

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081700.D
 Acq On : 11 Apr 2024 16:38
 Operator : JC\MD
 Sample : P2086-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410100-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2024
 Supervised By : Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:02:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	22105m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	131604	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	174958	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	87595	32.256	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.533%
60) 4-Bromofluorobenzene	12.847	95	80386	23.370	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.900%
63) Toluene-d8	10.570	98	193412	27.559	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.867%
Target Compounds						
						Qvalue
25) Chloroform	7.971	83	13281	2.136	ug/l	91
62) Toluene	10.629	91	13232	1.040	ug/l	91

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

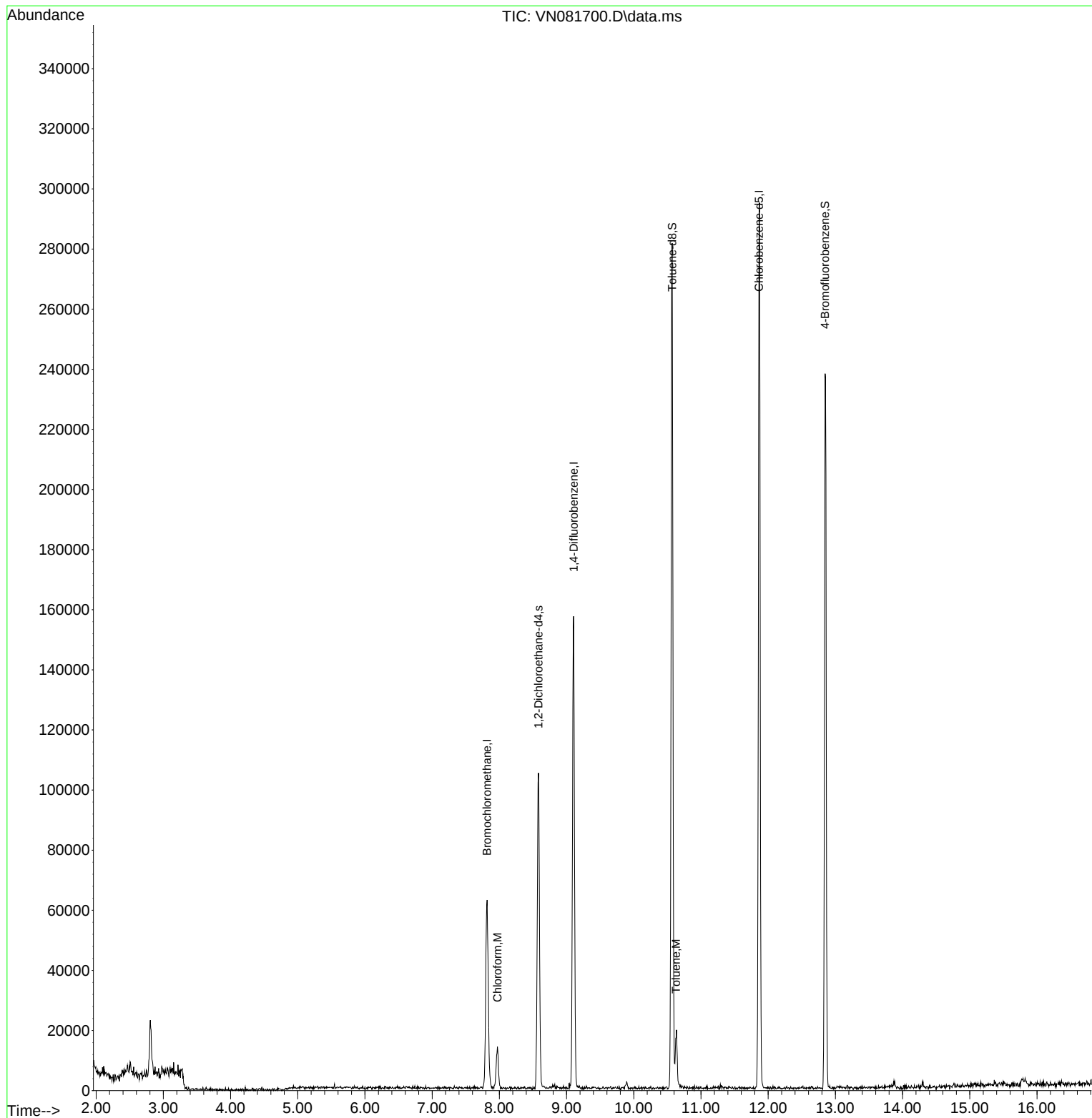
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
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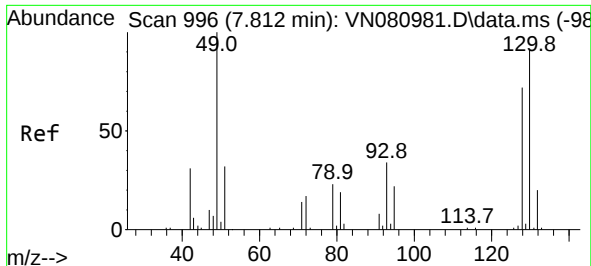
Instrument :
MSVOA_N
ClientSampleId :
240410100-02

Quant Time: Apr 12 06:02:59 2024
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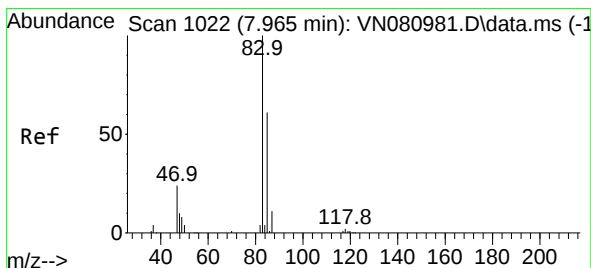
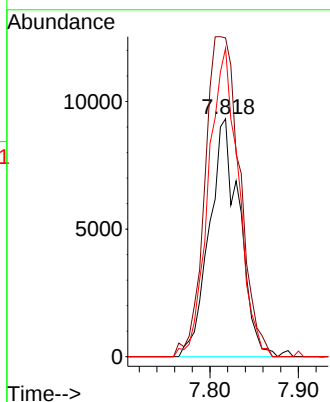
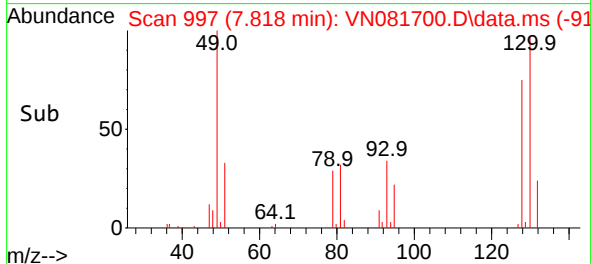
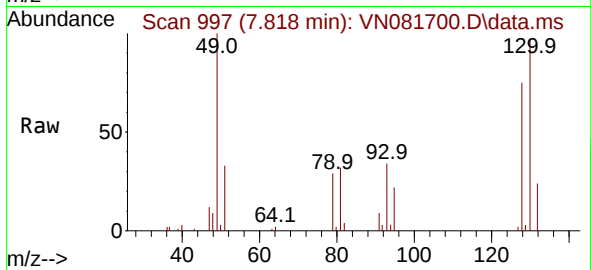
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081700.D
Acq: 11 Apr 2024 16:38

Instrument :
MSVOA_N
ClientSampleId :
240410100-02

Tgt Ion:128 Resp: 2210
Ion Ratio Lower Upper
128 100
49 154.7 0.0 403.7
130 127.8 0.0 323.3

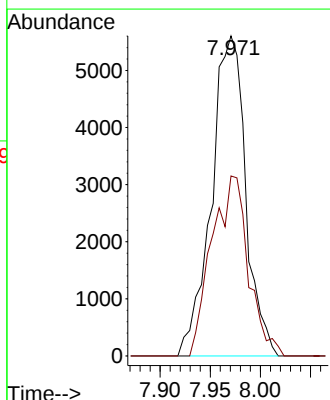
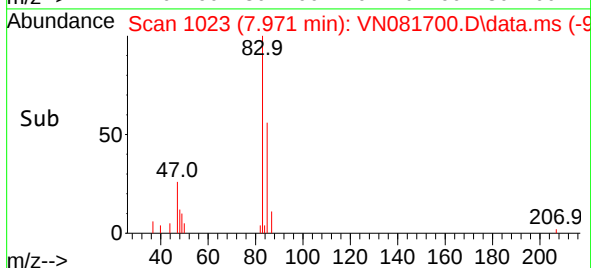
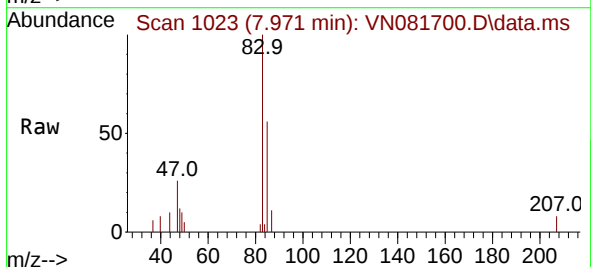
Manual Integrations
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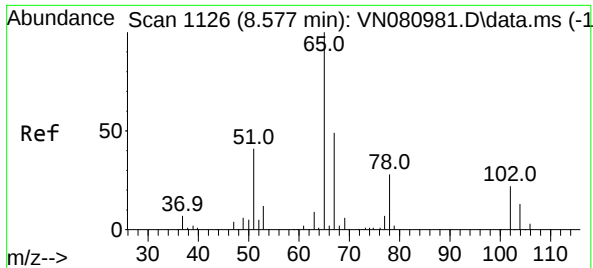
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#25
Chloroform
Concen: 2.136 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081700.D
Acq: 11 Apr 2024 16:38

Tgt Ion: 83 Resp: 13281
Ion Ratio Lower Upper
83 100
85 56.2 50.9 76.3





#27

1,2-Dichloroethane-d4

Concen: 32.256 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN081700.D

Acq: 11 Apr 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

240410100-02

Tgt Ion: 65 Resp: 8759

Ion Ratio Lower Upper

65 100

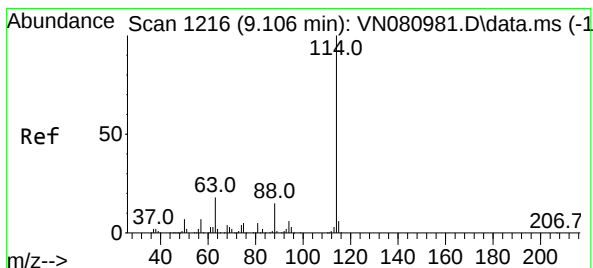
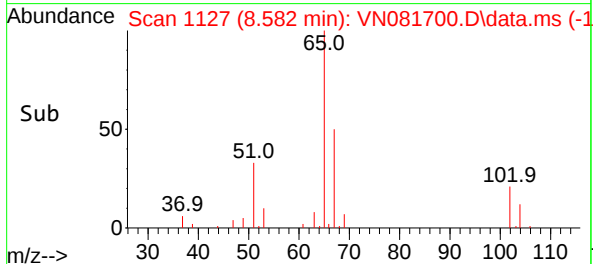
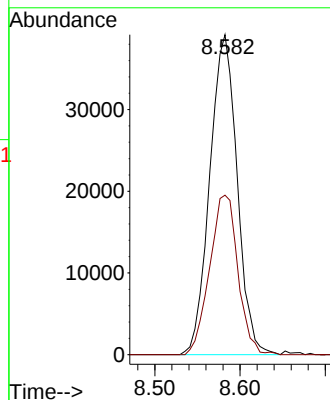
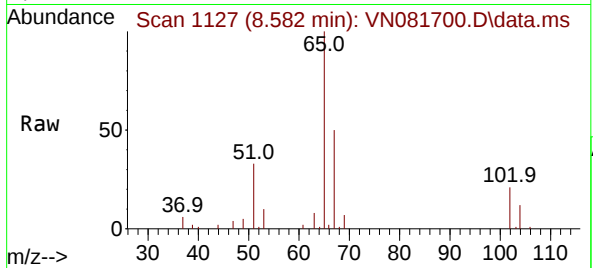
67 51.3 43.2 64.8

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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: VN081700.D

Acq: 11 Apr 2024 16:38

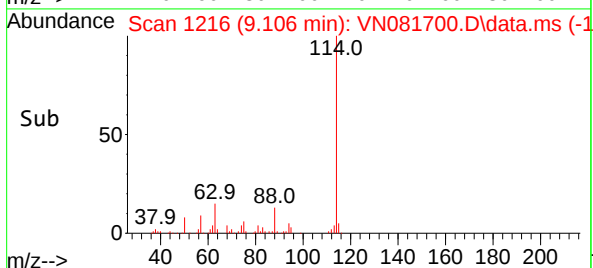
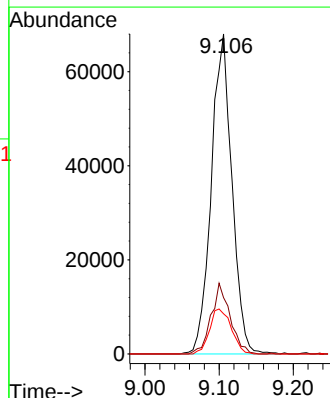
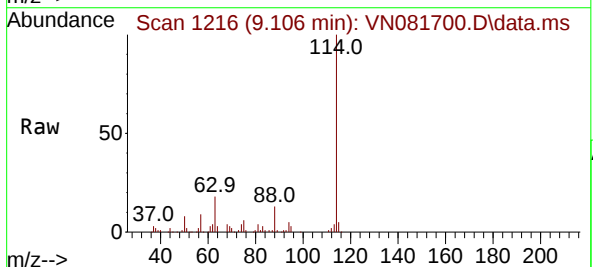
Tgt Ion:114 Resp: 131604

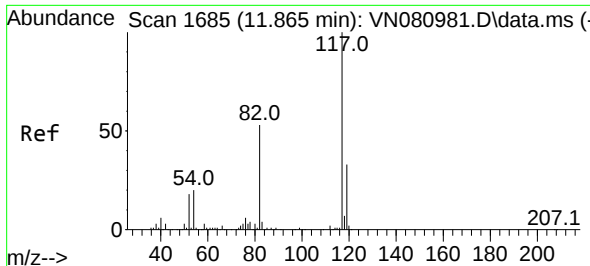
Ion Ratio Lower Upper

114 100

63 20.4 15.9 23.9

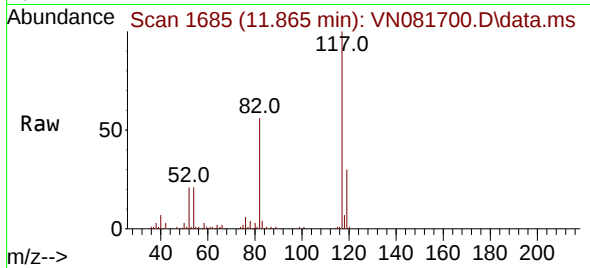
88 14.8 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081700.D
Acq: 11 Apr 2024 16:38

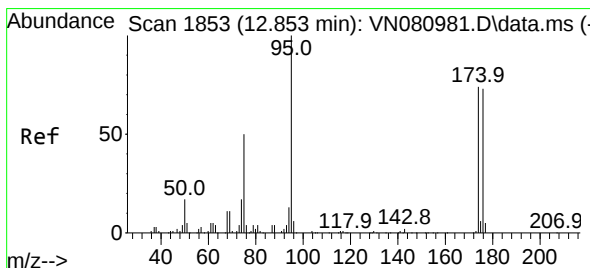
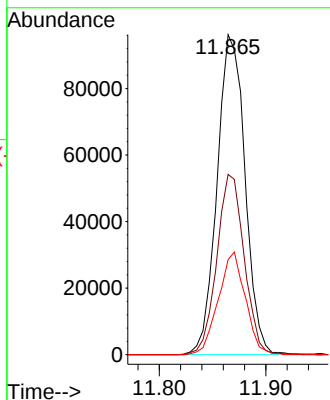
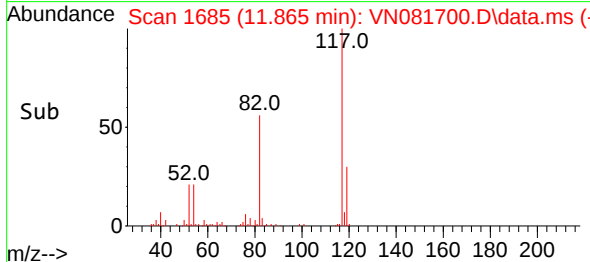
Instrument :
MSVOA_N
ClientSampleId :
240410100-02



Tgt Ion: 117 Resp: 174958
Ion Ratio Lower Upper
117 100
82 55.3 46.6 69.8
119 31.0 25.4 38.2

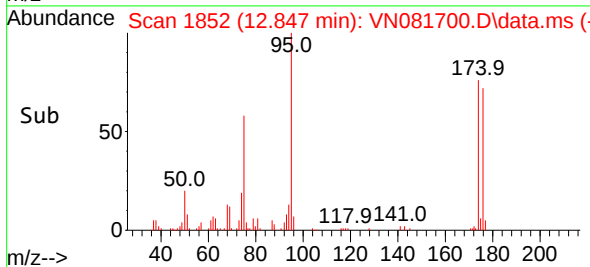
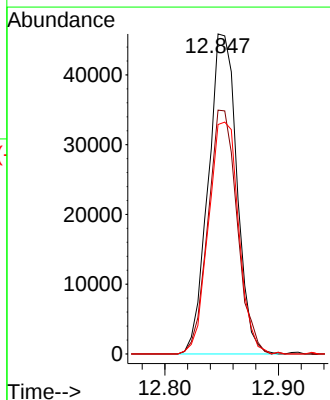
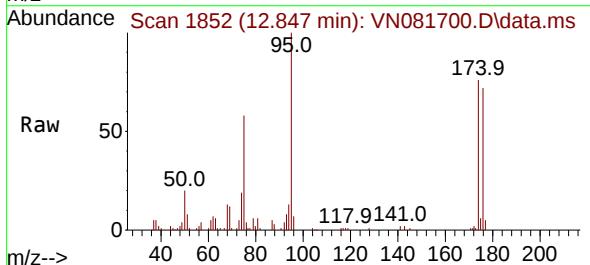
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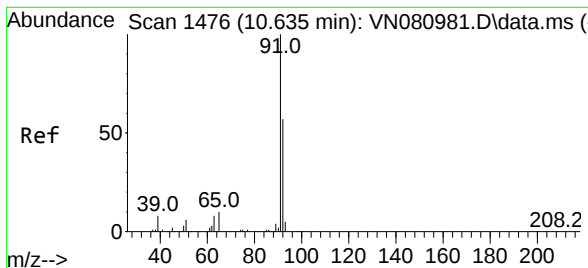
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#60
4-Bromofluorobenzene
Concen: 23.370 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081700.D
Acq: 11 Apr 2024 16:38

Tgt Ion: 95 Resp: 80386
Ion Ratio Lower Upper
95 100
174 77.4 60.5 90.7
176 76.0 57.8 86.6





#62

Toluene

Concen: 1.040 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081700.D

Acq: 11 Apr 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

240410100-02

Tgt Ion: 91 Resp: 1323

Ion Ratio Lower Upper

91 100

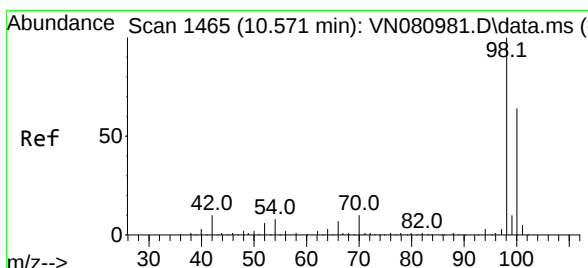
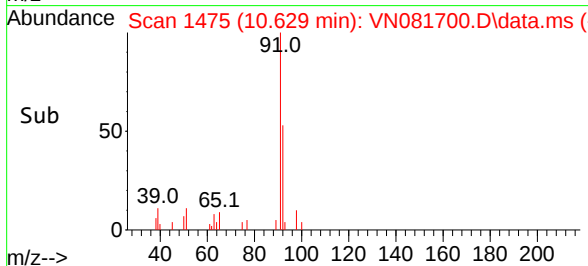
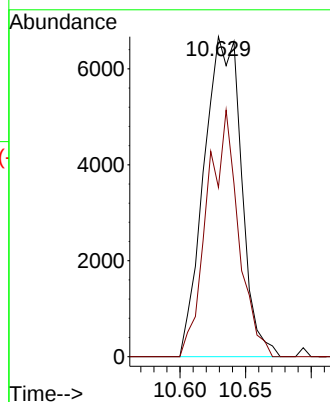
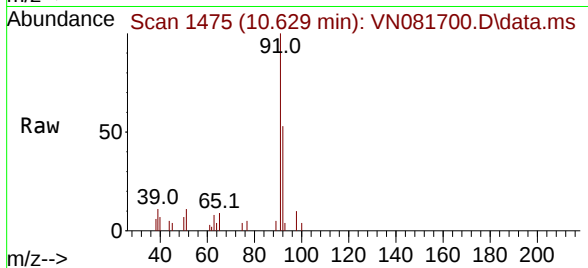
92 64.5 46.5 69.7

Manual Integrations

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Reviewed By :John Carlone 04/12/2024

Supervised By :Mahesh Dadoda 04/12/2024



#63

Toluene-d8

Concen: 27.559 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081700.D

Acq: 11 Apr 2024 16:38

Tgt Ion: 98 Resp: 193412

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

