

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081809.D
 Acq On : 19 Apr 2024 15:16
 Operator : JC\MD
 Sample : P2191-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417089-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 23:39:50 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	14085m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	83364	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.870	117	108153	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	50561	29.220	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.400%
60) 4-Bromofluorobenzene	12.853	95	55752	26.220	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.400%
63) Toluene-d8	10.565	98	124396	28.674	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.567%

Target Compounds	Qvalue

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

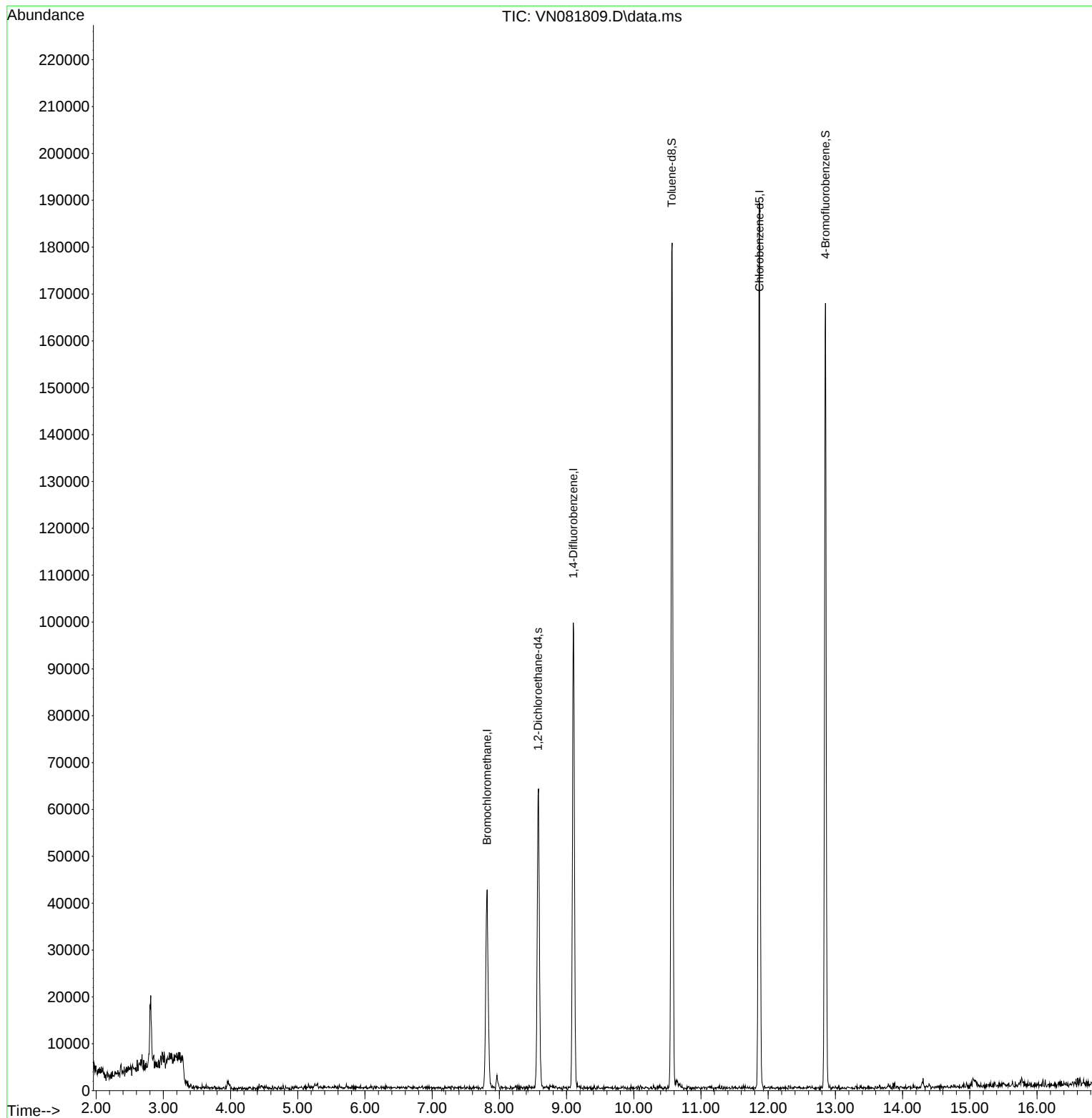
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
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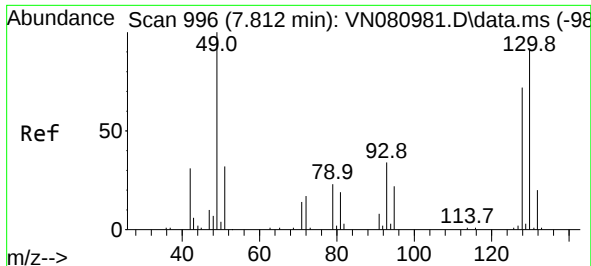
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

240417089-01

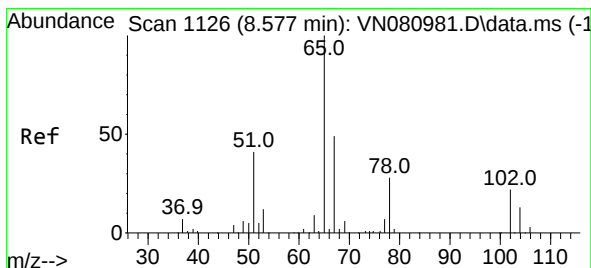
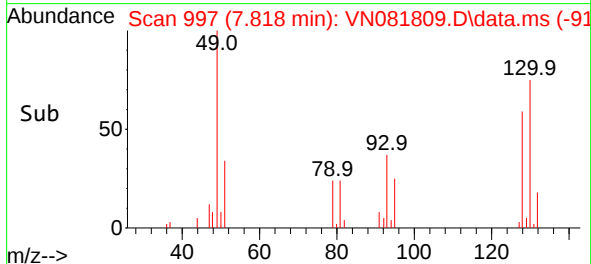
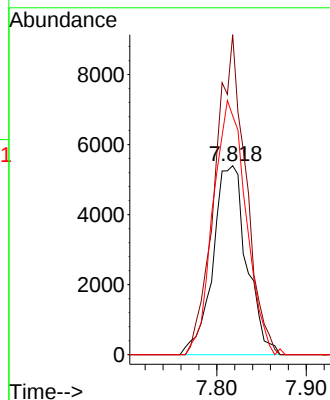
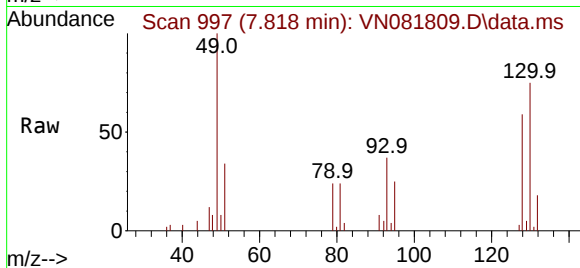
Tgt Ion:128 Resp: 1408
Ion Ratio Lower Upper
128 100
49 0.0 0.0 403.7
130 0.0 0.0 323.3

Manual Integrations

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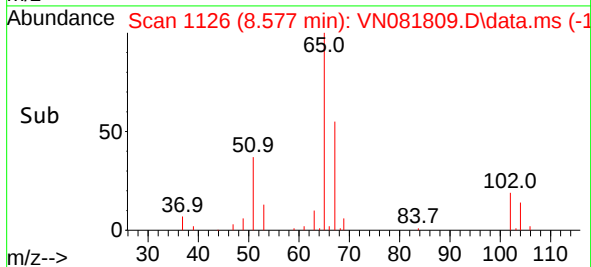
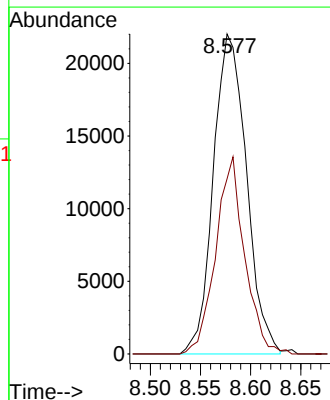
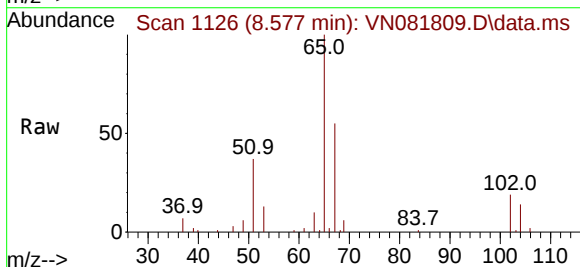
Reviewed By :John Carlone 04/22/2024

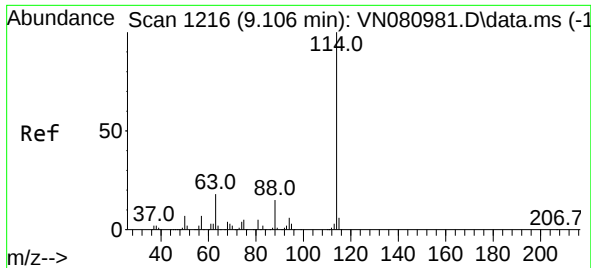
Supervised By :Mahesh Dadoda 04/22/2024



#27
1,2-Dichloroethane-d4
Concen: 29.220 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Tgt Ion: 65 Resp: 50561
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8





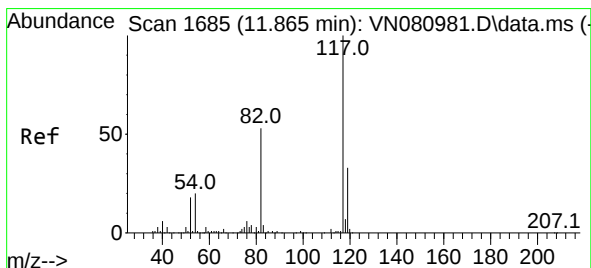
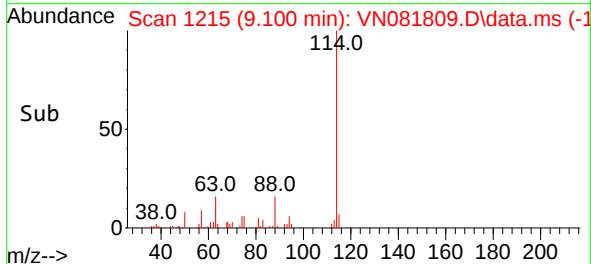
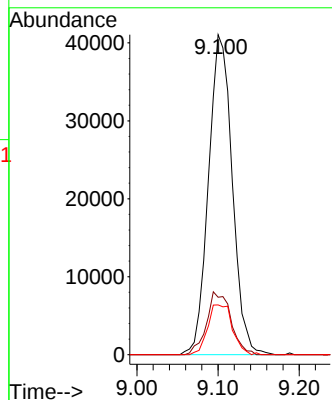
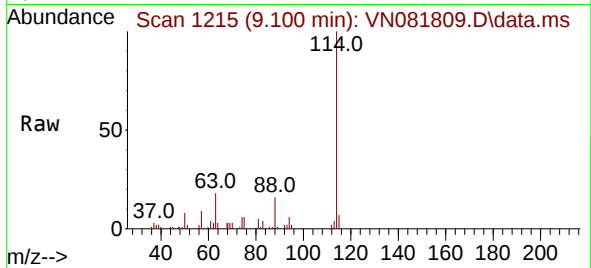
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Instrument :
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ClientSampleId :
240417089-01

Tgt Ion:114 Resp: 83364
Ion Ratio Lower Upper
114 100
63 20.2 15.9 23.9
88 10.8 12.7 19.1

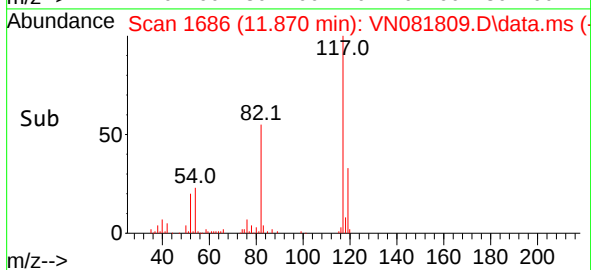
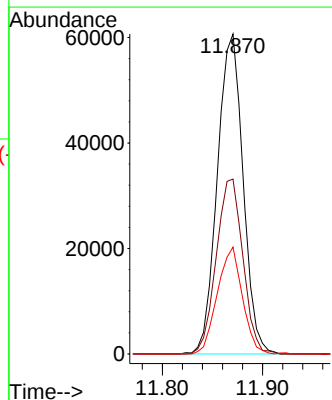
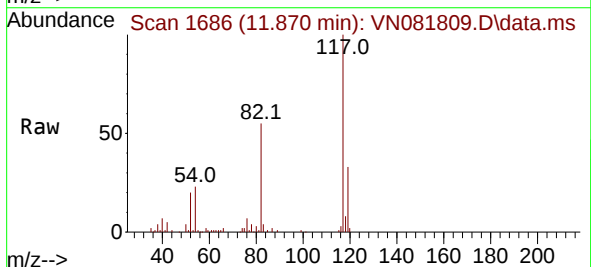
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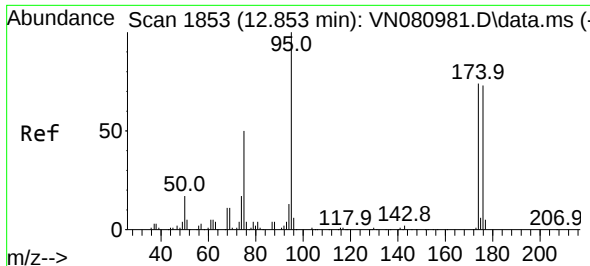
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Tgt Ion:117 Resp: 108153
Ion Ratio Lower Upper
117 100
82 56.4 46.6 69.8
119 32.4 25.4 38.2





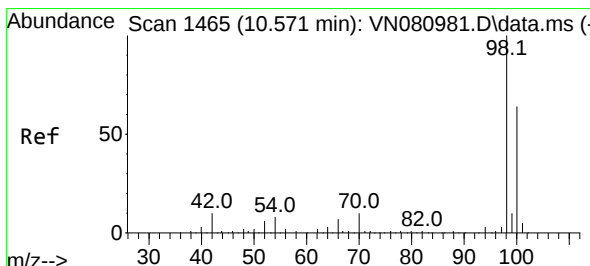
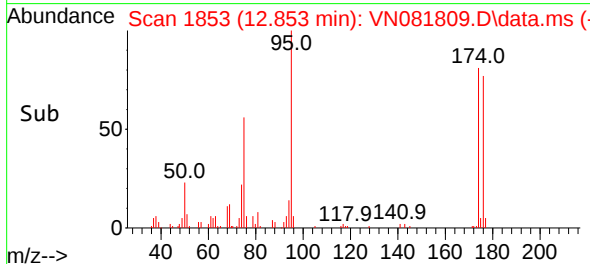
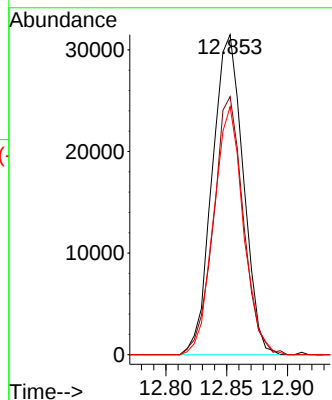
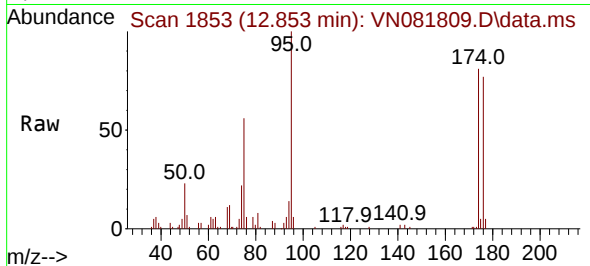
#60
4-Bromofluorobenzene
Concen: 26.220 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Instrument :
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Tgt Ion: 95 Resp: 55752
Ion Ratio Lower Upper
95 100
174 77.5 60.5 90.7
176 74.4 57.8 86.6

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#63
Toluene-d8
Concen: 28.674 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081809.D
Acq: 19 Apr 2024 15:16

Tgt Ion: 98 Resp: 124396
Ion Ratio Lower Upper
98 100
100 62.0 52.7 79.1

