

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081913.D
 Acq On : 29 Apr 2024 14:44
 Operator : JC\MD
 Sample : P2290-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417090-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	40713	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	244478	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	205833	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	102380	30.035	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.100%
60) 4-Bromofluorobenzene	12.847	95	98537	28.766	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.900%
63) Toluene-d8	10.571	98	297569	30.442	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.467%
Target Compounds						
						Qvalue
15) Acetone	4.418	58	35116m	110.358	ug/l	
18) Methylene Chloride	5.277	84	5293m	1.872	ug/l	
25) Chloroform	7.965	83	8937	1.818	ug/l	86
62) Toluene	10.635	91	6899	0.596	ug/l	90

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

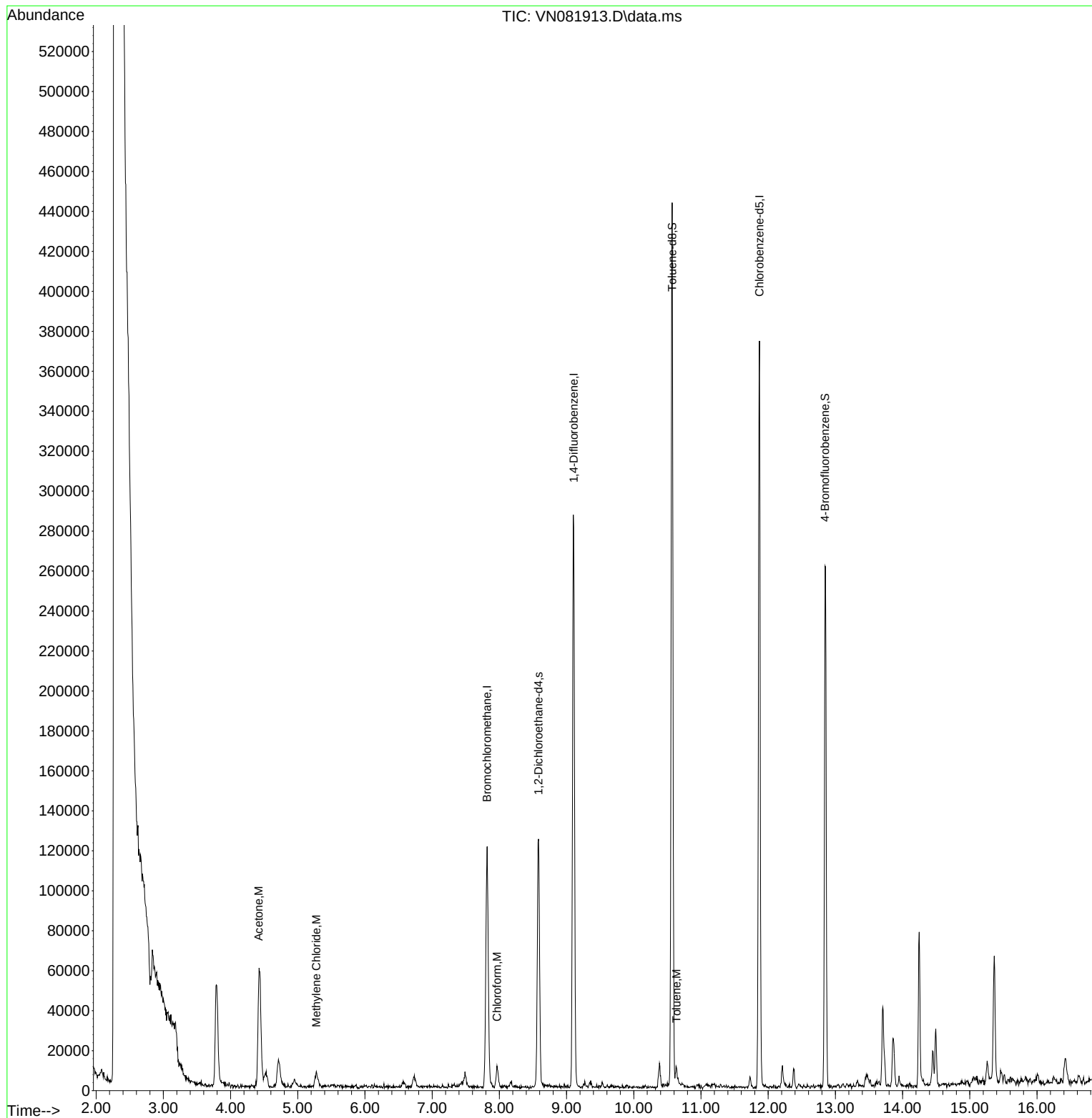
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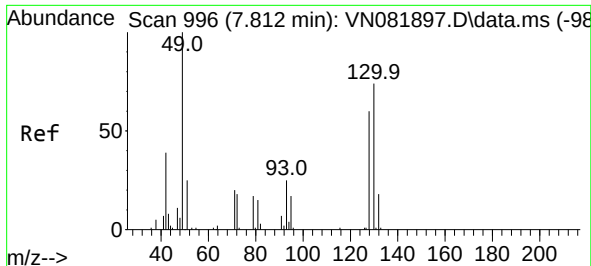
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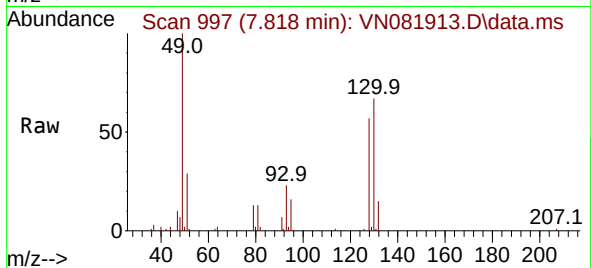
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

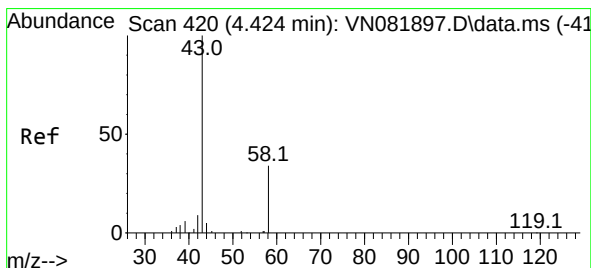
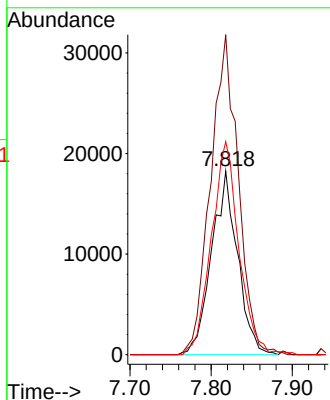
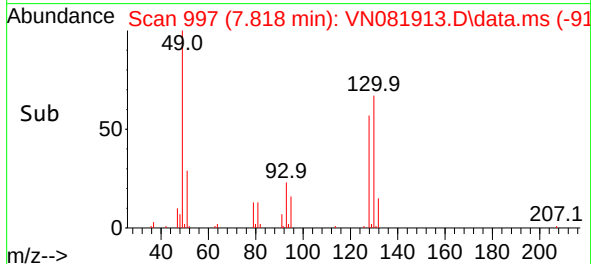
Instrument :
MSVOA_N
ClientSampleId :
240417090-02



Tgt Ion:128 Resp: 4071
Ion Ratio Lower Upper
128 100
49 184.6 0.0 403.7
130 122.0 0.0 323.3

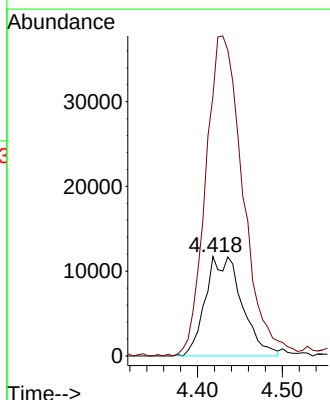
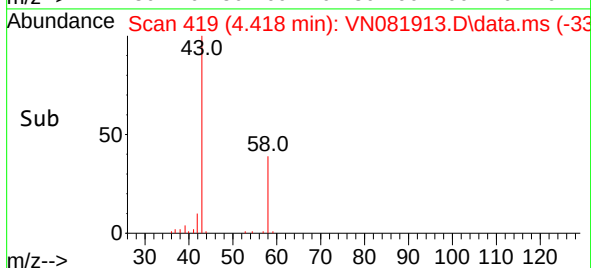
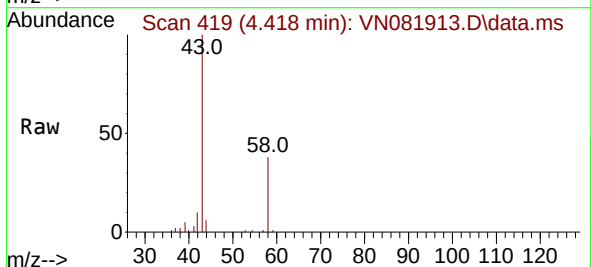
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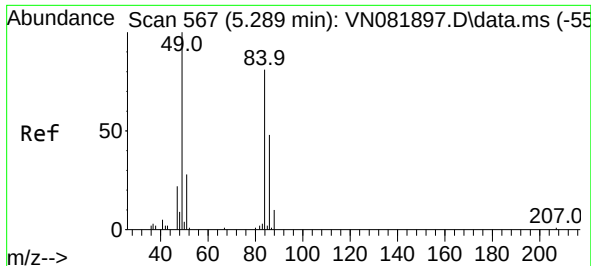
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#15
Acetone
Concen: 110.358 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

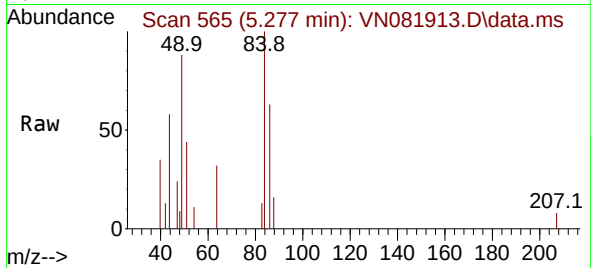
Tgt Ion: 58 Resp: 35116
Ion Ratio Lower Upper
58 100
43 260.8 223.1 334.7





#18
Methylene Chloride
Concen: 1.872 ug/l m
RT: 5.277 min Scan# 529
Delta R.T. -0.012 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

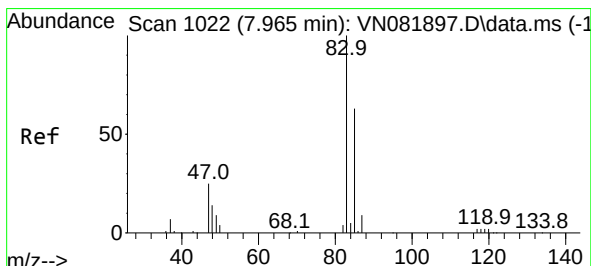
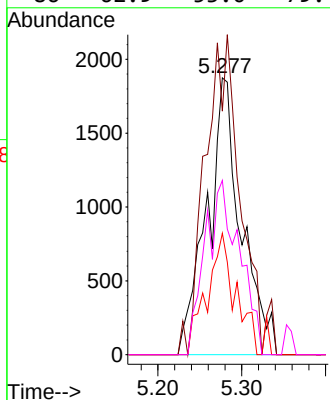
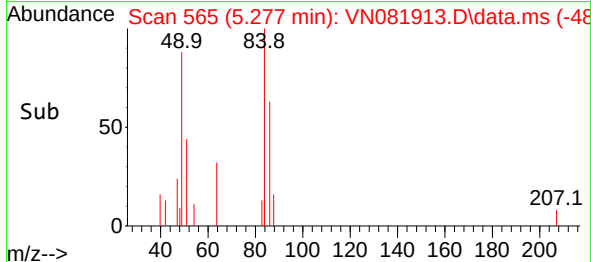
Instrument :
MSVOA_N
ClientSampleId :
240417090-02



Tgt Ion:	84	Resp:	529
Ion	Ratio	Lower	Upper
84	100		
49	87.9	86.0	129.0
51	43.8	30.0	45.0
86	62.9	53.0	79.4

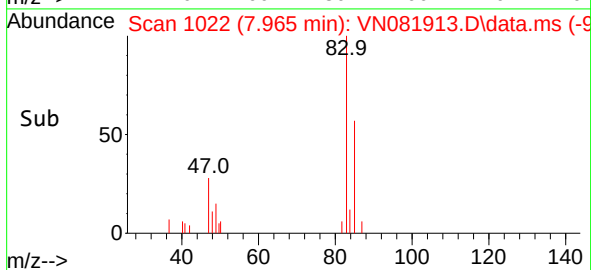
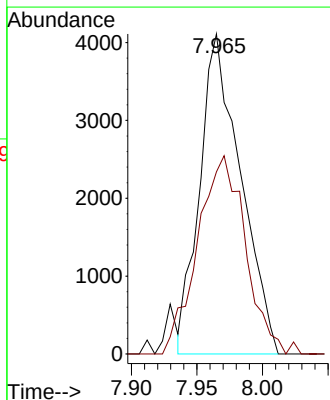
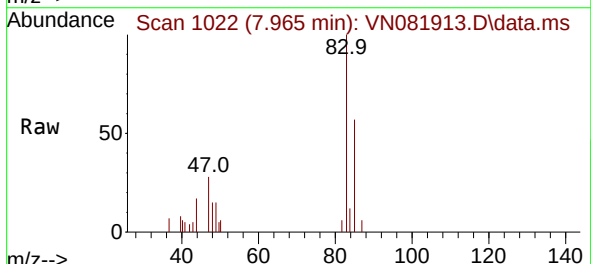
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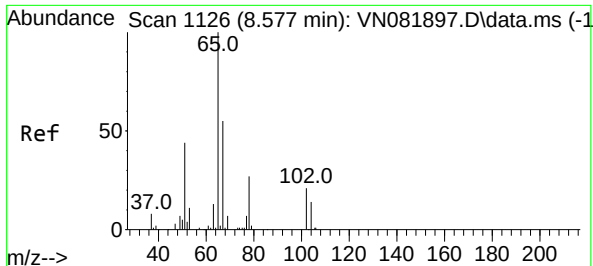
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#25
Chloroform
Concen: 1.818 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

Tgt Ion:	83	Resp:	8937
Ion	Ratio	Lower	Upper
83	100		
85	52.4	50.9	76.3





#27

1,2-Dichloroethane-d4

Concen: 30.035 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081913.D

Acq: 29 Apr 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

240417090-02

Tgt Ion: 65 Resp: 102380

Ion Ratio Lower Upper

65 100

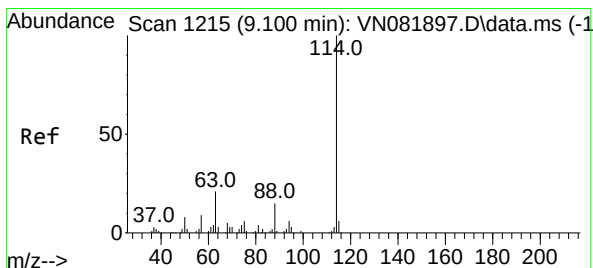
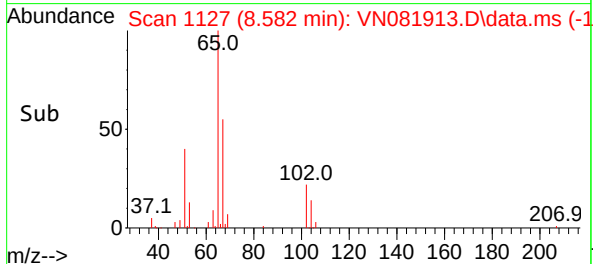
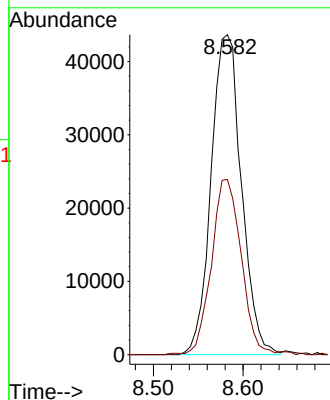
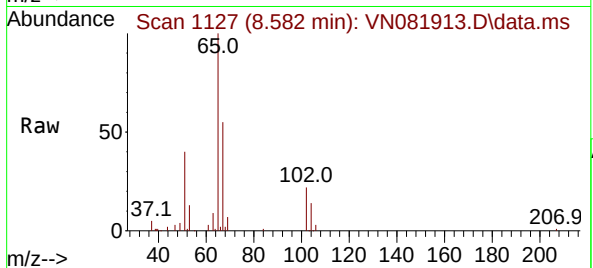
67 53.4 43.2 64.8

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081913.D

Acq: 29 Apr 2024 14:44

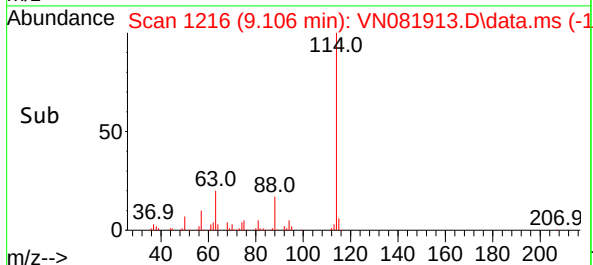
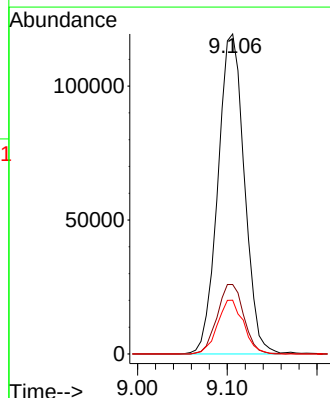
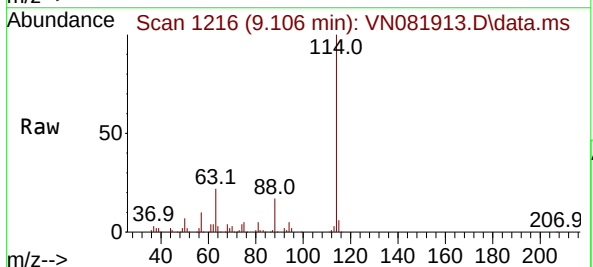
Tgt Ion:114 Resp: 244478

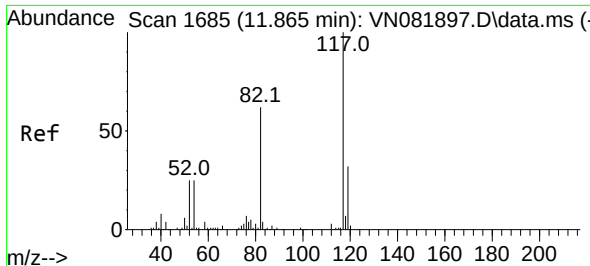
Ion Ratio Lower Upper

114 100

63 21.9 15.9 23.9

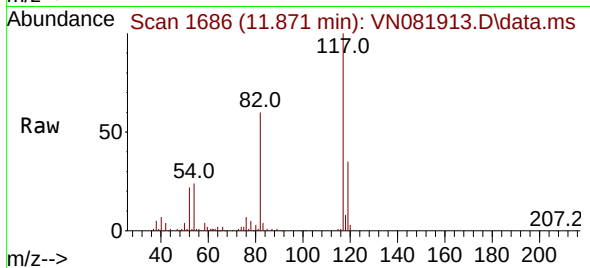
88 16.5 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

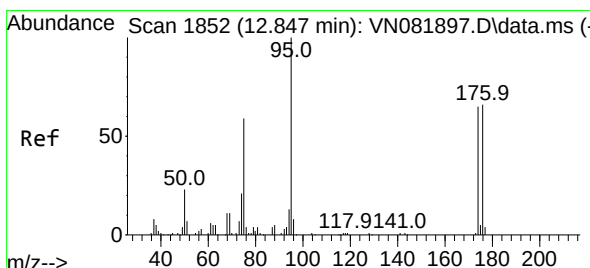
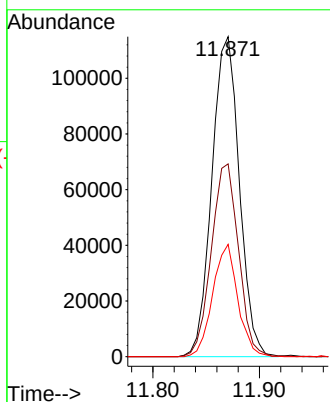
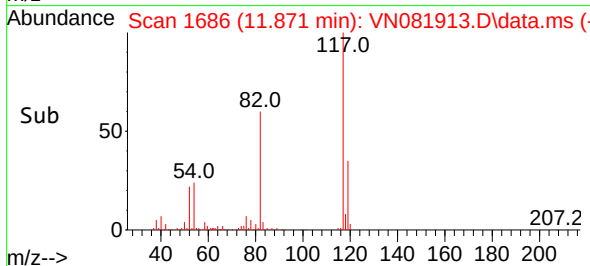
Instrument :
MSVOA_N
ClientSampleId :
240417090-02



Tgt Ion: 117 Resp: 20583
Ion Ratio Lower Upper
117 100
82 59.6 46.6 69.8
119 32.1 25.4 38.2

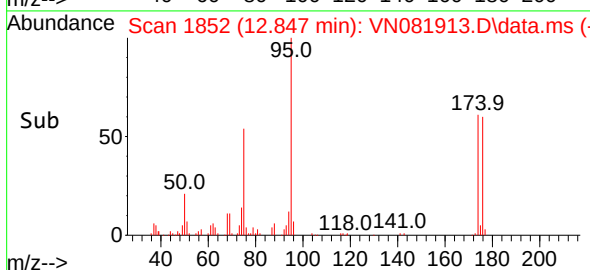
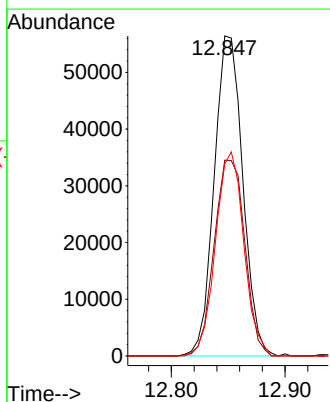
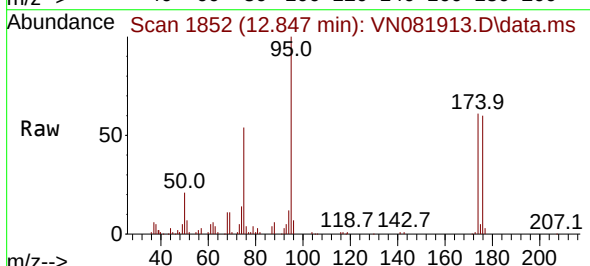
Manual Integrations
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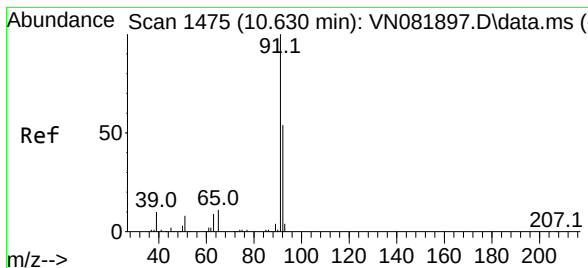
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
4-Bromofluorobenzene
Concen: 28.766 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081913.D
Acq: 29 Apr 2024 14:44

Tgt Ion: 95 Resp: 98537
Ion Ratio Lower Upper
95 100
174 65.6 60.5 90.7
176 63.3 57.8 86.6





#62

Toluene

Concen: 0.596 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN081913.D

Acq: 29 Apr 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

240417090-02

Tgt Ion: 91 Resp: 6899

Ion Ratio Lower Upper

91 100

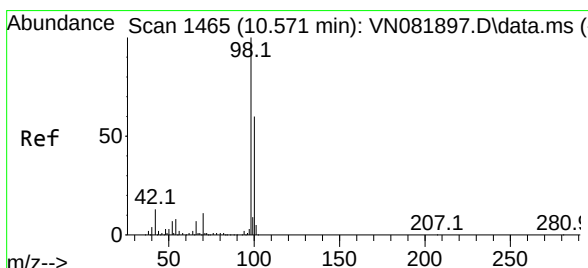
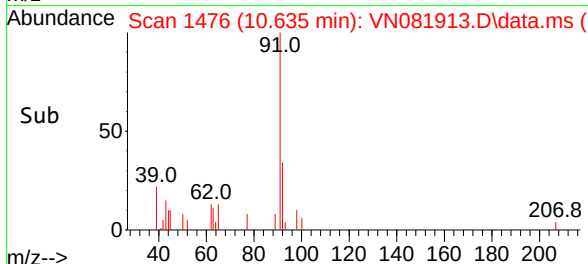
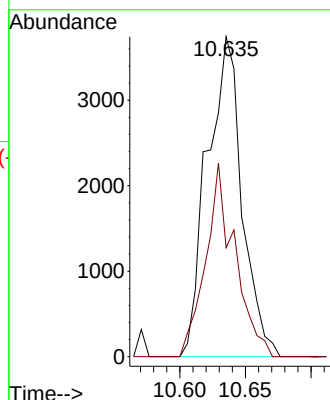
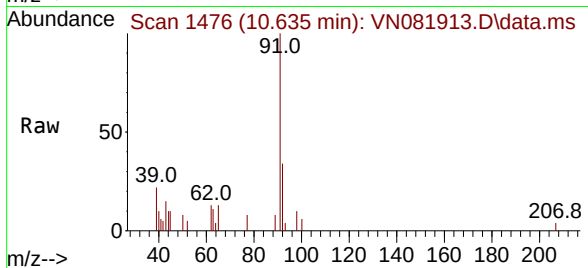
92 50.6 46.5 69.7

Manual Integrations

APPROVED

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#63

Toluene-d8

Concen: 30.442 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081913.D

Acq: 29 Apr 2024 14:44

Tgt Ion: 98 Resp: 297569

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

