

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082100.D
 Acq On : 13 May 2024 16:46
 Operator : JC\MD
 Sample : P2461-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410005-03

Manual Integrations
 APPROVED

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

Quant Time: May 14 03:34:17 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	7.812	128	19512	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	117617	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	96787	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	53150	32.535	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.433%
60) 4-Bromofluorobenzene	12.853	95	45890	28.490	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.967%
63) Toluene-d8	10.571	98	149287	32.479	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	108.267%
Target Compounds					Qvalue	
15) Acetone	4.430	58	4847m	31.784	ug/l	
25) Chloroform	7.959	83	8436	3.580	ug/l	86

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

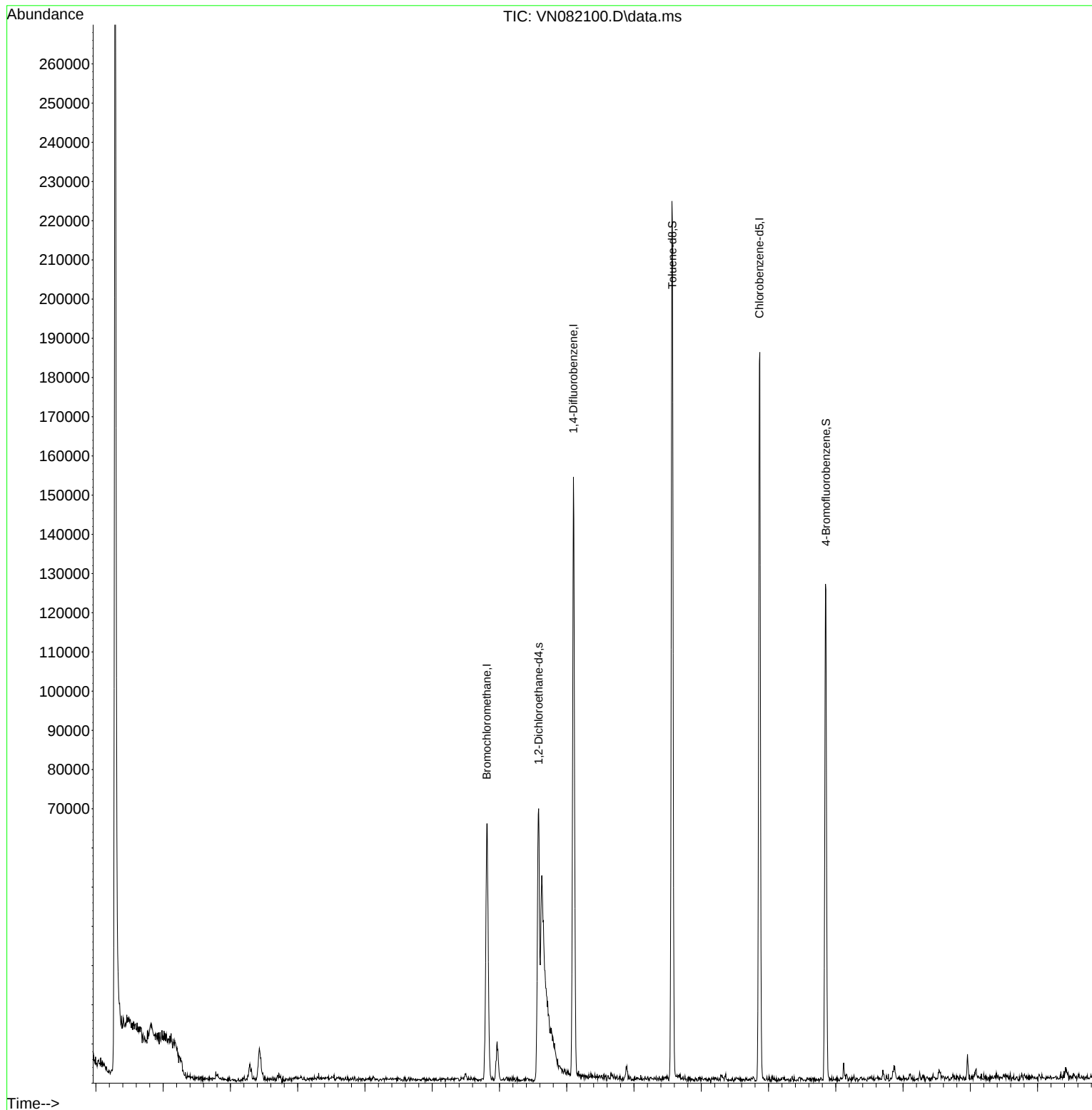
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
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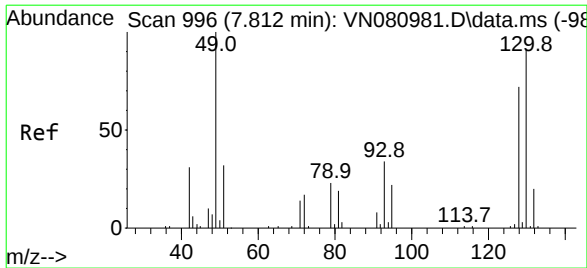
Instrument :
MSVOA_N
ClientSampleId :
240410005-03

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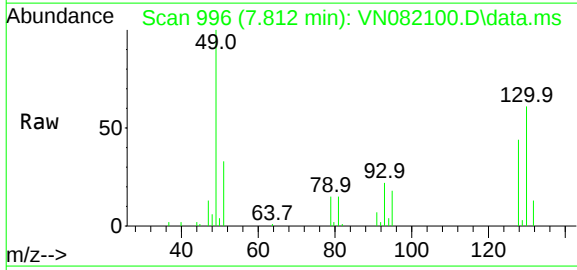
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

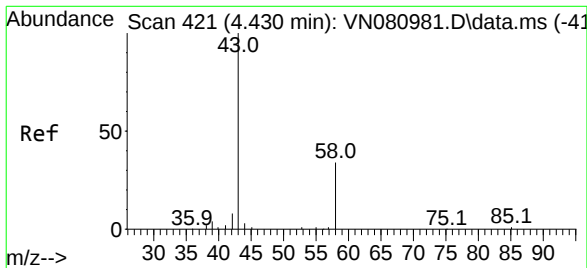
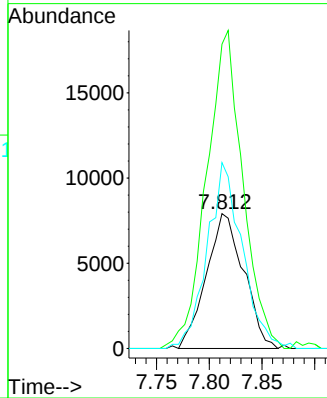
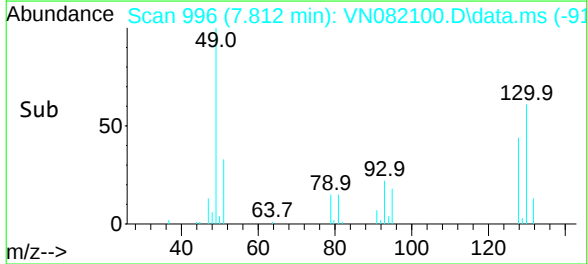
Instrument :
MSVOA_N
ClientSampleId :
240410005-03



Tgt Ion:128 Resp: 19512
Ion Ratio Lower Upper
128 100
49 228.2 0.0 403.7
130 129.4 0.0 323.3

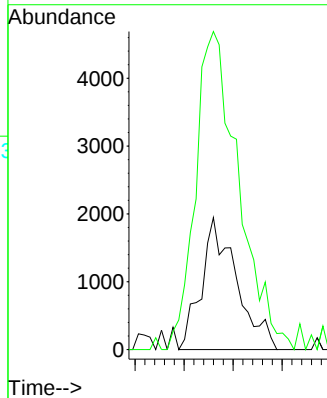
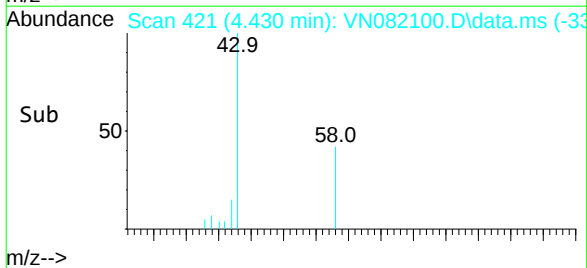
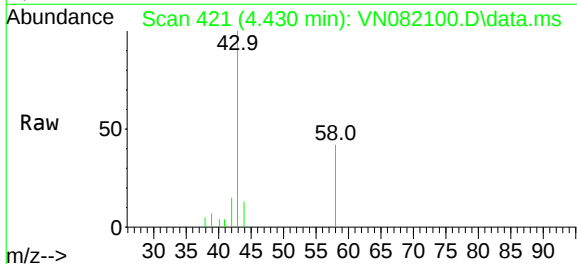
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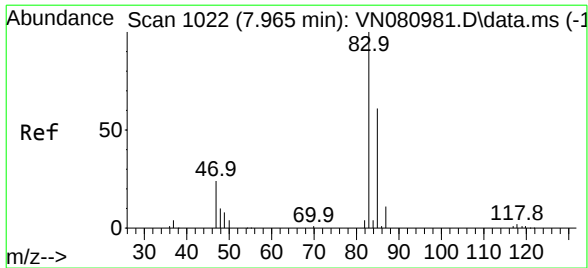
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Supervised By :Mahesh Dadoda 05/14/2024



#15
Acetone
Concen: 31.784 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Tgt Ion: 58 Resp: 4847
Ion Ratio Lower Upper
58 100
43 241.0 223.1 334.7





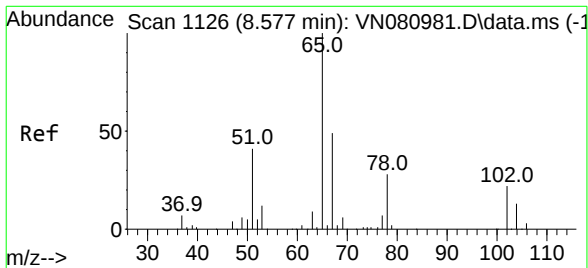
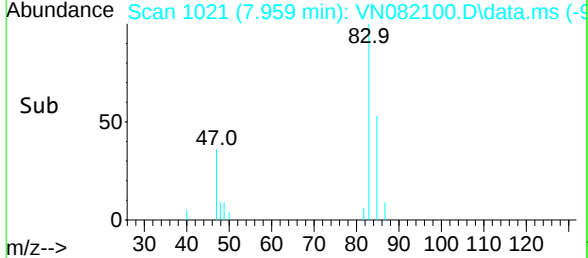
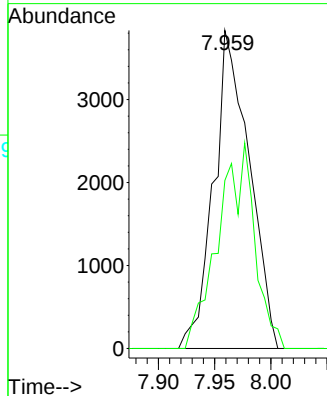
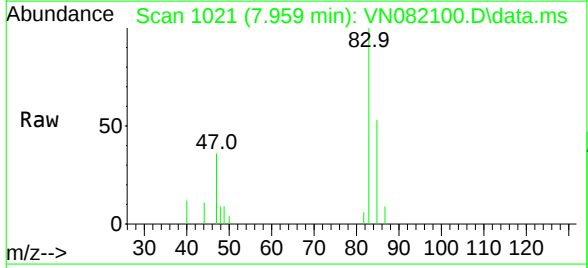
#25
Chloroform
Concen: 3.580 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Instrument :
MSVOA_N
ClientSampleId :
240410005-03

Tgt Ion: 83 Resp: 8436
Ion Ratio Lower Upper
83 100
85 52.8 50.9 76.3

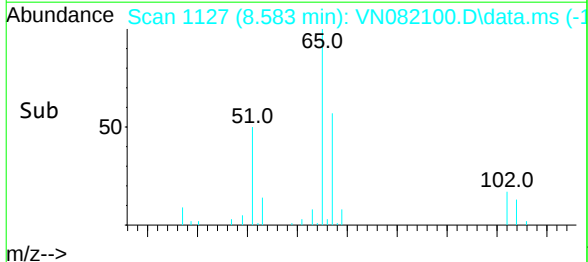
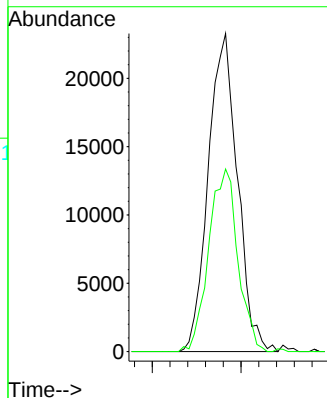
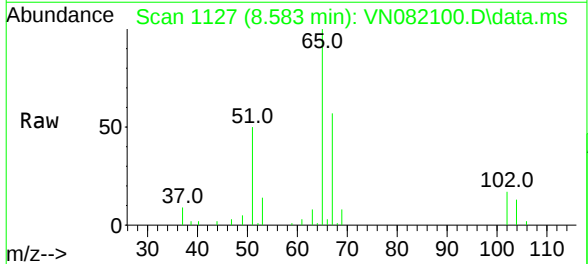
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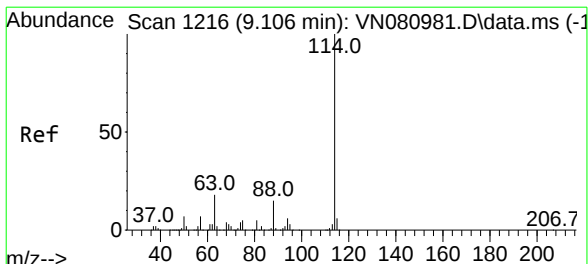
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#27
1,2-Dichloroethane-d4
Concen: 32.535 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Tgt Ion: 65 Resp: 53150
Ion Ratio Lower Upper
65 100
67 57.2 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: VN082100.D
Acq: 13 May 2024 16:46

Instrument :

MSVOA_N

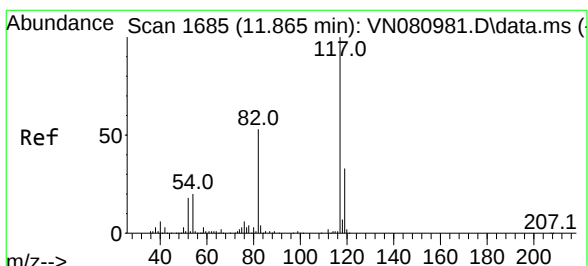
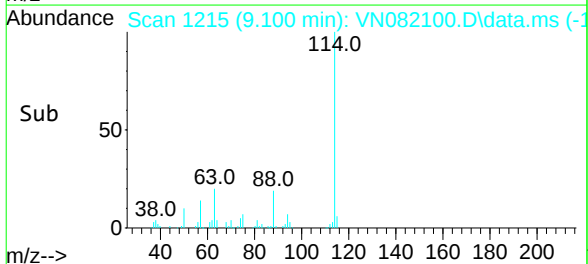
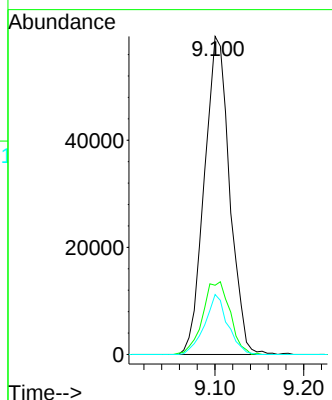
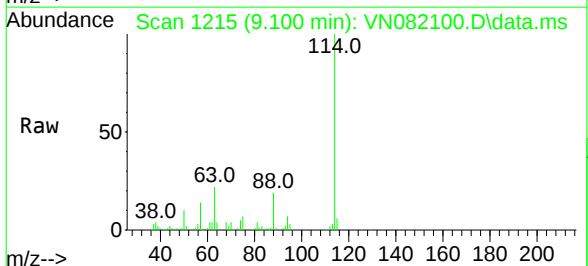
ClientSampleId :

240410005-03

Tgt Ion:	114	Resp:	117617
Ion	Ratio	Lower	Upper
114	100		
63	24.7	15.9	23.9
88	17.2	12.7	19.1

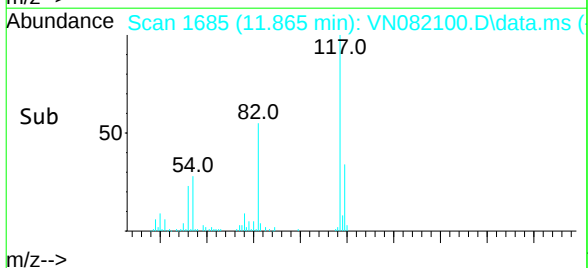
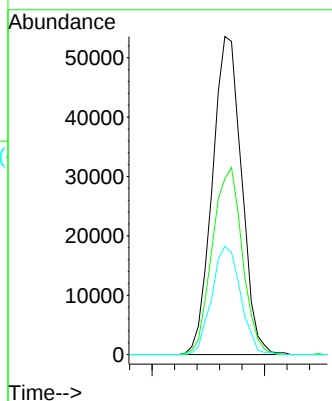
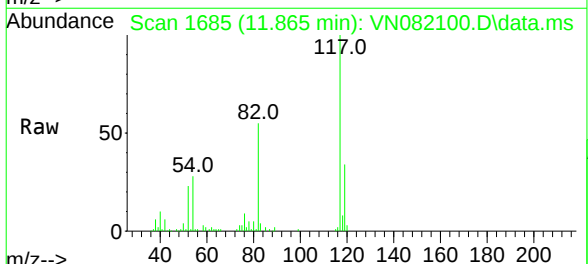
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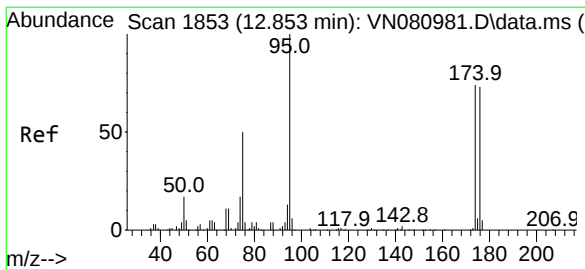
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Tgt Ion:	117	Resp:	96787
Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.6	69.8
119	33.5	25.4	38.2





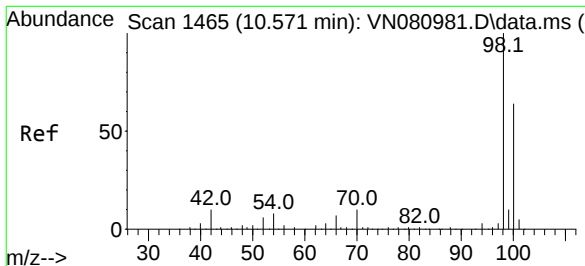
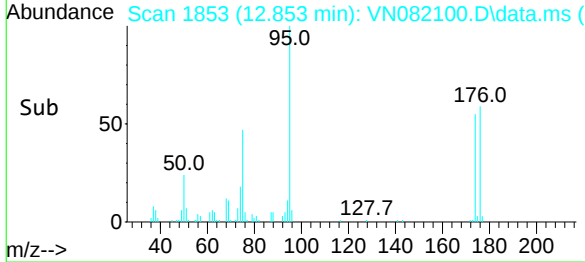
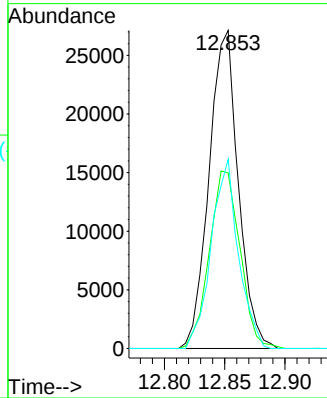
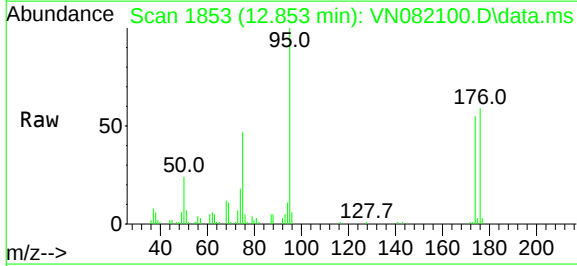
#60
4-Bromofluorobenzene
Concen: 28.490 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Instrument :
MSVOA_N
ClientSampleId :
240410005-03

Tgt Ion: 95 Resp: 45890
Ion Ratio Lower Upper
95 100
174 58.6 60.5 90.7#
176 55.2 57.8 86.6#

Manual Integrations
APPROVED

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



#63
Toluene-d8
Concen: 32.479 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082100.D
Acq: 13 May 2024 16:46

Tgt Ion: 98 Resp: 149287
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1

