

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084072.D
 Acq On : 20 Sep 2024 15:57
 Operator : JC\MD
 Sample : PB163512ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163512ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 23 01:04:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	23249	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	127735	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	119096	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64615	30.405	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.367%	
60) 4-Bromofluorobenzene	12.847	95	48630	23.692	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	78.967%	
63) Toluene-d8	10.571	98	162988	29.556	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.533%	
Target Compounds						
15) Acetone	4.436	58	13652	58.358	ug/l	Qvalue 98
18) Methylene Chloride	5.271	84	5067	3.205	ug/l	# 85
44) Isopropyl Acetate	8.688	43	194935m	58.630	ug/l	

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

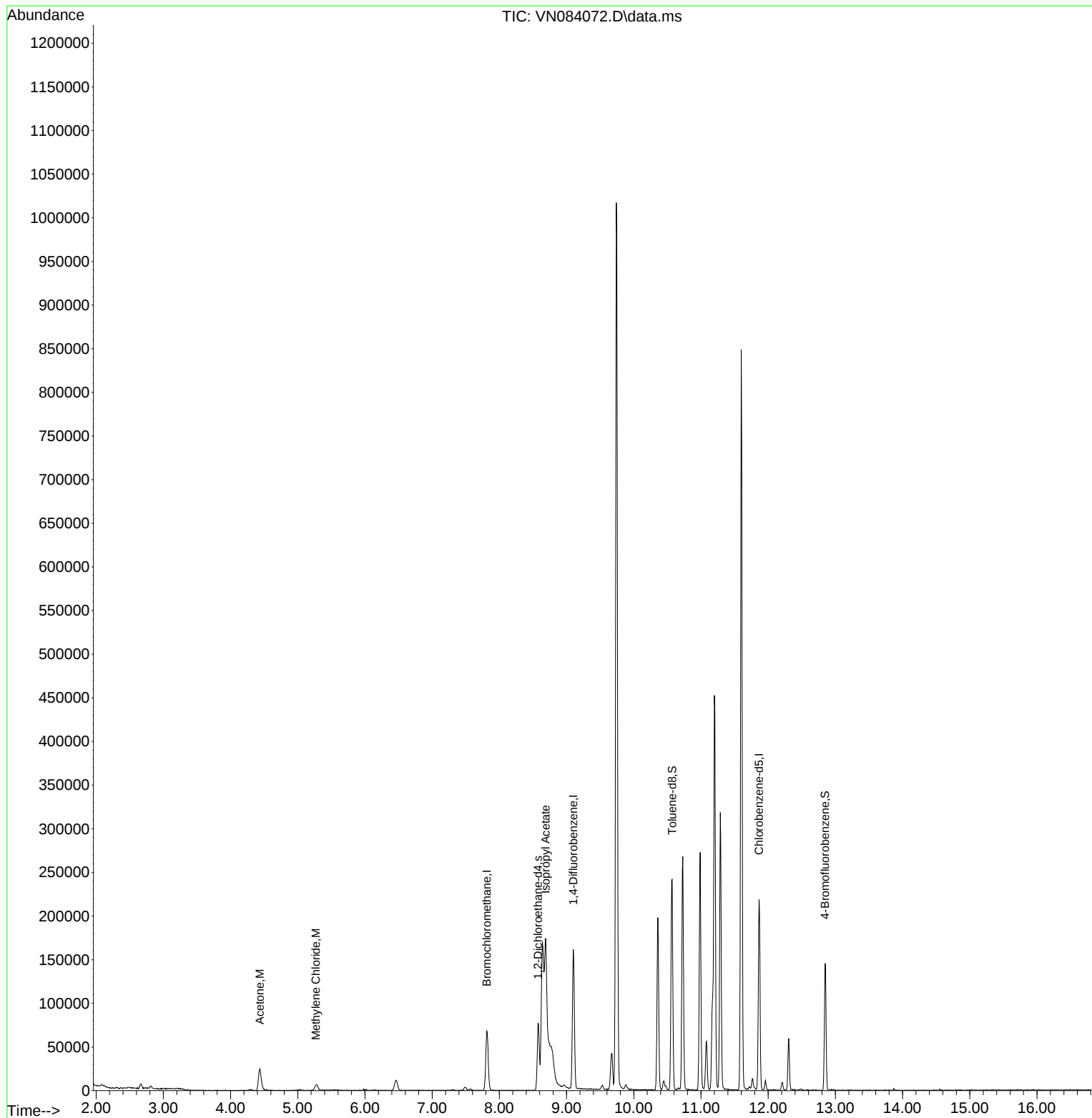
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
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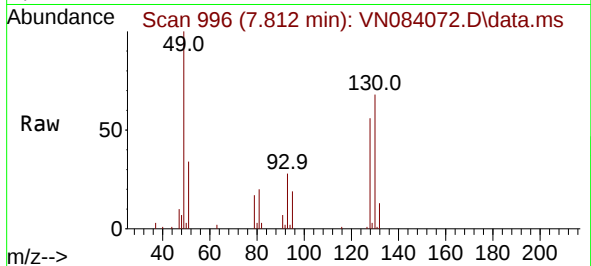
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

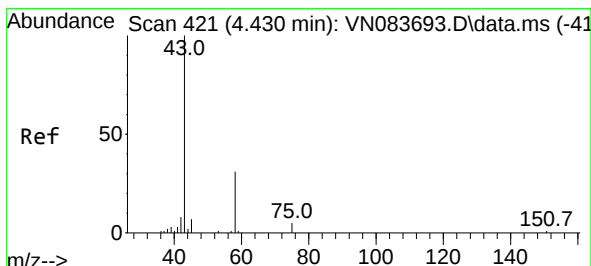
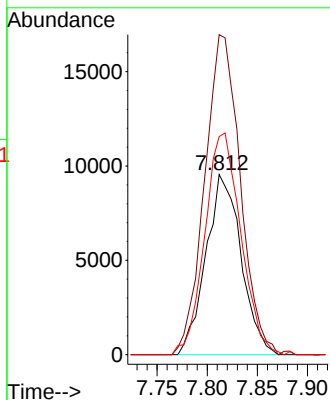
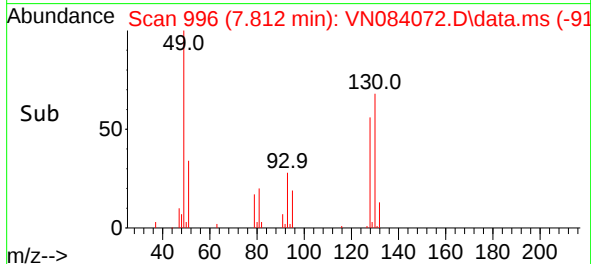
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#05



Tgt Ion: 128 Resp: 23249
Ion Ratio Lower Upper
128 100
49 179.8 0.0 403.7
130 126.2 0.0 323.3

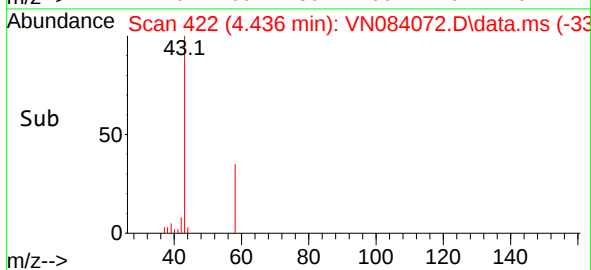
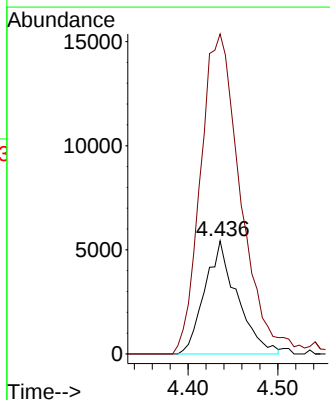
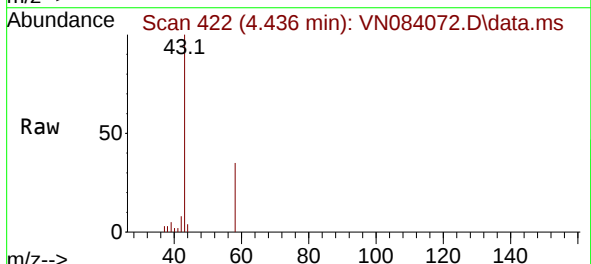
Manual Integrations
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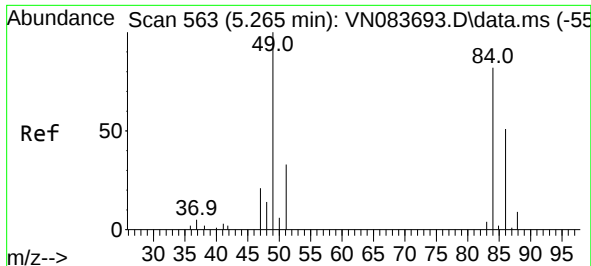
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#15
Acetone
Concen: 58.358 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

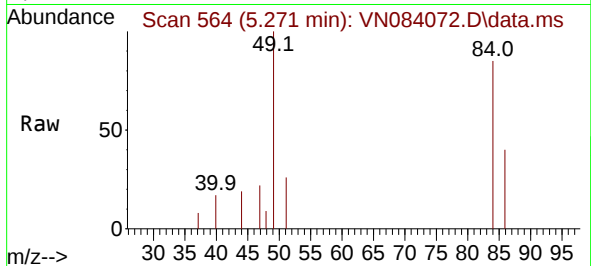
Tgt Ion: 58 Resp: 13652
Ion Ratio Lower Upper
58 100
43 275.5 223.1 334.7





#18
Methylene Chloride
Concen: 3.205 ug/l
RT: 5.271 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

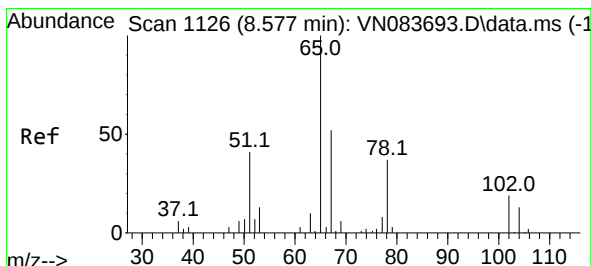
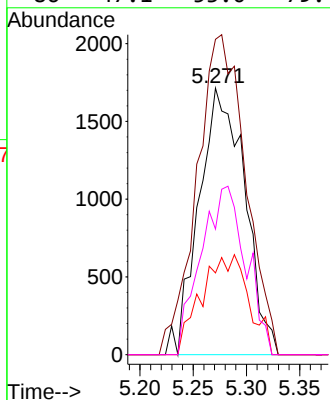
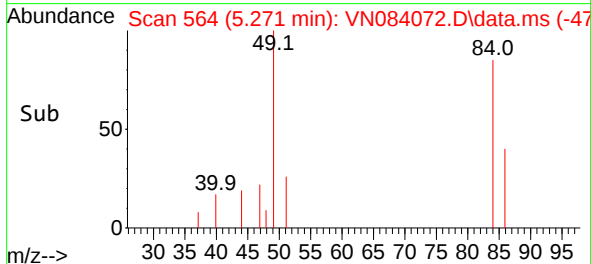
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#05



Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 118.3 86.0 129.0
51 30.7 30.0 45.0
86 47.1 53.0 79.4#

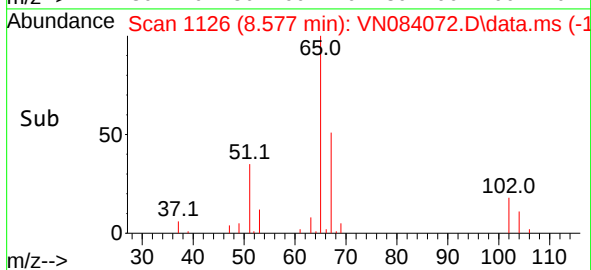
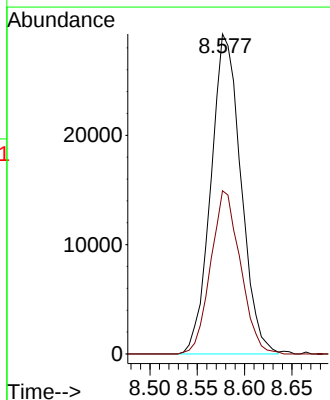
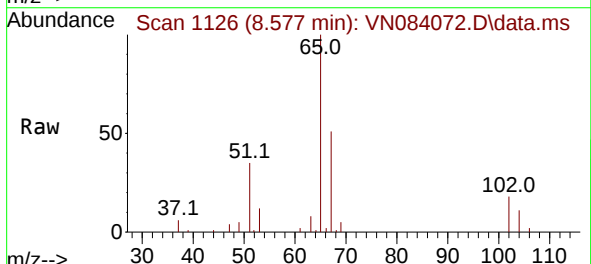
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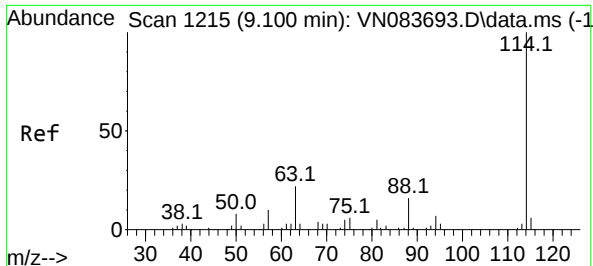
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#27
1,2-Dichloroethane-d4
Concen: 30.405 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

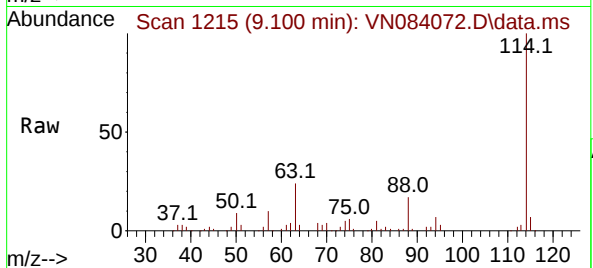
Tgt Ion: 65 Resp: 64615
Ion Ratio Lower Upper
65 100
67 50.4 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

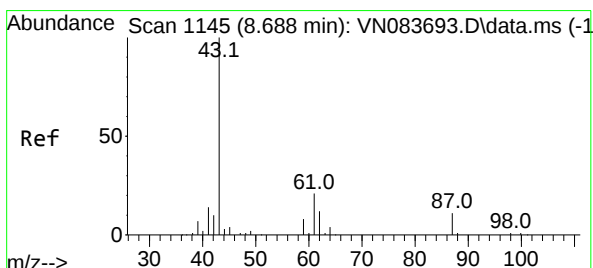
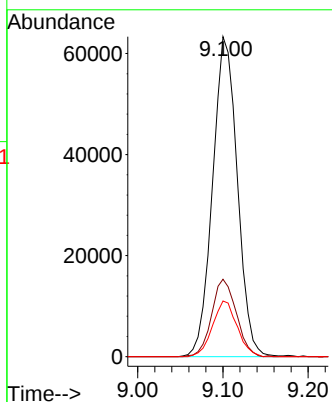
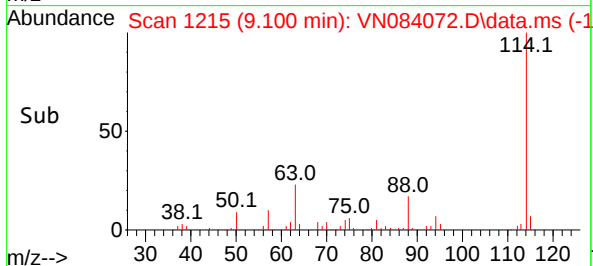
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#05



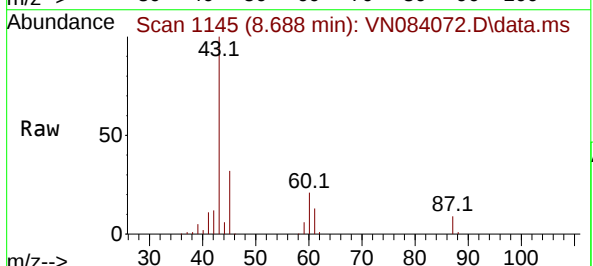
Tgt Ion:114 Resp: 127735
Ion Ratio Lower Upper
114 100
63 24.1 15.9 23.9
88 17.4 12.7 19.1

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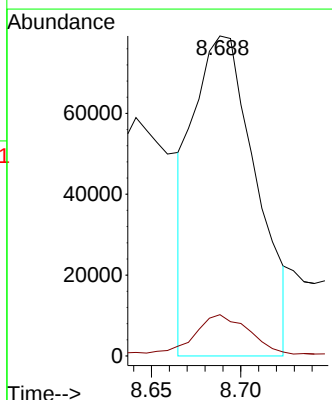
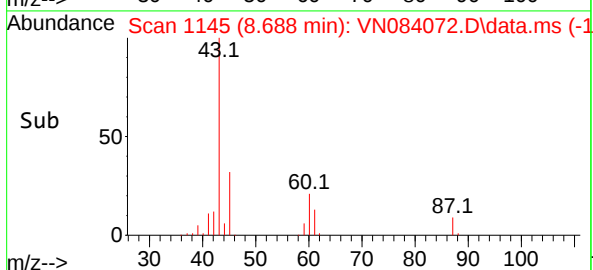
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

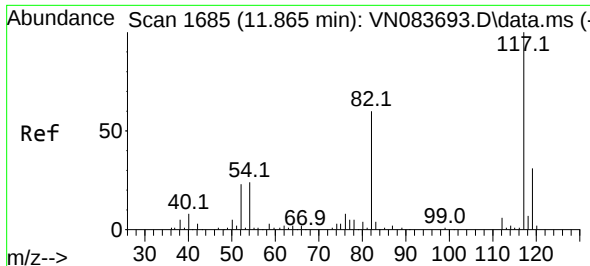


#44
Isopropyl Acetate
Concen: 58.630 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57



Tgt Ion: 43 Resp: 194935
Ion Ratio Lower Upper
43 100
61 10.6 25.0 37.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 119090

Delta R.T. -0.000 min

Lab File: VN084072.D

Acq: 20 Sep 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

PB163512ZHE#05

Tgt Ion: 117 Resp: 119090

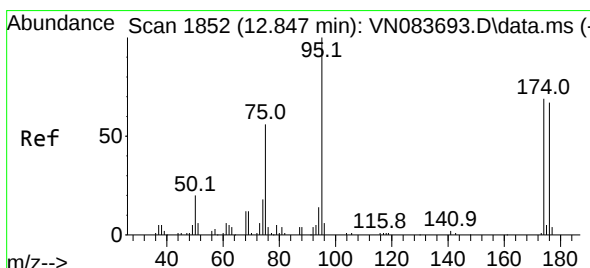
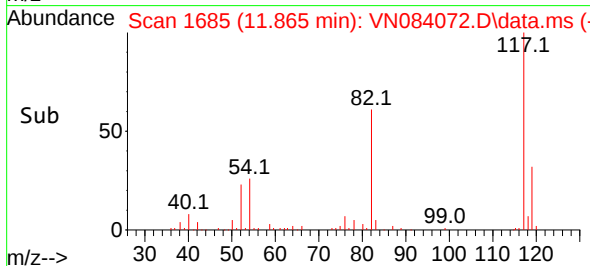
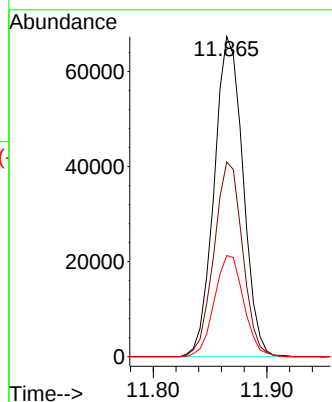
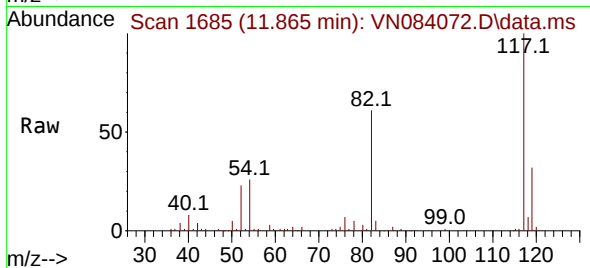
Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.6	69.8
119	32.1	25.4	38.2

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#60

4-Bromofluorobenzene

Concen: 23.692 ug/l

RT: 12.847 min Scan# 1852

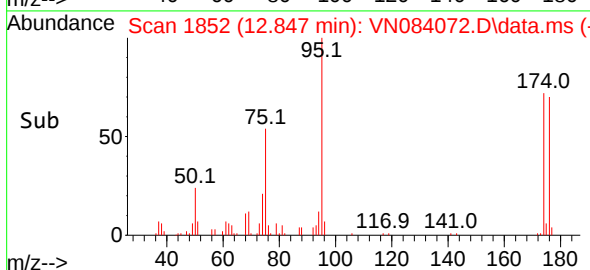
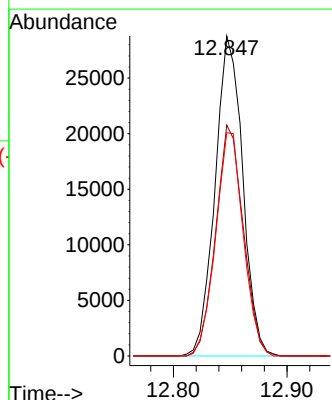
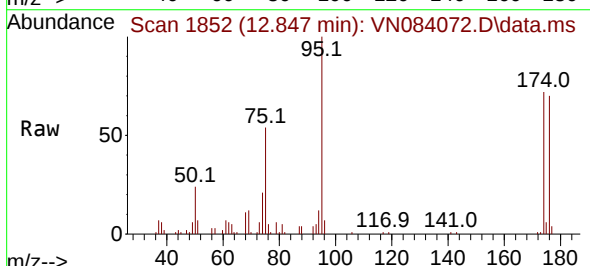
Delta R.T. -0.000 min

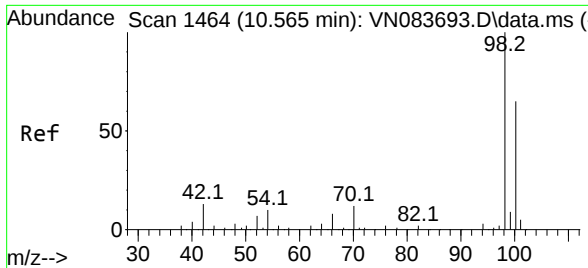
Lab File: VN084072.D

Acq: 20 Sep 2024 15:57

Tgt Ion: 95 Resp: 48630

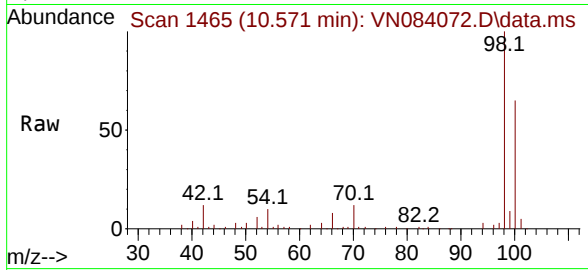
Ion	Ratio	Lower	Upper
95	100		
174	72.2	60.5	90.7
176	70.2	57.8	86.6





#63
Toluene-d8
Concen: 29.556 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN084072.D
Acq: 20 Sep 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#05



Tgt Ion: 98 Resp: 162988
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

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