

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083781.D
 Acq On : 11 Sep 2024 08:50
 Operator : JC\MD
 Sample : PB163204ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163204ZHE#11

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 09:17:01 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	92087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96719	69.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 139.320%#			
35) Dibromofluoromethane	8.159	113	76439	57.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.840%			
50) Toluene-d8	10.565	98	278877	61.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.260%#			
62) 4-Bromofluorobenzene	12.847	95	135127	71.792	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 143.580%#			
Target Compounds					Qvalue	
16) Acetone	4.430	43	36477	65.532	ug/l	94
18) Methyl Acetate	5.024	43	9734	6.789	ug/l	94
20) Methylene Chloride	5.271	84	7726	6.783	ug/l #	82
25) 2-Butanone	7.494	43	4393	6.005	ug/l	99
37) Ethyl Acetate	7.559	43	3158	1.752	ug/l #	81
43) Isopropyl Acetate	8.688	43	299458m	91.657	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	9135	5.136	ug/l #	69

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

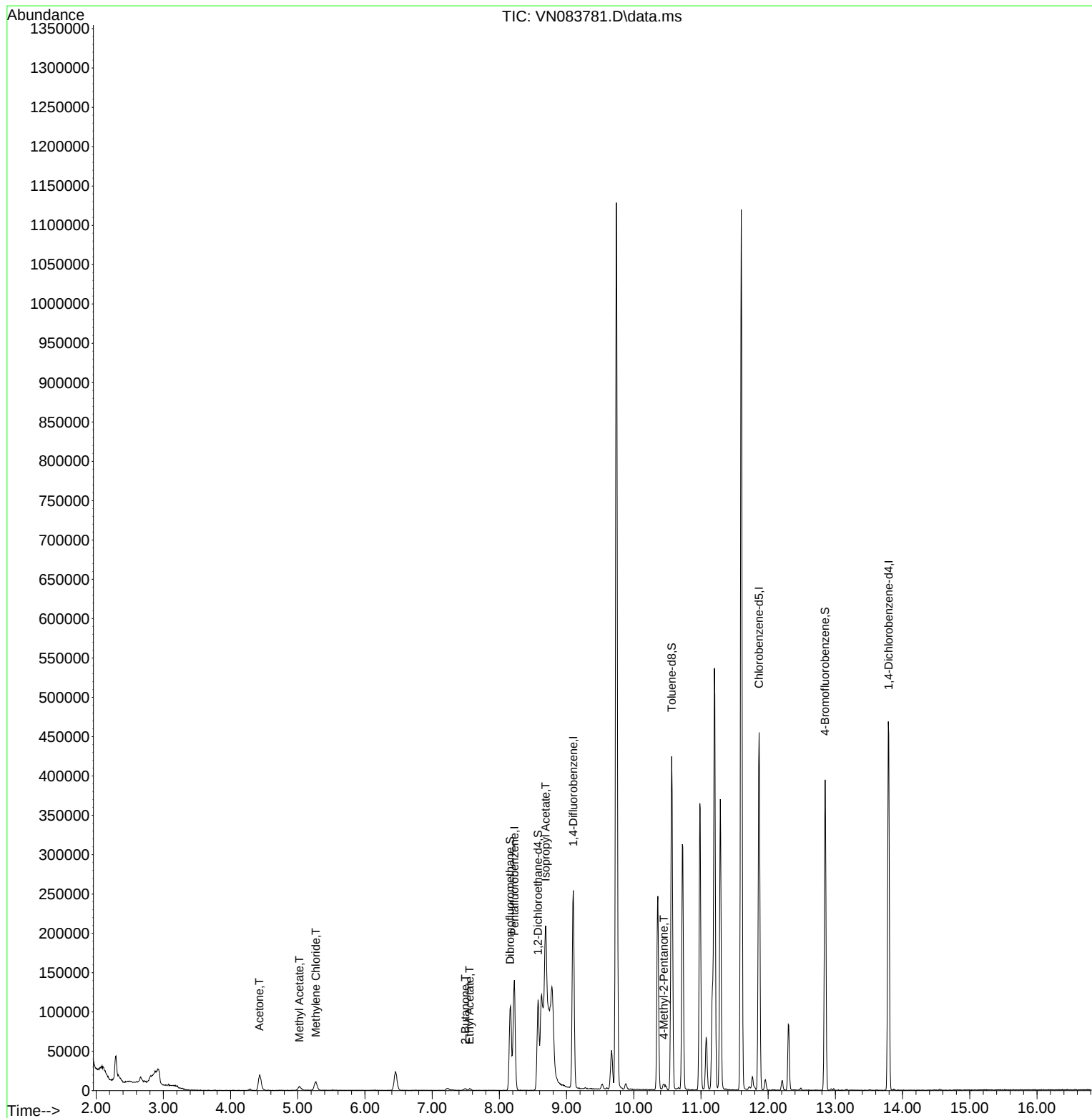
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083781.D
Acq On : 11 Sep 2024 08:50
Operator : JC\MD
Sample : PB163204ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

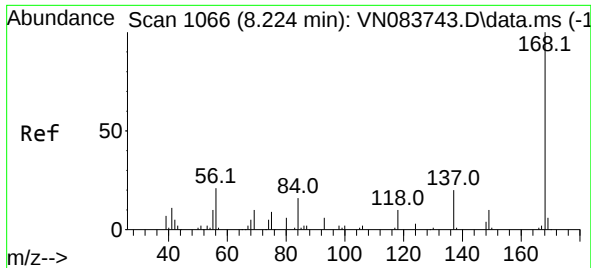
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11

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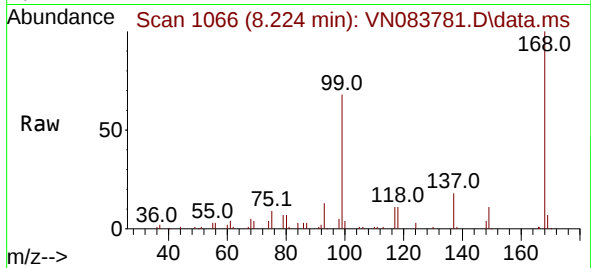
Quant Time: Sep 11 09:17:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 03:05:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

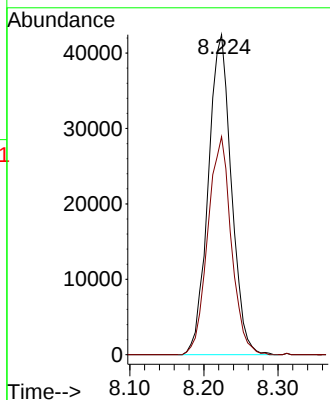
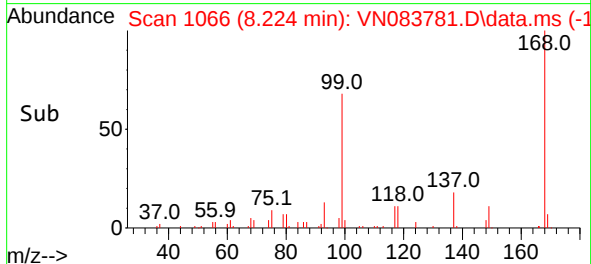
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



Tgt Ion:168 Resp: 9208
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2

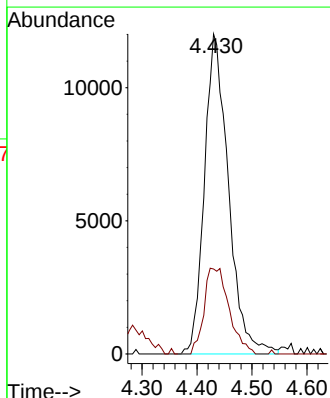
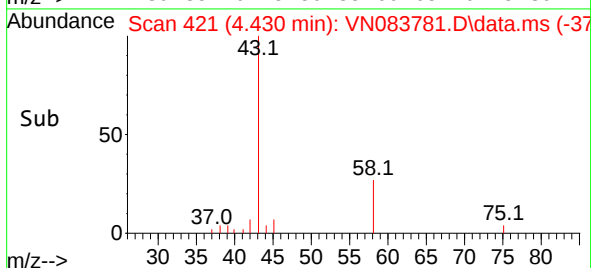
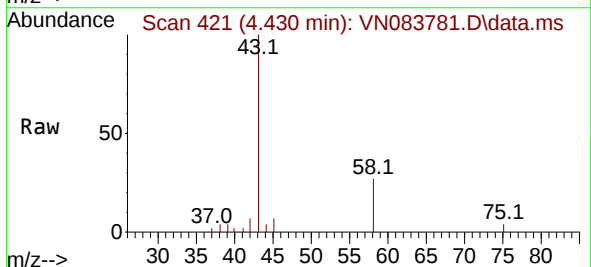
Manual Integrations
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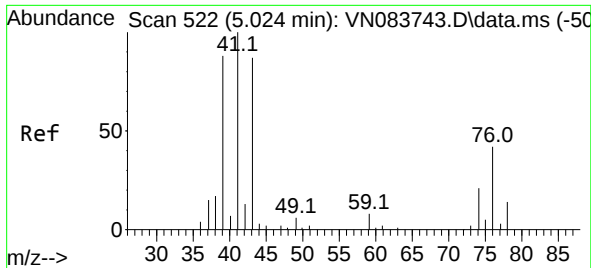
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 65.532 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

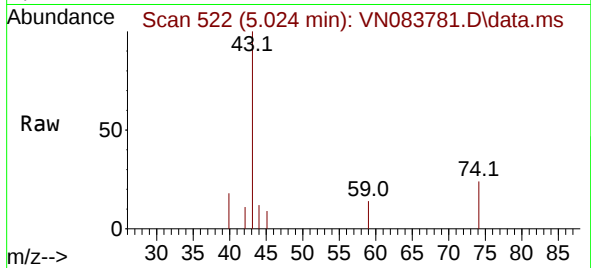
Tgt Ion: 43 Resp: 36477
Ion Ratio Lower Upper
43 100
58 26.5 23.7 35.5





#18
Methyl Acetate
Concen: 6.789 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

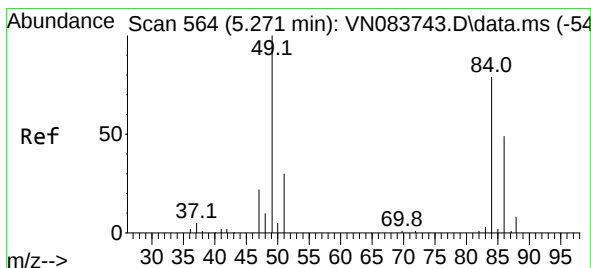
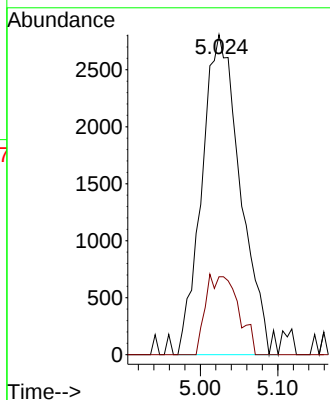
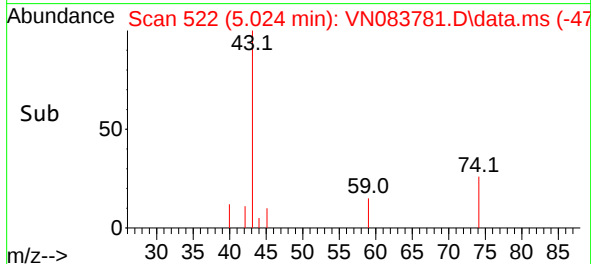
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



Tgt Ion: 43 Resp: 9734
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.4

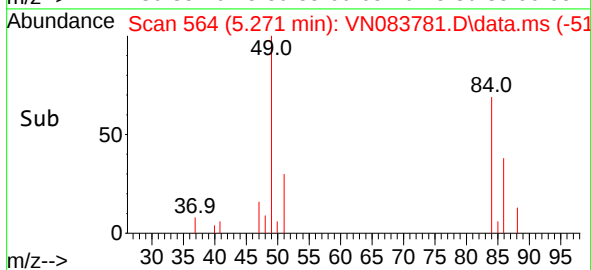
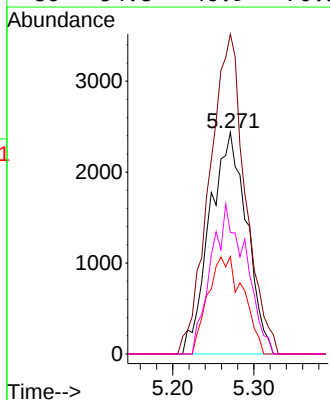
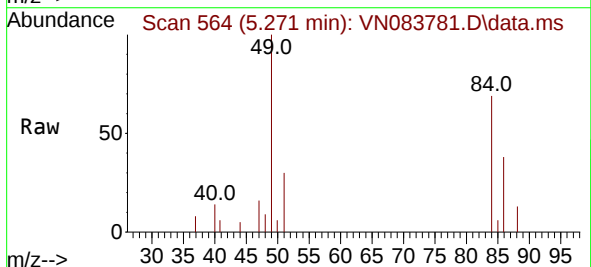
Manual Integrations
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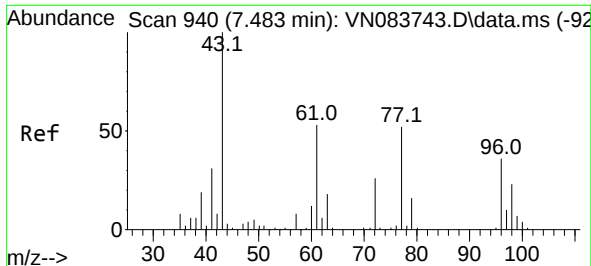
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 6.783 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

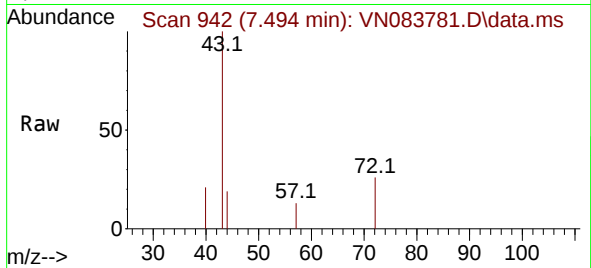
Tgt Ion: 84 Resp: 7726
Ion Ratio Lower Upper
84 100
49 144.4 93.4 140.0#
51 44.0 29.2 43.8#
86 54.8 46.9 70.3





#25
2-Butanone
Concen: 6.005 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

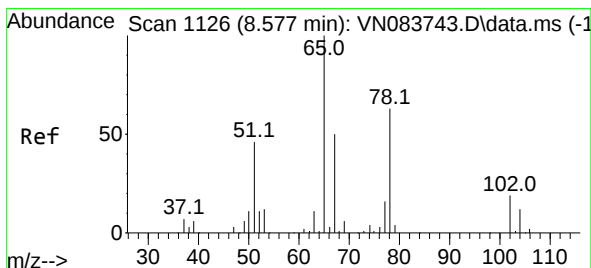
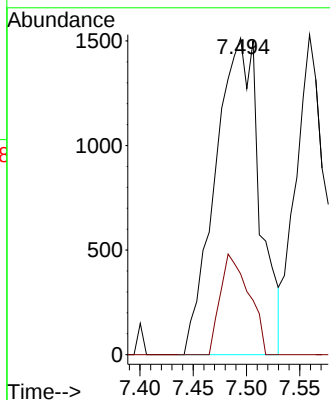
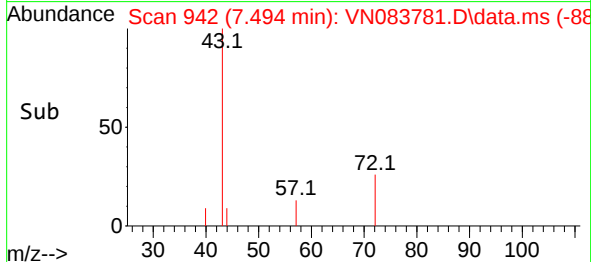
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
72 25.5 20.8 31.2

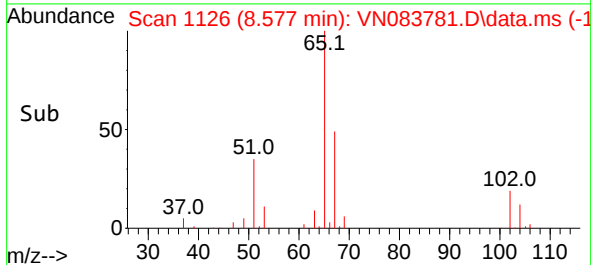
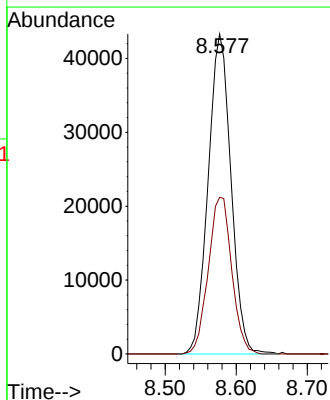
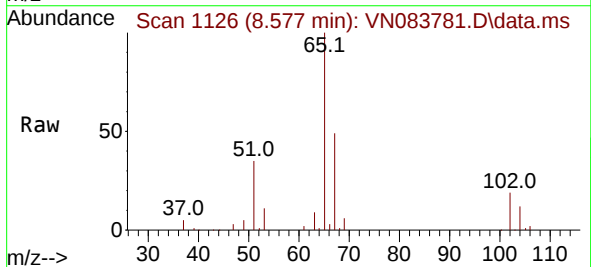
Manual Integrations
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#33
1,2-Dichloroethane-d4
Concen: 69.655 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Tgt Ion: 65 Resp: 96719
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: VN083781.D

Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

PB163204ZHE#11

Tgt Ion:114 Resp: 206134

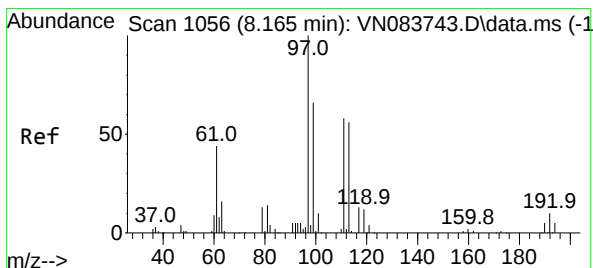
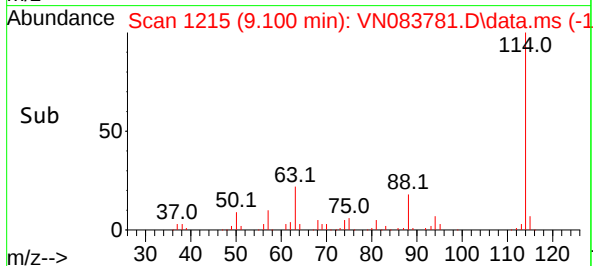
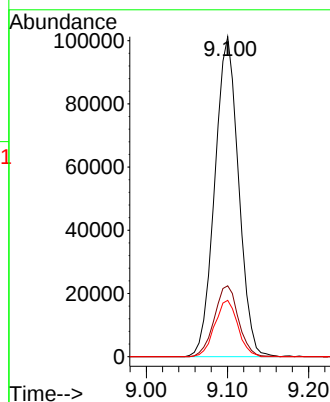
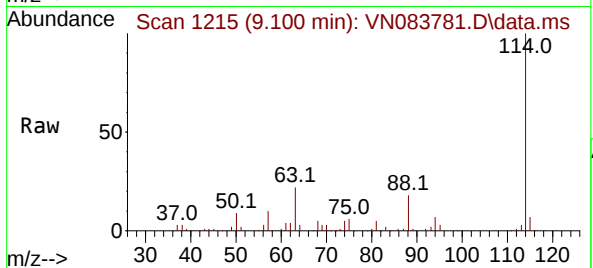
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.4
88	17.6	0.0	32.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/11/2024



#35

Dibromofluoromethane

Concen: 57.924 ug/l

RT: 8.159 min Scan# 1055

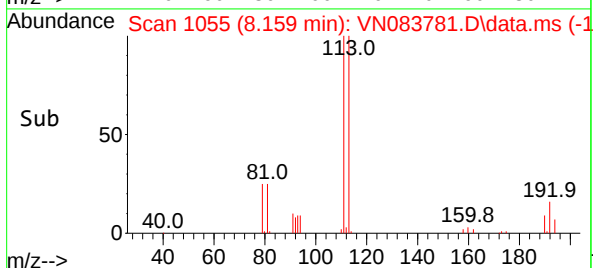
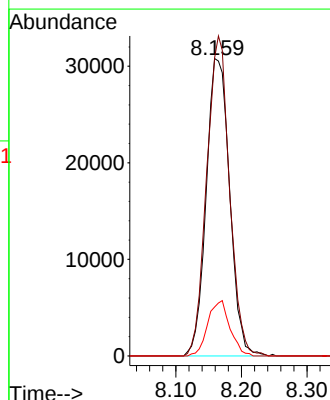
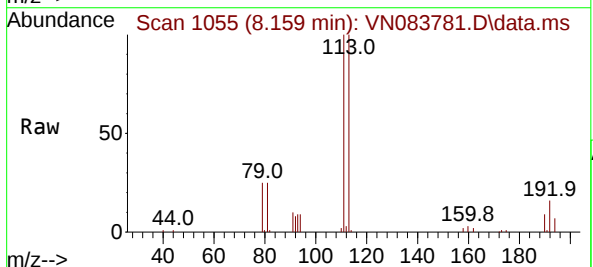
Delta R.T. -0.006 min

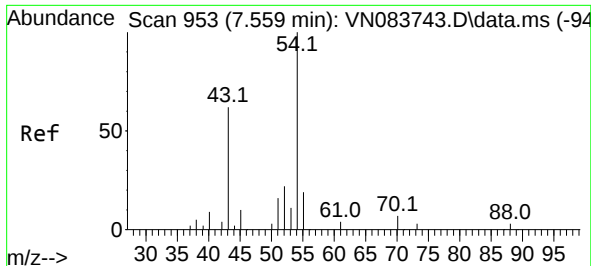
Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

Tgt Ion:113 Resp: 76439

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	17.6	14.3	21.5





#37

Ethyl Acetate

Concen: 1.752 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083781.D

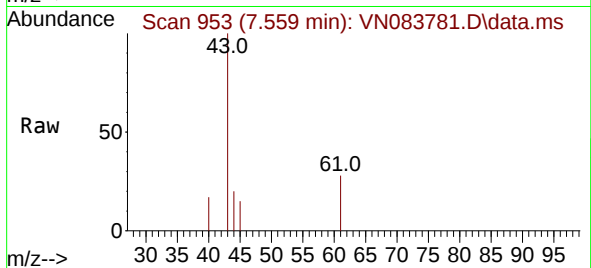
Acq: 11 Sep 2024 08:50

Instrument :

MSVOA_N

ClientSampleId :

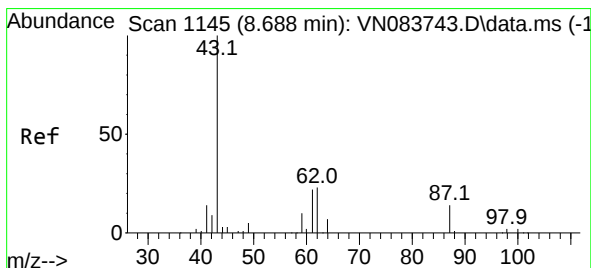
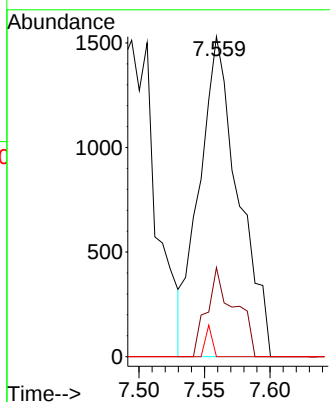
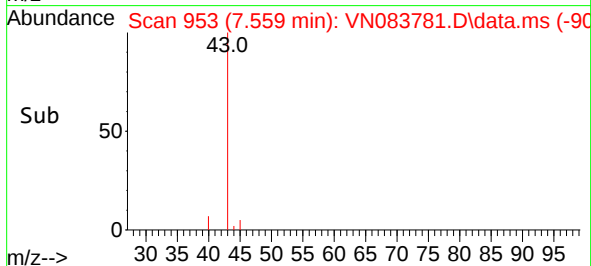
PB163204ZHE#11



Tgt Ion:	43	Resp:	3158
Ion Ratio	Lower	Upper	
43	100		
61	20.0	11.1	16.7
70	1.7	8.8	13.2

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#43

Isopropyl Acetate

Concen: 91.657 ug/l m

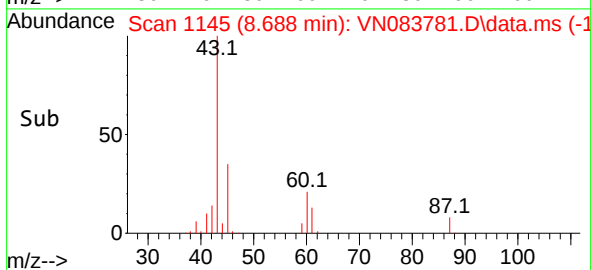
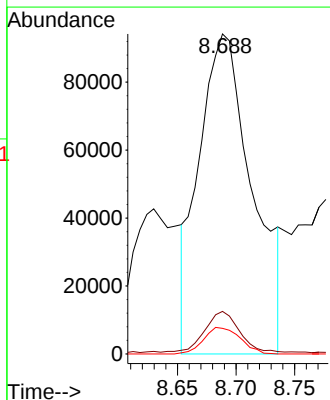
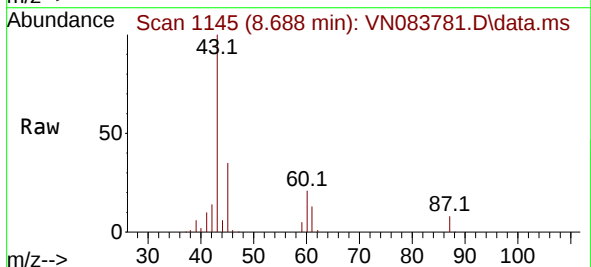
RT: 8.688 min Scan# 1145

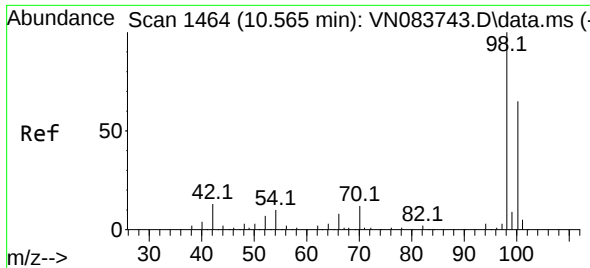
Delta R.T. 0.000 min

Lab File: VN083781.D

Acq: 11 Sep 2024 08:50

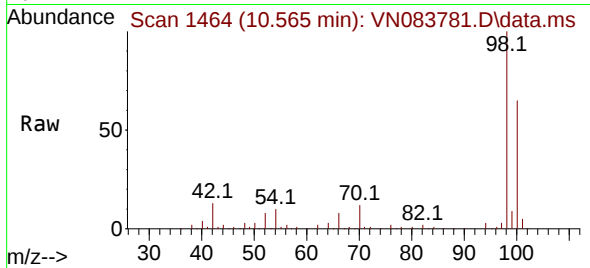
Tgt Ion:	43	Resp:	299458
Ion Ratio	Lower	Upper	
43	100		
61	9.5	19.4	29.0#
87	5.7	9.8	14.6#





#50
Toluene-d8
Concen: 61.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

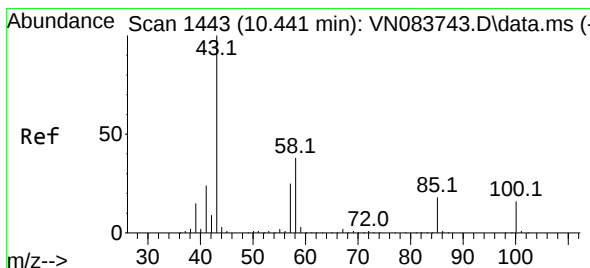
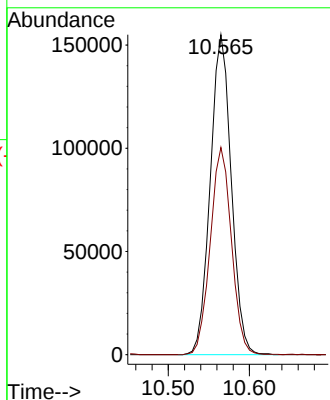
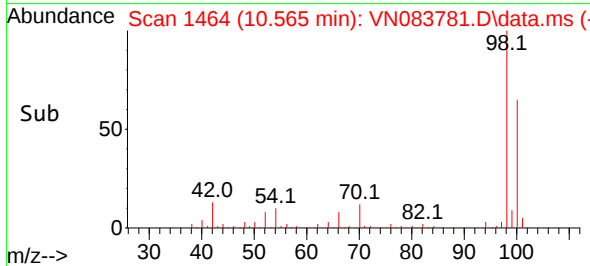
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



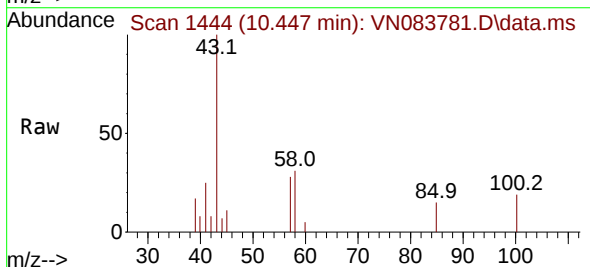
Tgt Ion: 98 Resp: 27887
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

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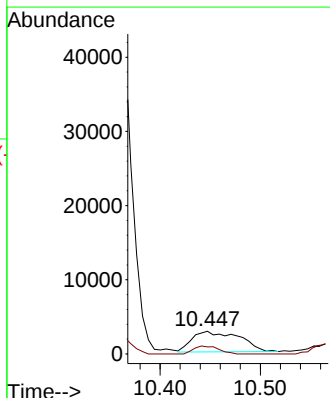
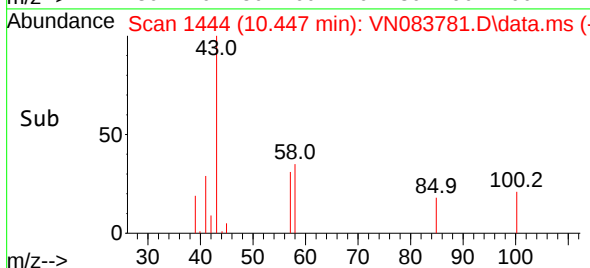
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

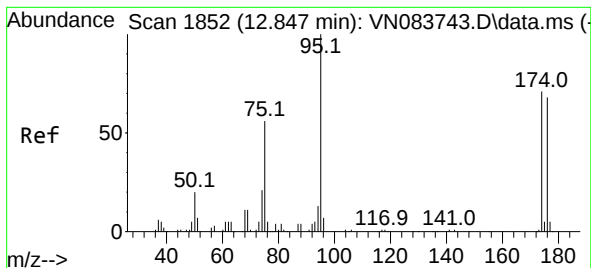


#51
4-Methyl-2-Pentanone
Concen: 5.136 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50



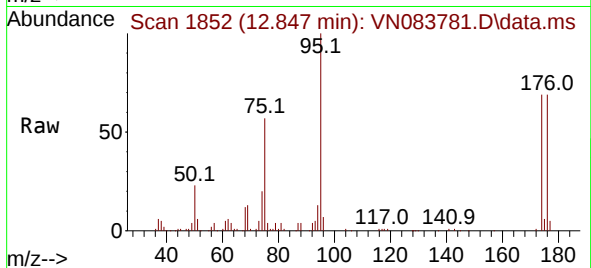
Tgt Ion: 43 Resp: 9135
Ion Ratio Lower Upper
43 100
58 20.3 31.6 47.4#





#62
4-Bromofluorobenzene
Concen: 71.792 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

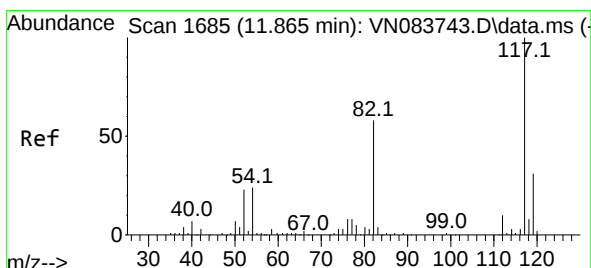
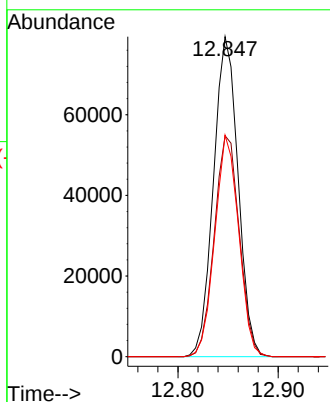
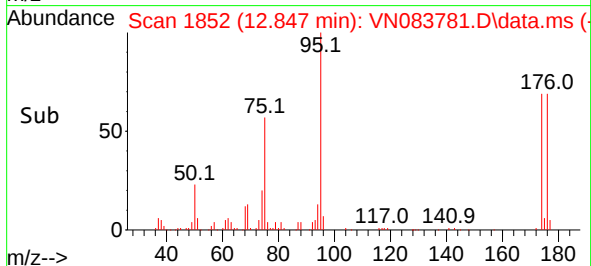
Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



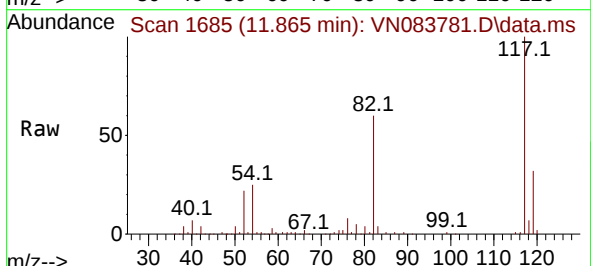
Tgt Ion: 95 Resp: 135127
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 67.3 0.0 131.4

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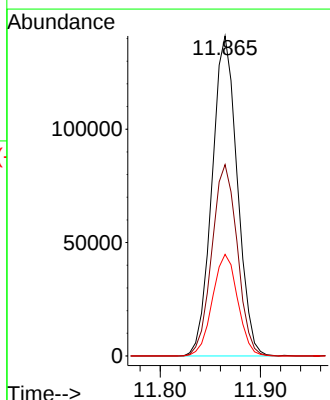
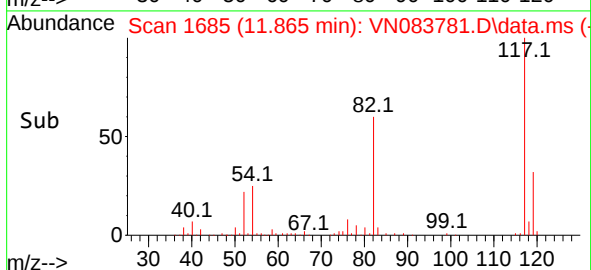
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

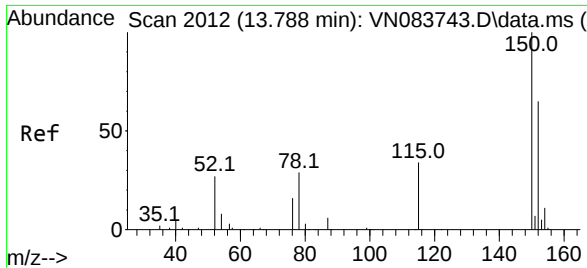


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50



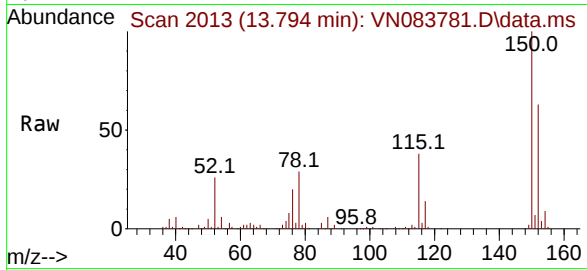
Tgt Ion:117 Resp: 246274
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 31.8 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083781.D
Acq: 11 Sep 2024 08:50

Instrument :
MSVOA_N
ClientSampleId :
PB163204ZHE#11



Tgt Ion:152 Resp: 119320
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 160.6 0.0 348.6

Manual Integrations
APPROVED

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

