

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082101.D
 Acq On : 13 May 2024 17:10
 Operator : JC\MD
 Sample : P2461-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410100-04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

Quant Time: May 14 03:34:35 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	24338	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	136784	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	114828	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63076	30.955	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.167%
60) 4-Bromofluorobenzene	12.853	95	52968	27.718	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.400%
63) Toluene-d8	10.565	98	169947	31.165	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.867%
Target Compounds						
25) Chloroform	7.965	83	3942m	1.341	ug/l	Qvalue
62) Toluene	10.630	91	10389	1.608	ug/l	91

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

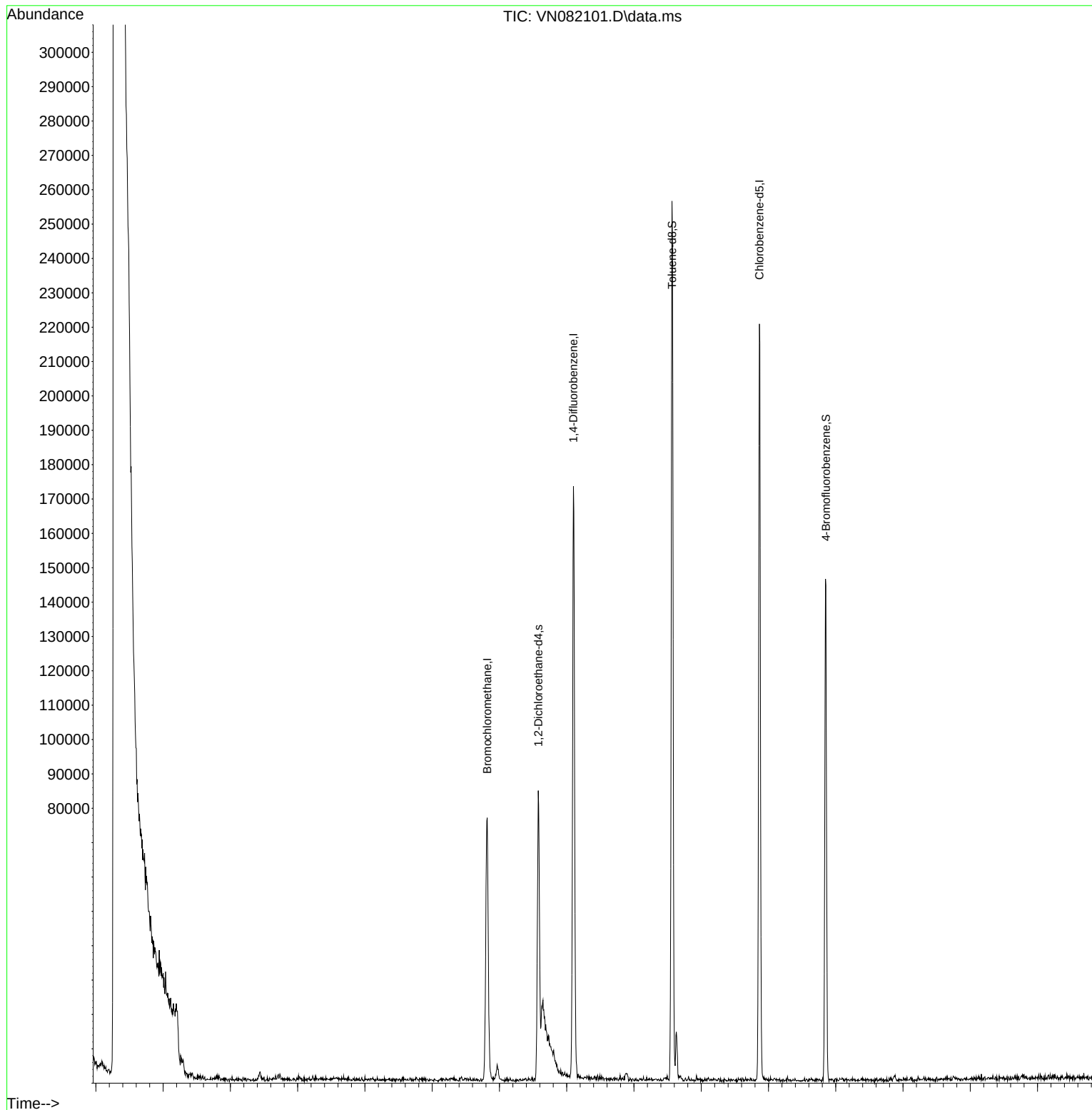
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
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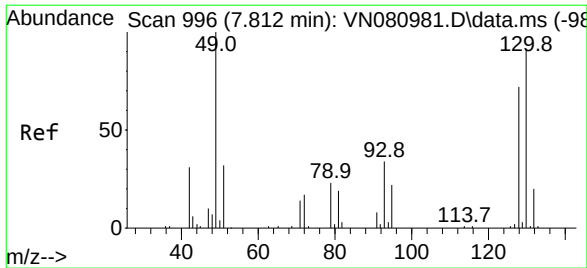
Instrument :
MSVOA_N
ClientSampleId :
240410100-04

Quant Time: May 14 03:34:35 2024
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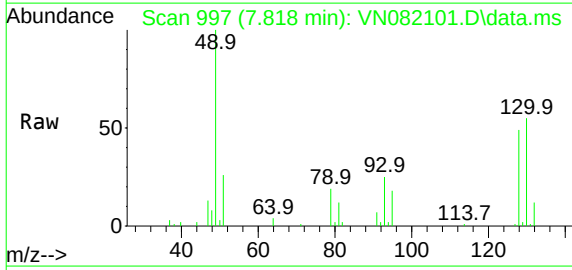
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

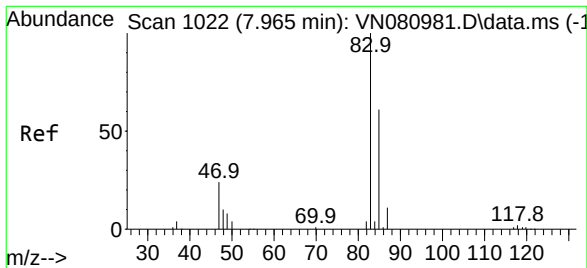
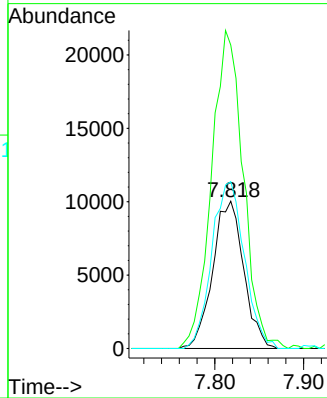
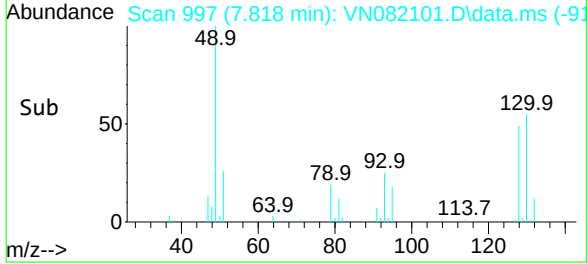
Instrument :
MSVOA_N
ClientSampleId :
240410100-04



Tgt Ion: 128 Resp: 24338
Ion Ratio Lower Upper
128 100
49 218.5 0.0 403.7
130 119.3 0.0 323.3

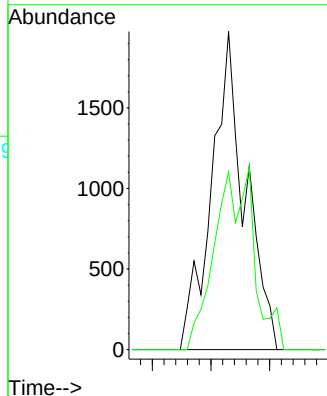
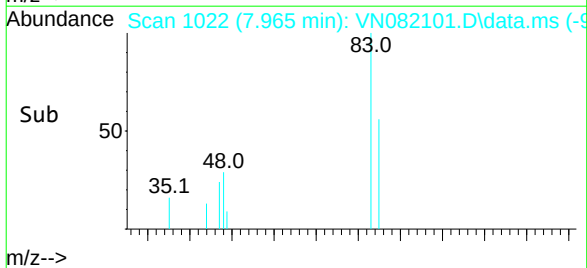
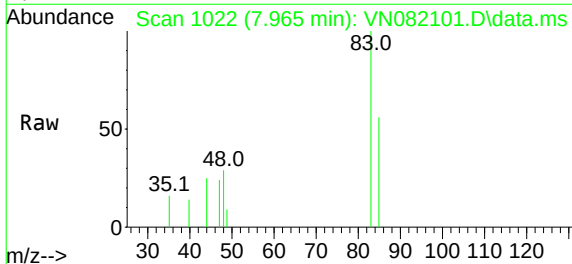
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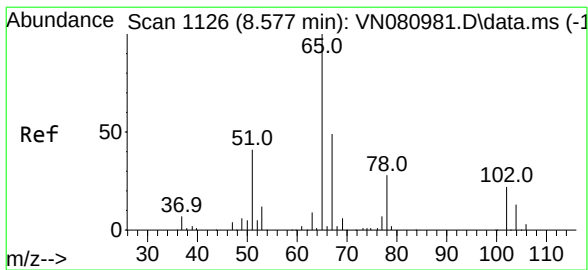
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024



#25
Chloroform
Concen: 1.341 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

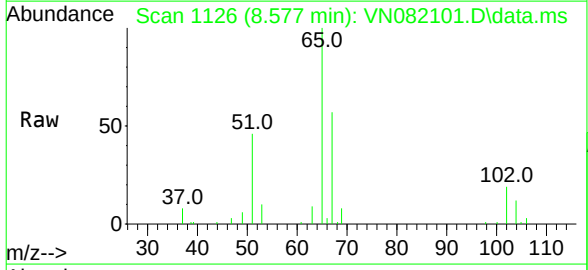
Tgt Ion: 83 Resp: 3942
Ion Ratio Lower Upper
83 100
85 55.9 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 30.955 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

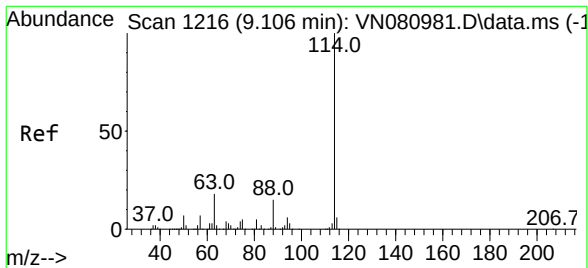
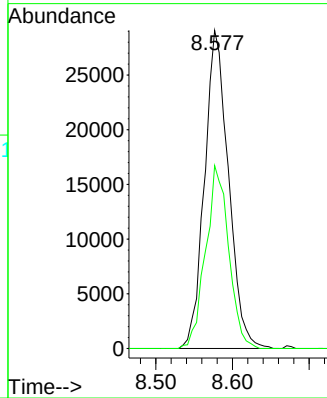
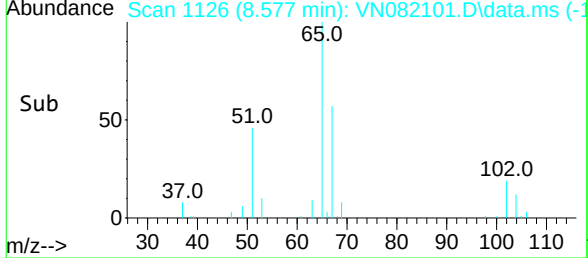
Instrument :
MSVOA_N
ClientSampleId :
240410100-04



Tgt Ion: 65 Resp: 63076
Ion Ratio Lower Upper
65 100
67 55.4 43.2 64.8

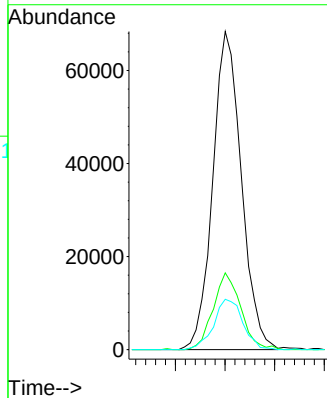
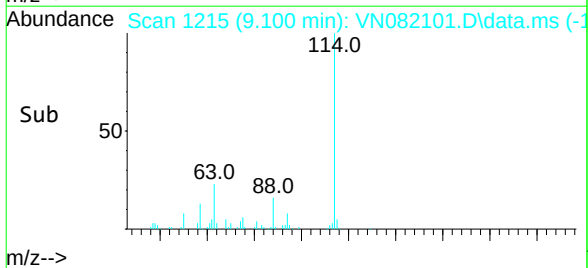
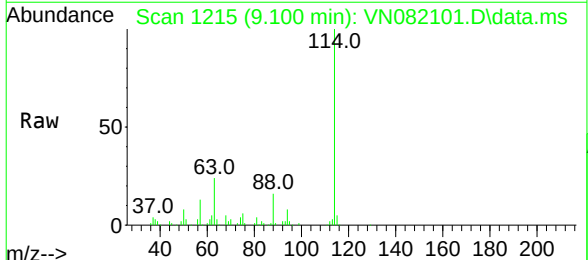
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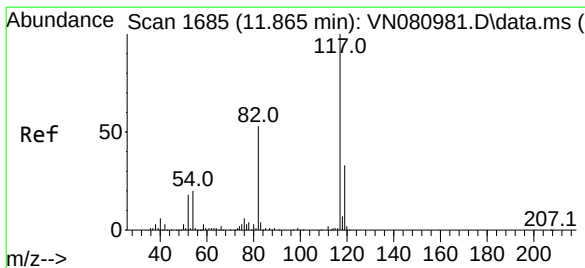
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

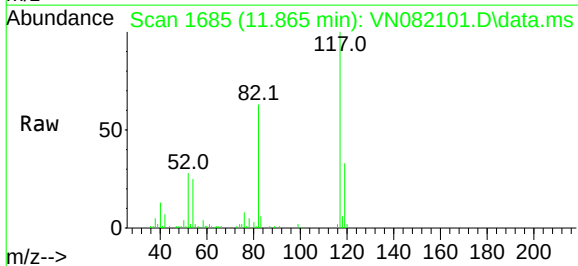
Tgt Ion:114 Resp: 136784
Ion Ratio Lower Upper
114 100
63 23.2 15.9 23.9
88 16.0 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

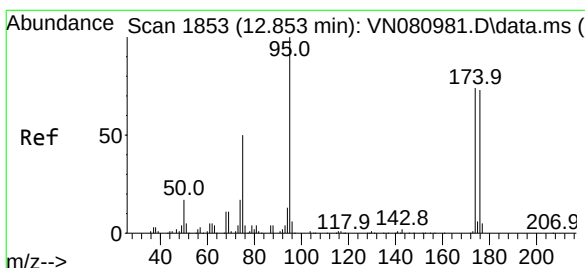
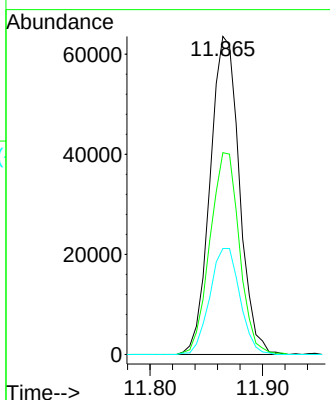
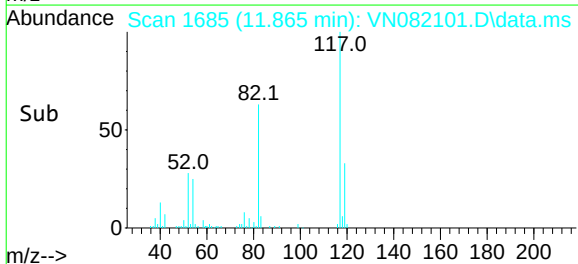
Instrument :
MSVOA_N
ClientSampleId :
240410100-04



Tgt Ion:117 Resp: 114828
Ion Ratio Lower Upper
117 100
82 63.9 46.6 69.8
119 34.3 25.4 38.2

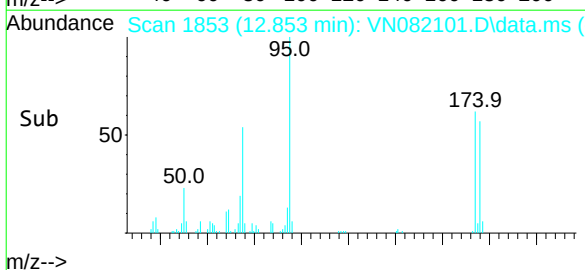
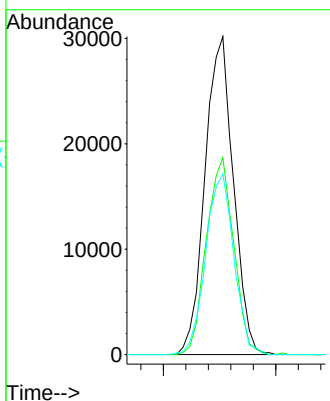
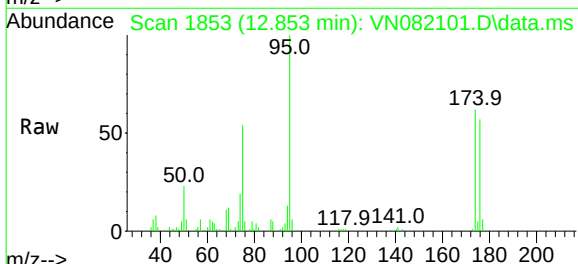
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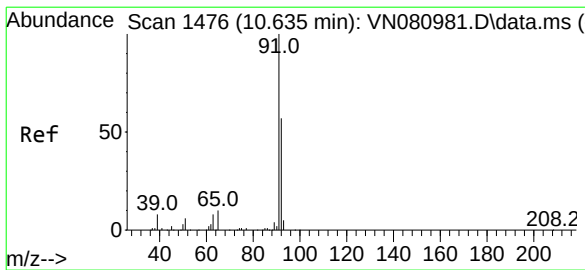
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
4-Bromofluorobenzene
Concen: 27.718 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082101.D
Acq: 13 May 2024 17:10

Tgt Ion: 95 Resp: 52968
Ion Ratio Lower Upper
95 100
174 59.7 60.5 90.7#
176 56.5 57.8 86.6#





#62

Toluene

Concen: 1.608 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082101.D

Acq: 13 May 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

240410100-04

Tgt Ion: 91 Resp: 10389

Ion Ratio Lower Upper

91 100

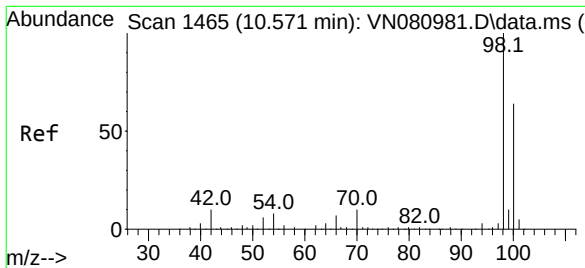
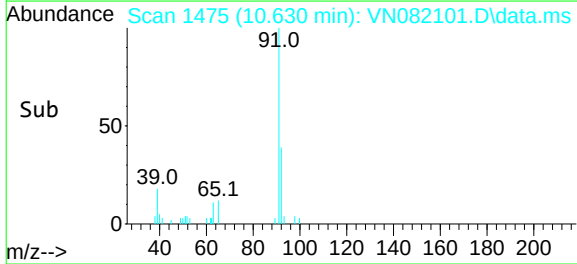
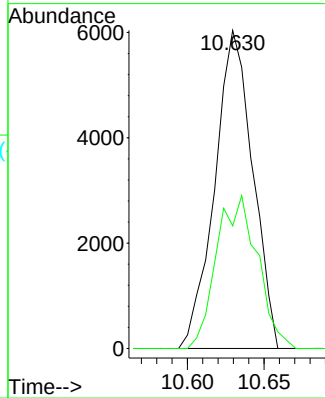
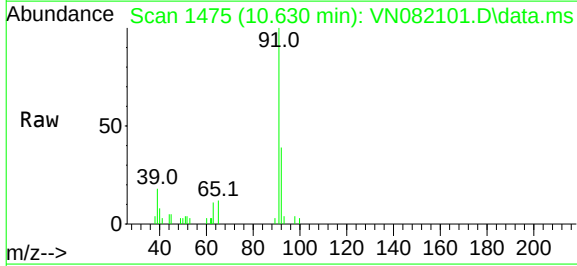
92 51.8 46.5 69.7

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#63

Toluene-d8

Concen: 31.165 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082101.D

Acq: 13 May 2024 17:10

Tgt Ion: 98 Resp: 169947

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1

