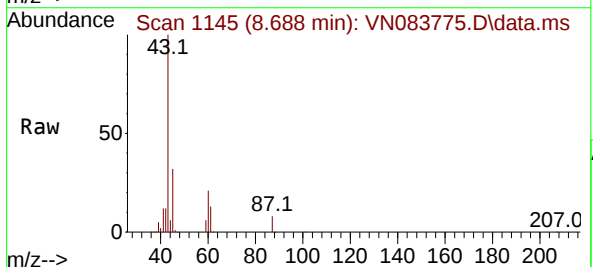
RT: 8.688 min Scan# 1145

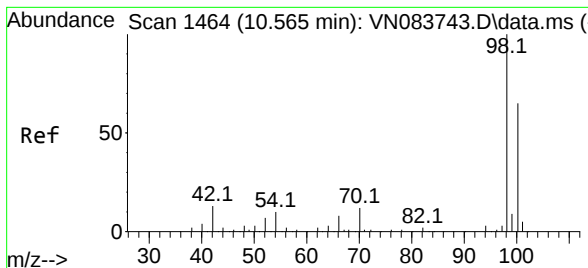
Delta R.T. 0.000 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

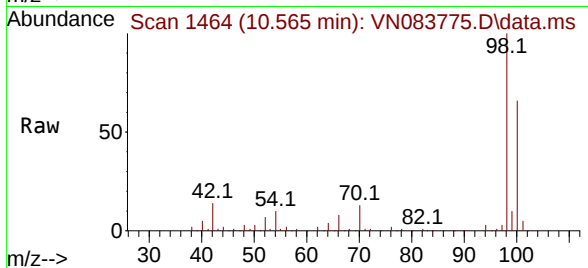
Tgt Ion:	43	Resp:	315761
Ion Ratio	Lower	Upper	
43	100		
61	7.9	19.4	29.0#
87	5.2	9.8	14.6#





#50
Toluene-d8
Concen: 61.385 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26

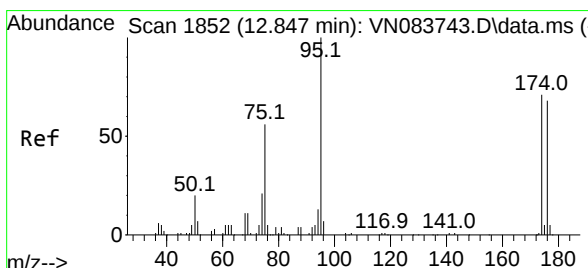
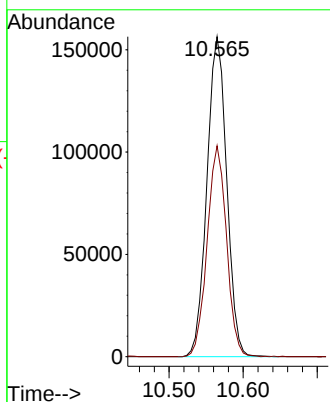
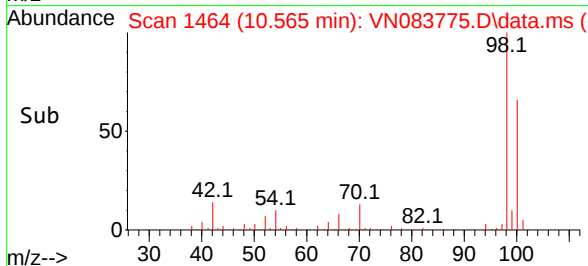
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#05



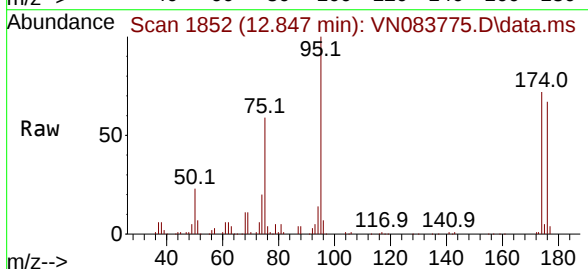
Tgt Ion: 98 Resp: 290118
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

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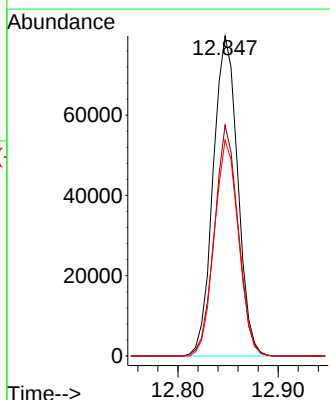
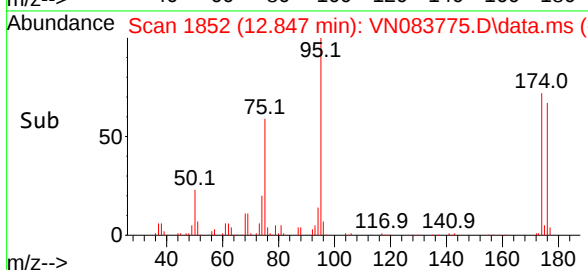
Reviewed By :John Carlone 09/11/2024
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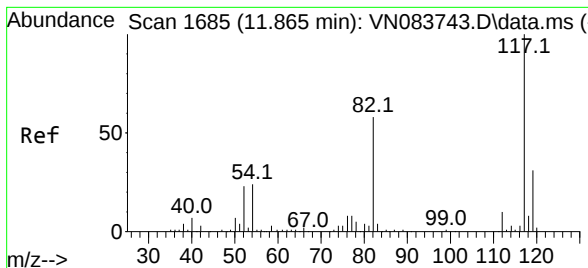


#62
4-Bromofluorobenzene
Concen: 69.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083775.D
Acq: 11 Sep 2024 06:26



Tgt Ion: 95 Resp: 135422
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#05

Tgt Ion:117 Resp: 25013

Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.0

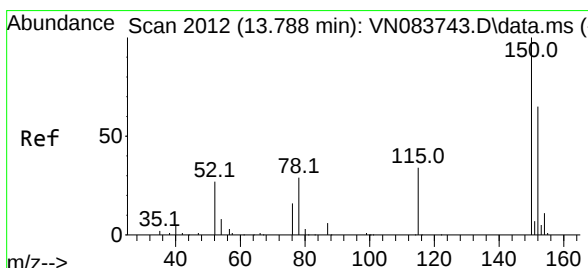
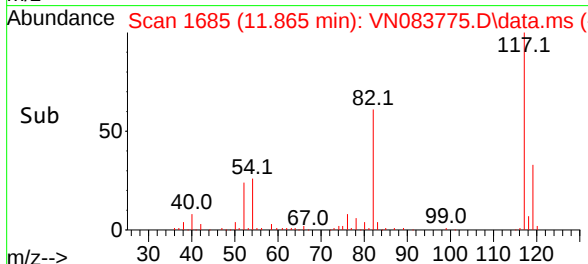
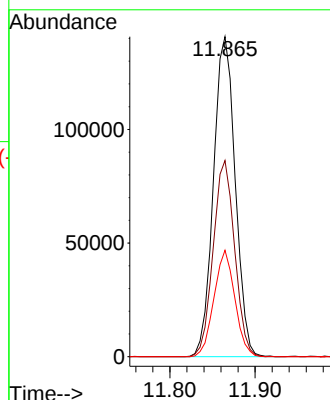
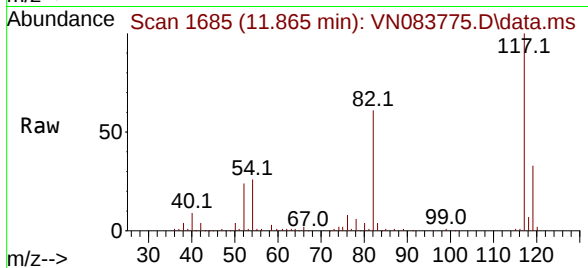
119 33.3 26.3 39.5

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083775.D

Acq: 11 Sep 2024 06:26

Tgt Ion:152 Resp: 121289

Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

150 156.3 0.0 348.6

