

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084206.D
 Acq On : 27 Sep 2024 16:18
 Operator : JC\MD
 Sample : PB163689ZHE#3
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163689ZHE#3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 28 01:00:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	180778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131695	48.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	8.165	113	100287	48.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	10.565	98	383010	54.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.040%		
62) 4-Bromofluorobenzene	12.847	95	129421	44.242	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.480%		
Target Compounds						
16) Acetone	4.430	43	63562	58.168	ug/l	100
20) Methylene Chloride	5.283	84	9117	4.077	ug/l	96
25) 2-Butanone	7.494	43	9036	6.291	ug/l	96
43) Isopropyl Acetate	8.688	43	230746m	45.442	ug/l	
51) 4-Methyl-2-Pentanone	10.441	43	14737m	5.332	ug/l	
95) Naphthalene	15.641	128	59172	9.136	ug/l	98

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

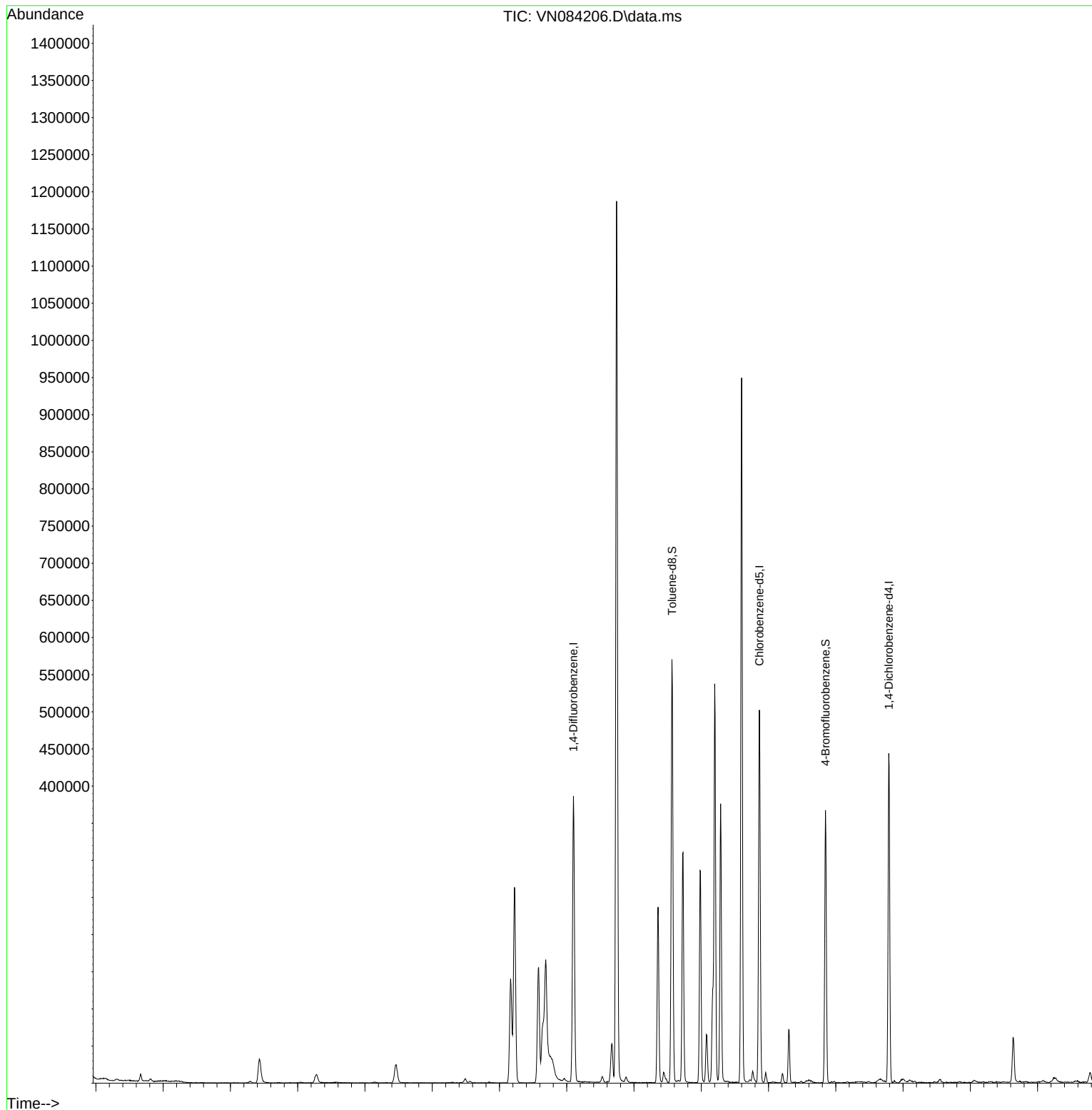
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
Data File : VN084206.D
Acq On : 27 Sep 2024 16:18
Operator : JC\MD
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ALS Vial : 1 Sample Multiplier: 1

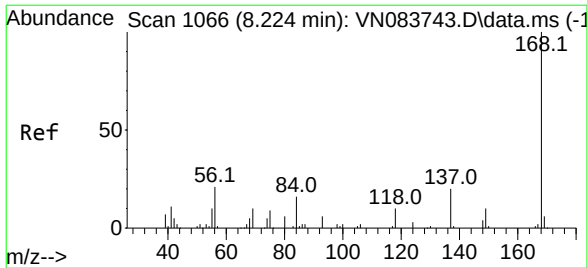
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#3

Manual Integrations
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Supervised By :Mahesh Dadoda 09/30/2024

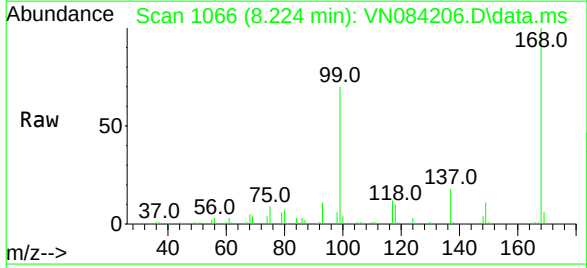
Quant Time: Sep 28 01:00:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

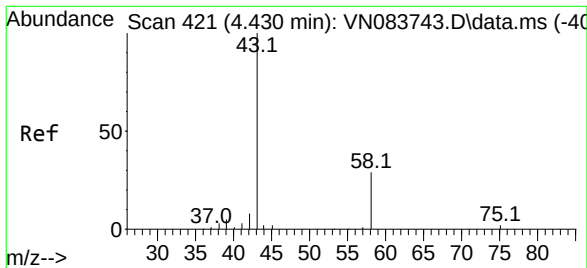
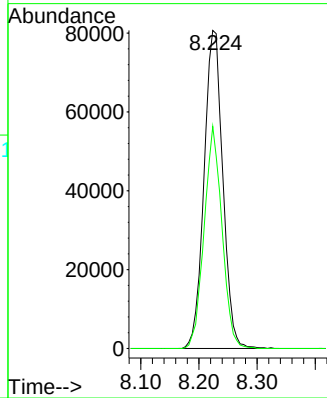
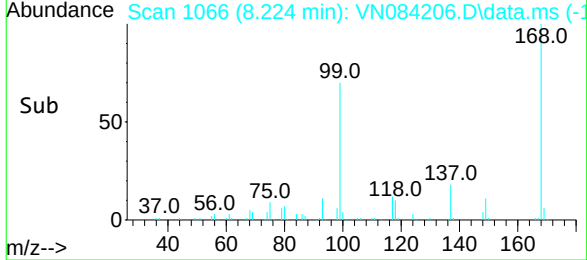
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#3



Tgt Ion: 168 Resp: 180778
Ion Ratio Lower Upper
168 100
99 69.8 54.2 81.2

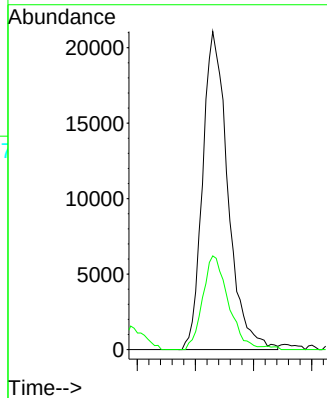
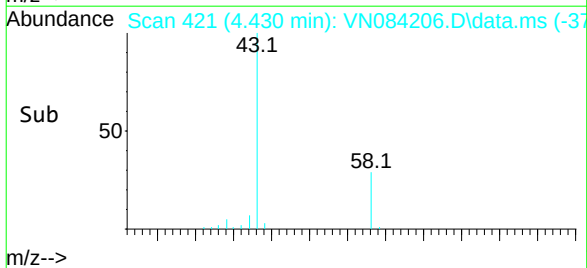
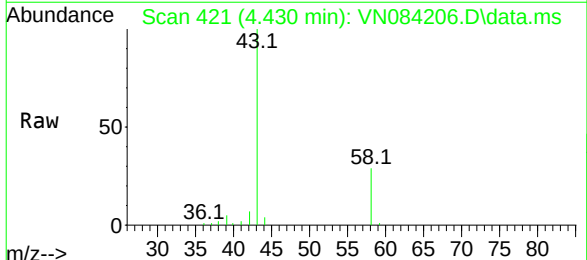
Manual Integrations
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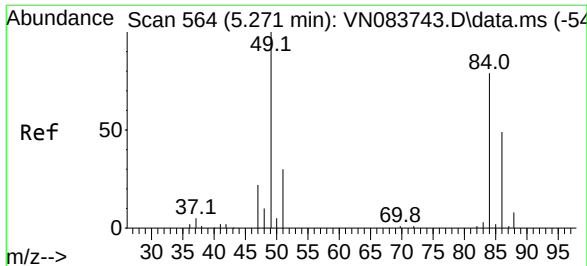
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#16
Acetone
Concen: 58.168 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

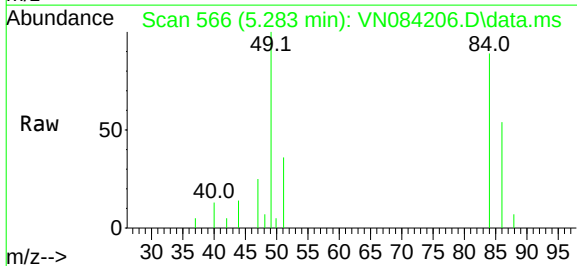
Tgt Ion: 43 Resp: 63562
Ion Ratio Lower Upper
43 100
58 29.5 23.7 35.5





#20
Methylene Chloride
Concen: 4.077 ug/l
RT: 5.283 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

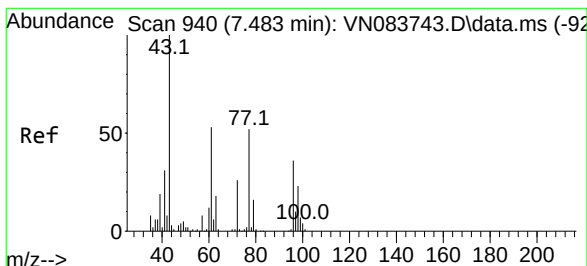
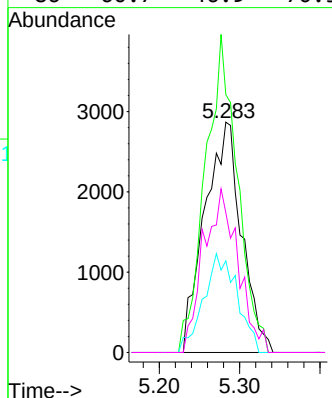
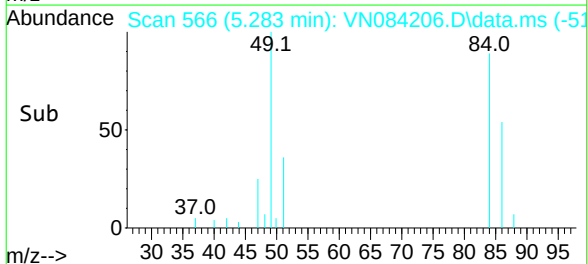
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#3



Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.0	93.4	140.0
51	39.8	29.2	43.8
86	60.7	46.9	70.3

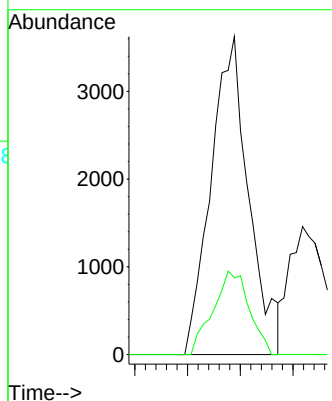
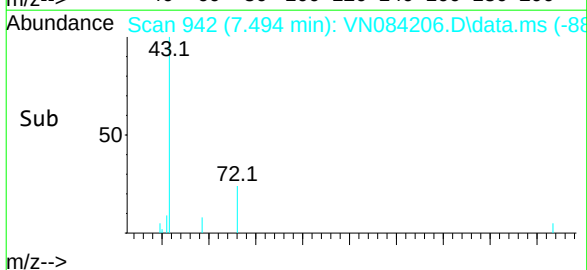
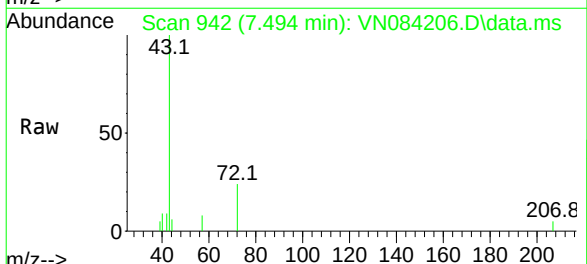
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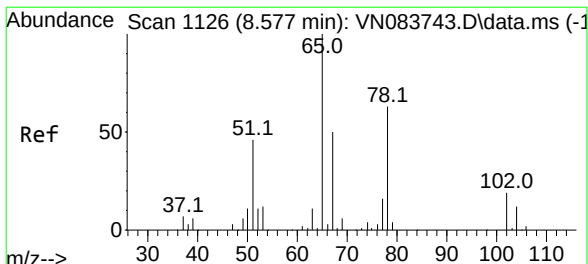
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#25
2-Butanone
Concen: 6.291 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

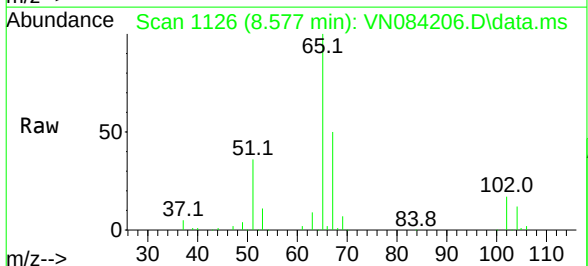
Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.8	31.2





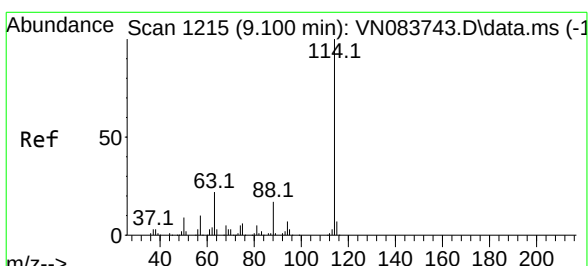
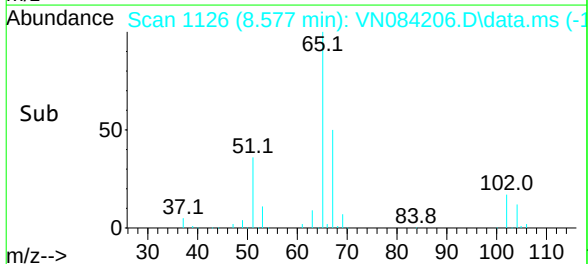
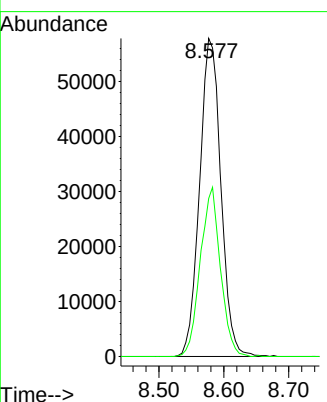
#33
 1,2-Dichloroethane-d4
 Concen: 48.313 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084206.D
 Acq: 27 Sep 2024 16:18

Instrument : MSVOA_N
 ClientSampleId : PB163689ZHE#3



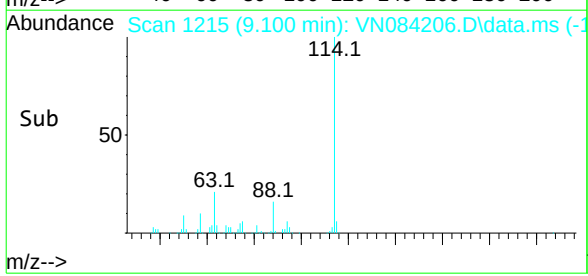
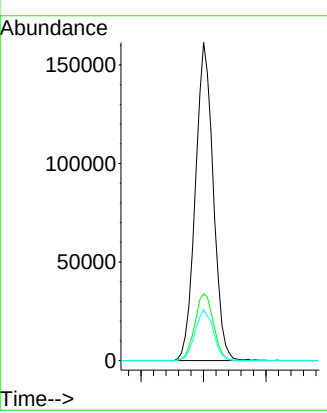
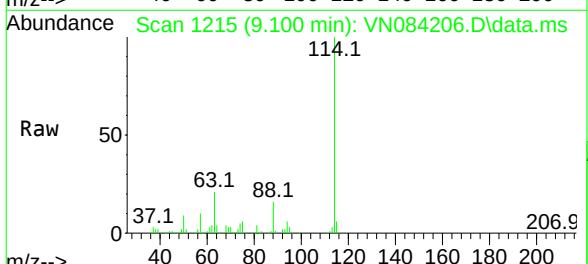
Tgt Ion:	65	Resp:	131695
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.8

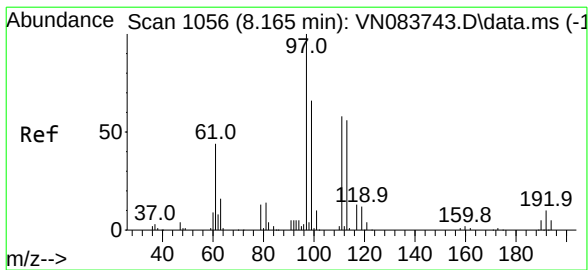
Manual Integrations
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 Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084206.D
 Acq: 27 Sep 2024 16:18

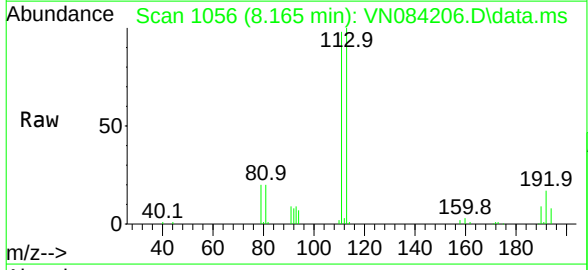
Tgt Ion:	114	Resp:	320374
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.4
88	16.0	0.0	32.6





#35
 Dibromofluoromethane
 Concen: 48.897 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084206.D
 Acq: 27 Sep 2024 16:18

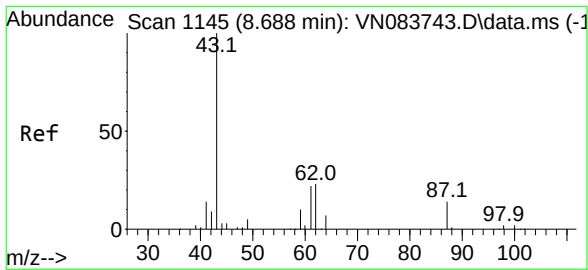
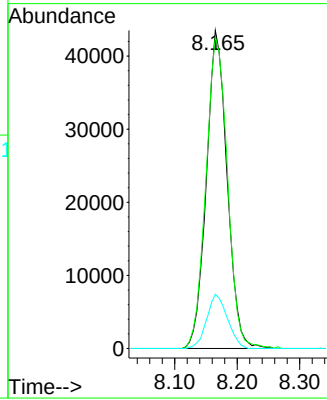
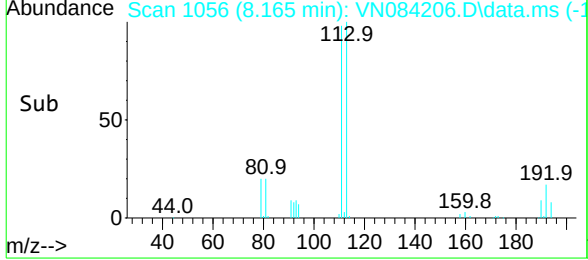
Instrument : MSVOA_N
 ClientSampleId : PB163689ZHE#3



Tgt Ion:	113	Resp:	100287
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	17.0	14.3	21.5

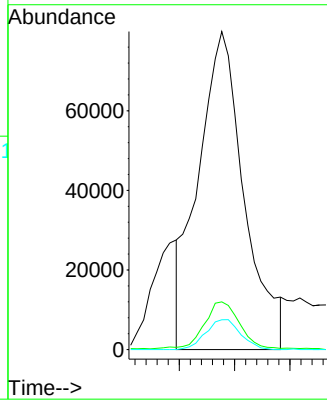
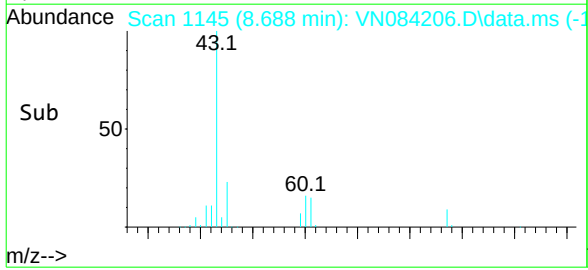
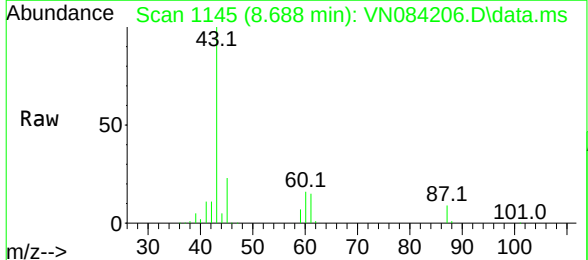
Manual Integrations
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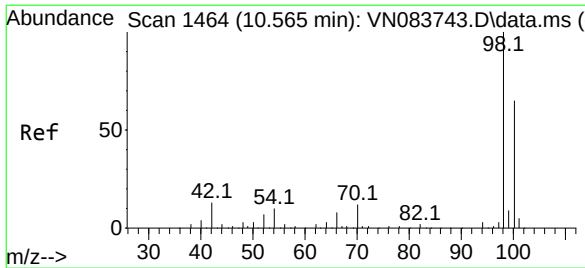
Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



#43
 Isopropyl Acetate
 Concen: 45.442 ug/l m
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN084206.D
 Acq: 27 Sep 2024 16:18

Tgt Ion:	43	Resp:	230746
Ion	Ratio	Lower	Upper
43	100		
61	12.1	19.4	29.0#
87	7.1	9.8	14.6#





#50

Toluene-d8

Concen: 54.018 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084206.D

Acq: 27 Sep 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

PB163689ZHE#3

Tgt Ion: 98 Resp: 383010

Ion Ratio Lower Upper

98 100

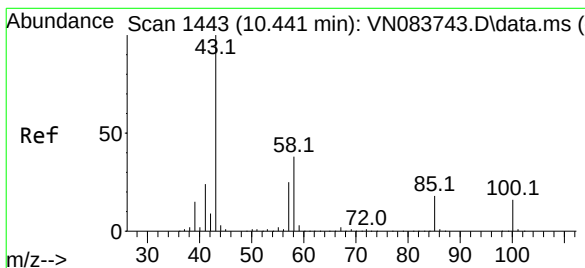
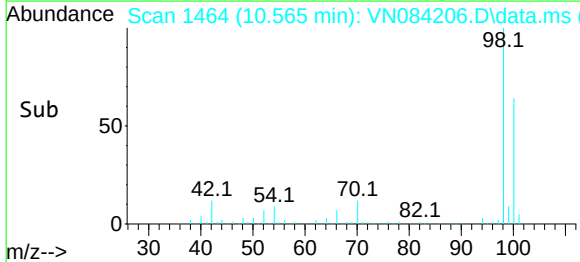
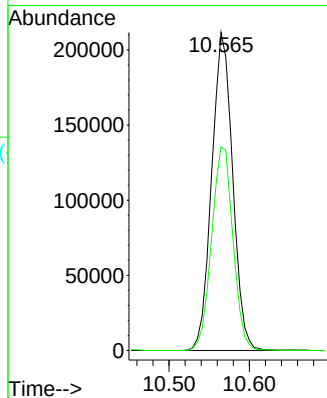
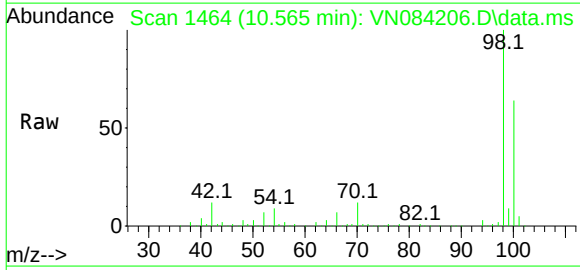
100 65.5 52.0 78.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2024

Supervised By :Mahesh Dadoda 09/30/2024



#51

4-Methyl-2-Pentanone

Concen: 5.332 ug/l m

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN084206.D

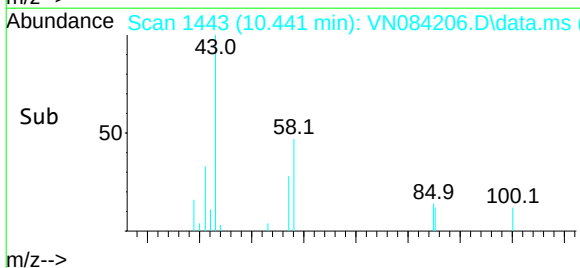
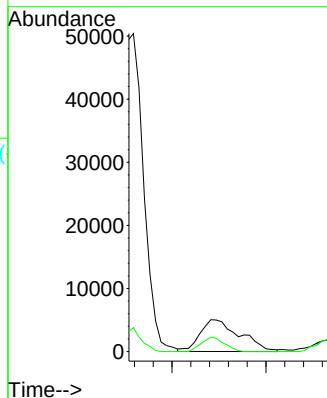
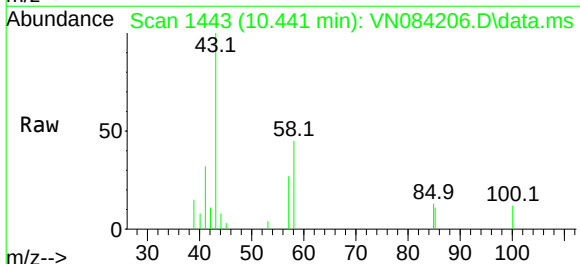
Acq: 27 Sep 2024 16:18

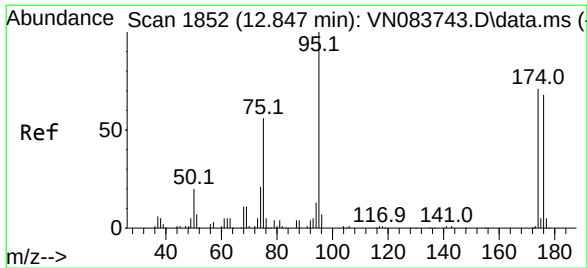
Tgt Ion: 43 Resp: 14737

Ion Ratio Lower Upper

43 100

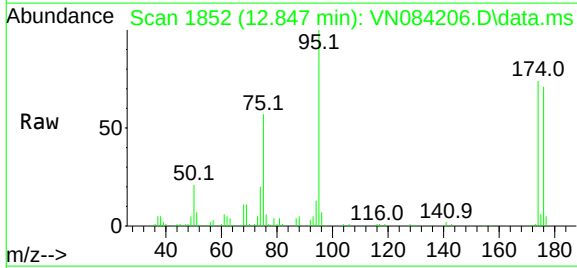
58 26.1 31.6 47.4#





#62
4-Bromofluorobenzene
Concen: 44.242 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

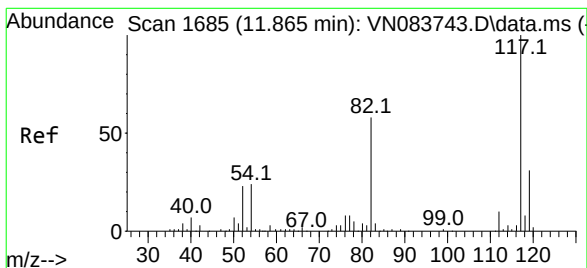
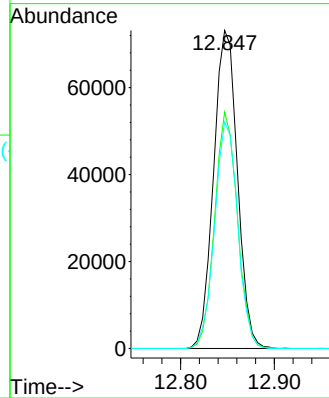
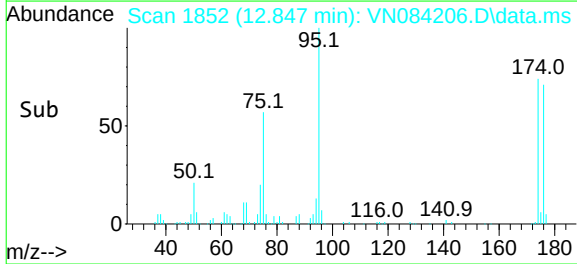
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#3



Tgt Ion: 95 Resp: 129421
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 69.1 0.0 131.4

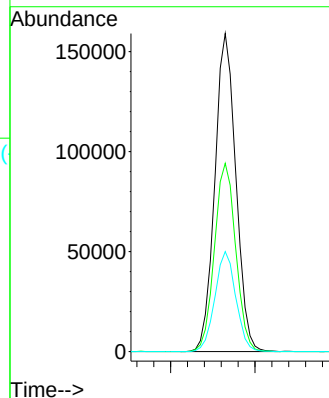
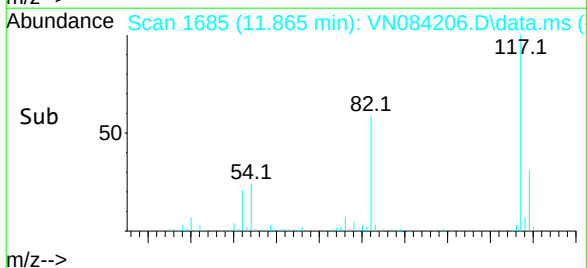
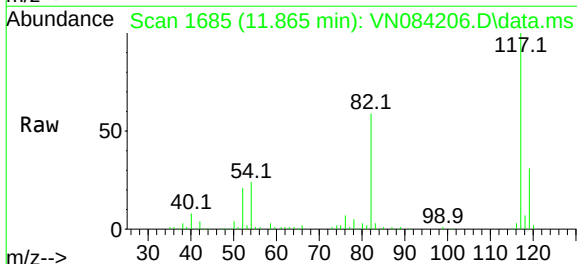
Manual Integrations
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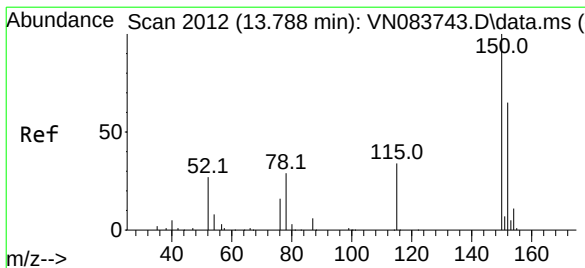
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

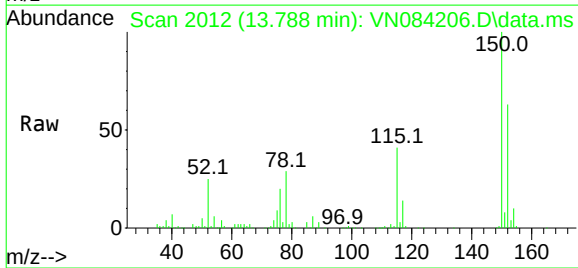
Tgt Ion:117 Resp: 275905
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.4 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18

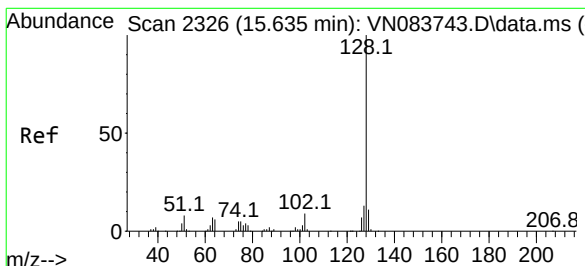
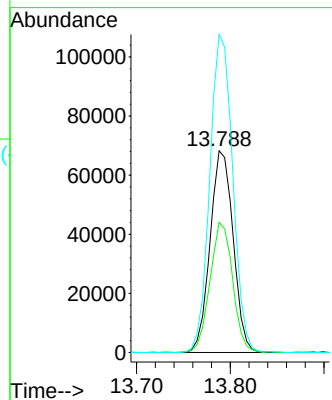
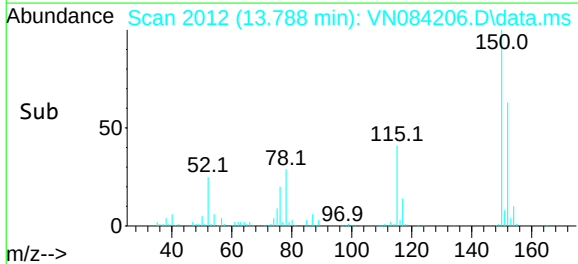
Instrument :
MSVOA_N
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PB163689ZHE#3



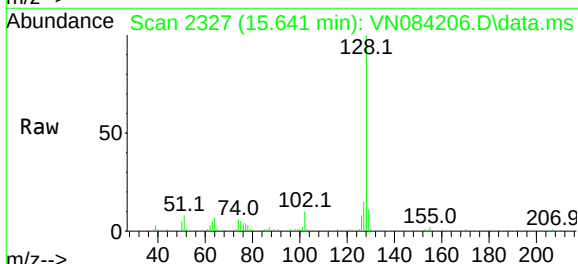
Tgt Ion:152 Resp: 116965
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 156.7 0.0 348.6

Manual Integrations
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#95
Naphthalene
Concen: 9.136 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084206.D
Acq: 27 Sep 2024 16:18



Tgt Ion:128 Resp: 59172
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.9 8.7 13.1

