

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082033.D
 Acq On : 08 May 2024 17:37
 Operator : JC\MD
 Sample : P2424-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240507002-04-TRIP-BLANK

Quant Time: May 09 01:04:50 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	29066	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	169940	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	141823	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	75441m	31.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	12.853	95	66141	28.023	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.400%
63) Toluene-d8	10.571	98	209100	31.046	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.500%
Target Compounds						
25) Chloroform	7.965	83	17658	5.030	ug/l	Qvalue 90

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

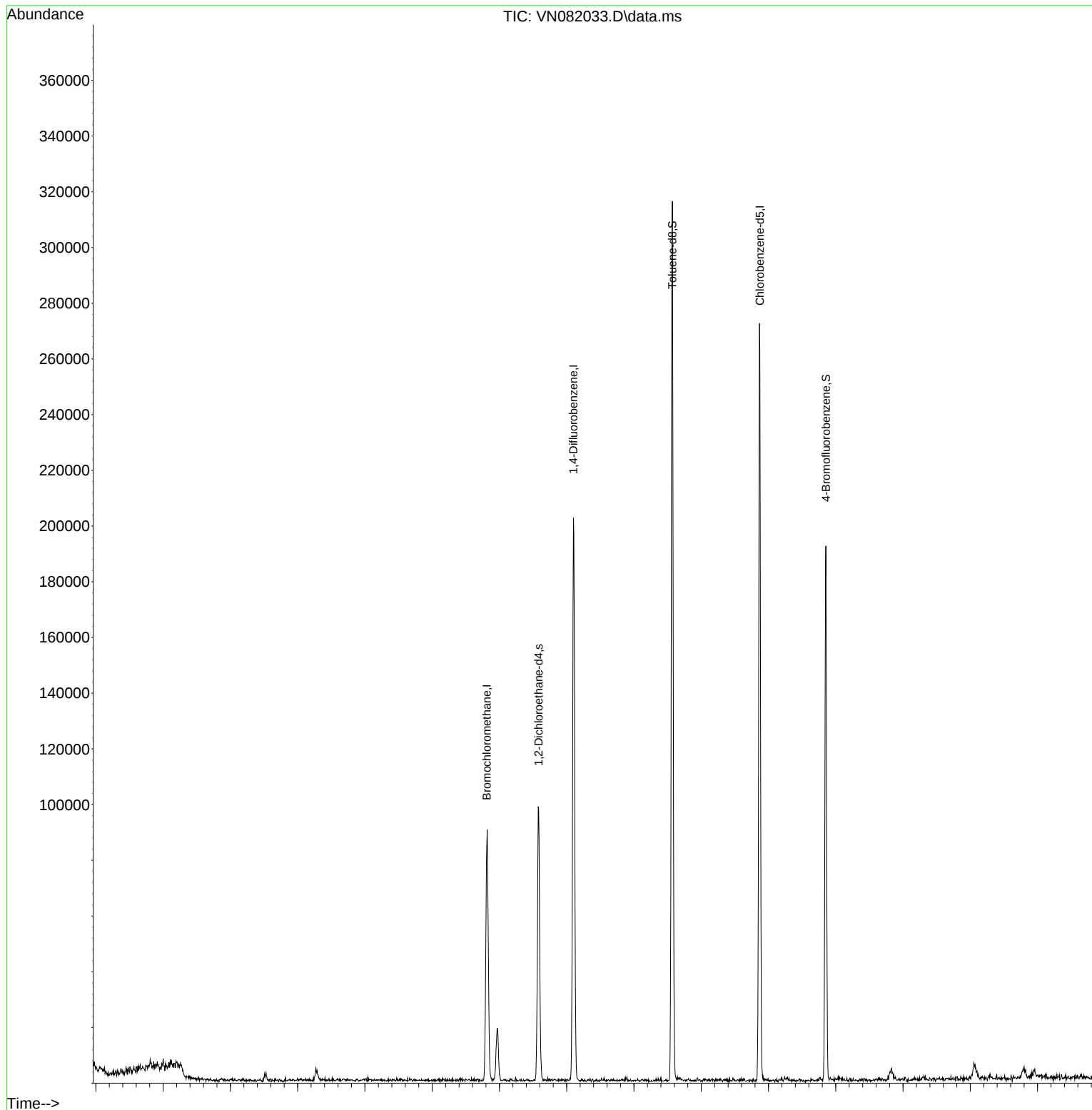
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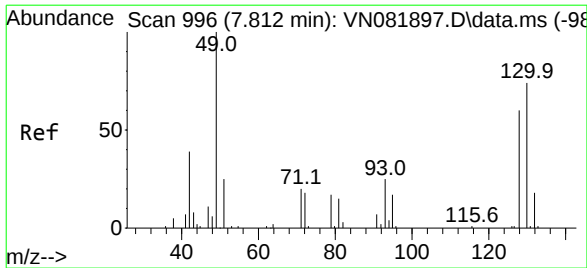
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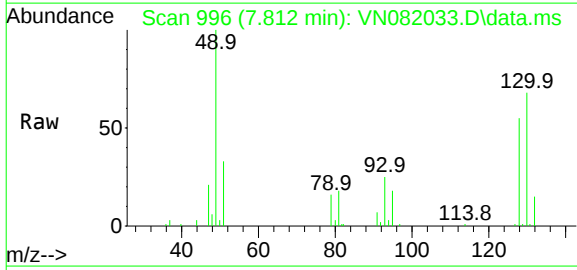
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Supervised By :Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

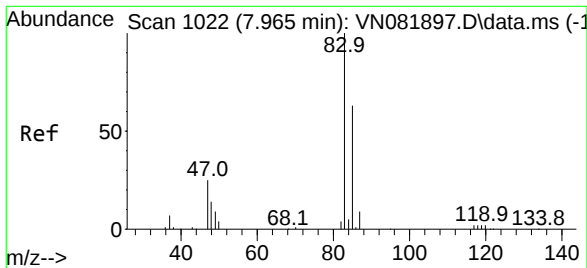
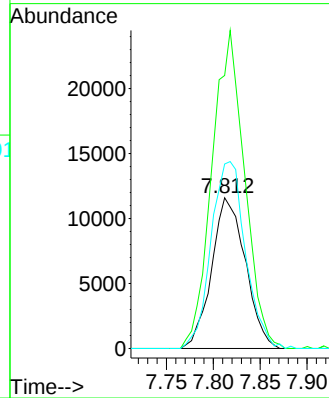
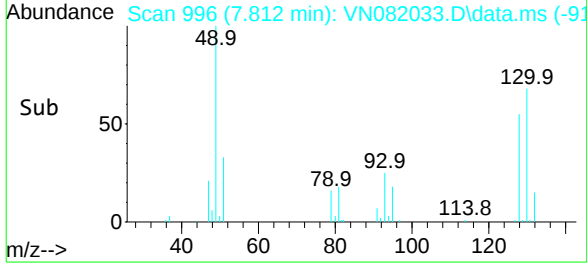
Instrument :
MSVOA_N
ClientSampleId :
240507002-04-TRIP-BLANK



Tgt Ion:128 Resp: 29066
Ion Ratio Lower Upper
128 100
49 203.7 0.0 403.7
130 126.1 0.0 323.3

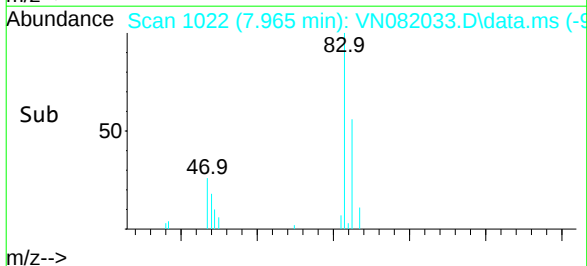
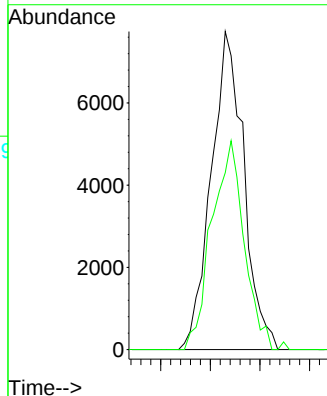
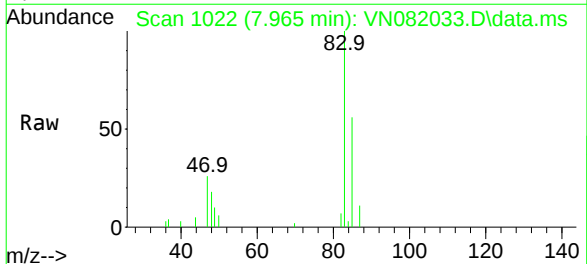
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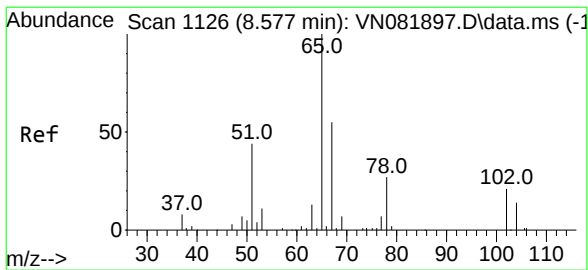
Reviewed By :John Carlone 05/09/2024
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#25
Chloroform
Concen: 5.030 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

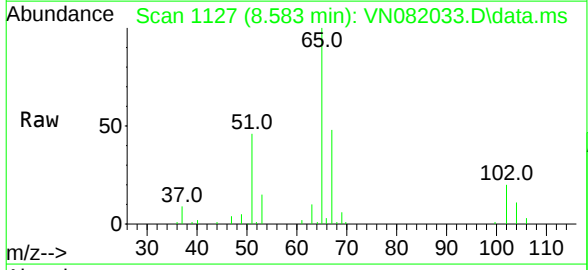
Tgt Ion: 83 Resp: 17658
Ion Ratio Lower Upper
83 100
85 55.6 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 31.000 ug/l m
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

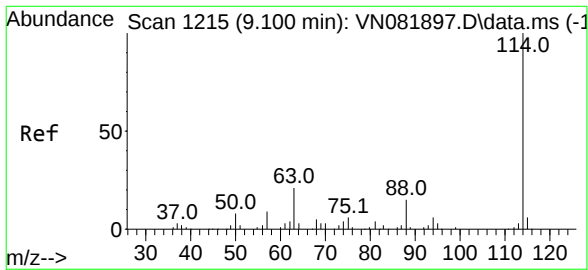
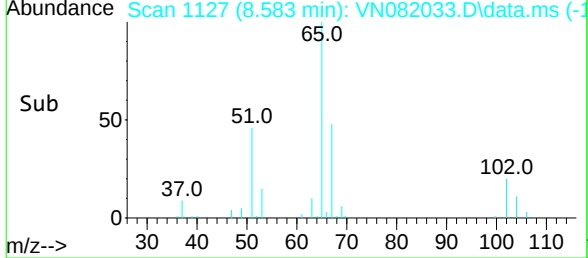
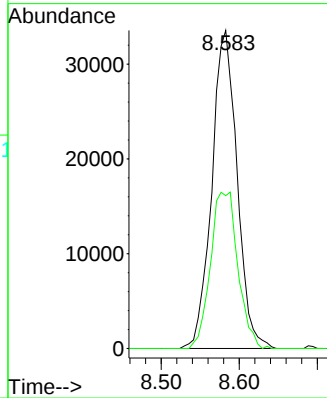
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Tgt Ion: 65 Resp: 75441
Ion Ratio Lower Upper
65 100
67 0.1 43.2 64.8

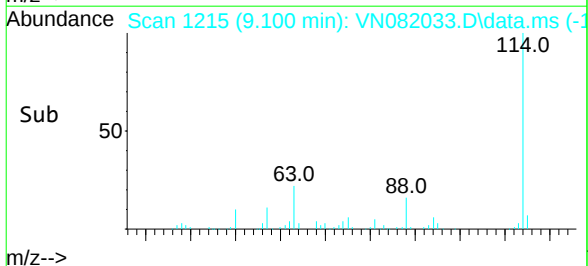
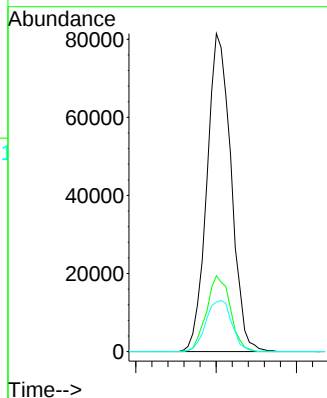
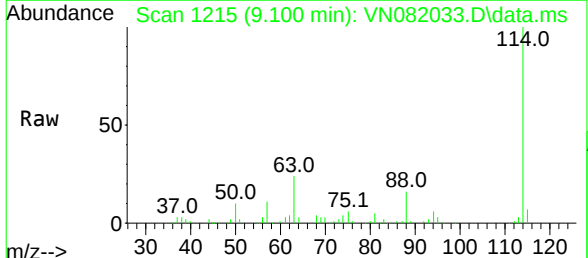
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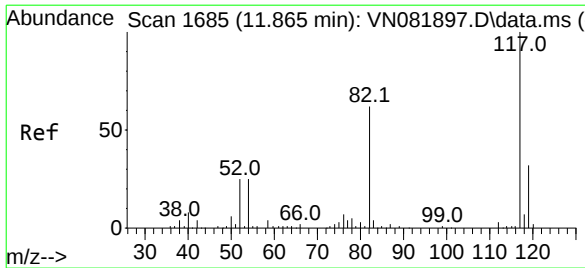
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

Tgt Ion:114 Resp: 169940
Ion Ratio Lower Upper
114 100
63 23.6 15.9 23.9
88 17.2 12.7 19.1





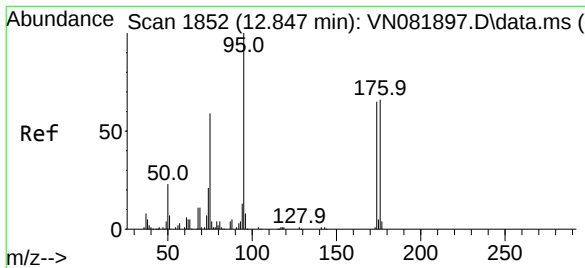
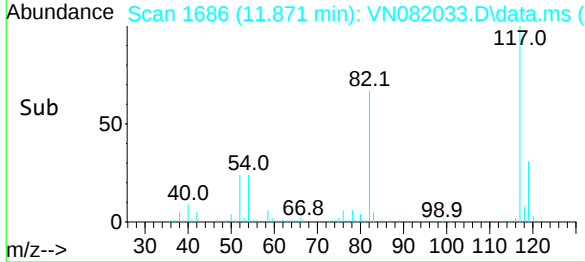
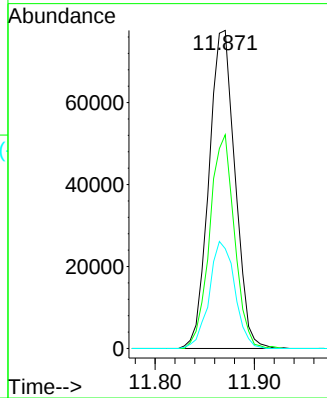
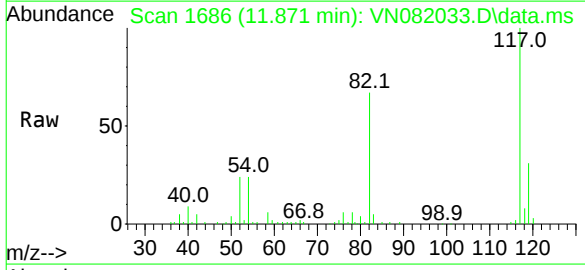
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

Instrument :
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240507002-04-TRIP-BLANK

Tgt Ion:117 Resp: 141823
Ion Ratio Lower Upper
117 100
82 63.6 46.6 69.8
119 33.0 25.4 38.2

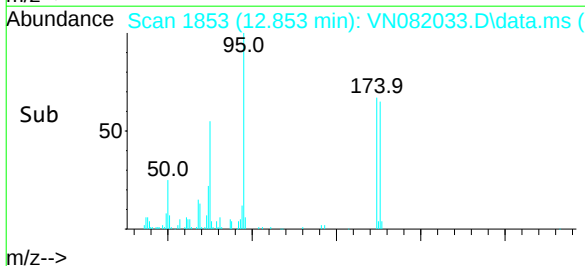
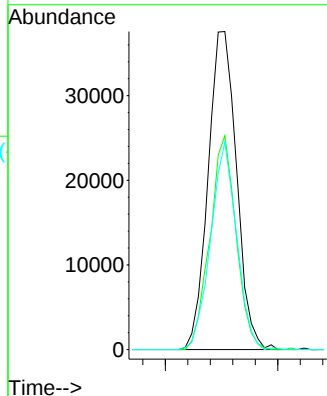
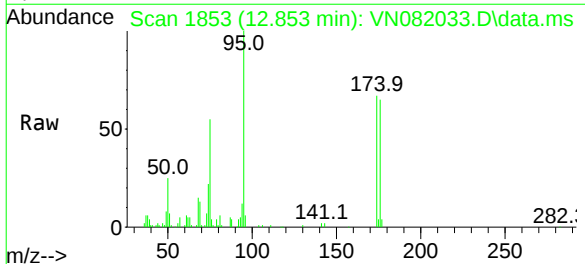
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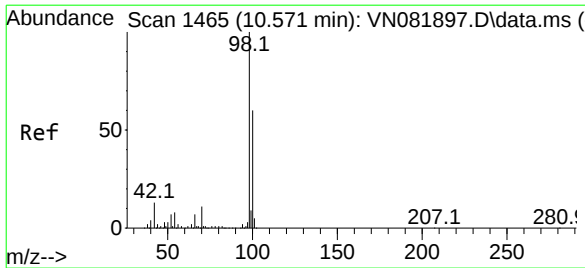
Reviewed By :John Carlone 05/09/2024
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#60
4-Bromofluorobenzene
Concen: 28.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

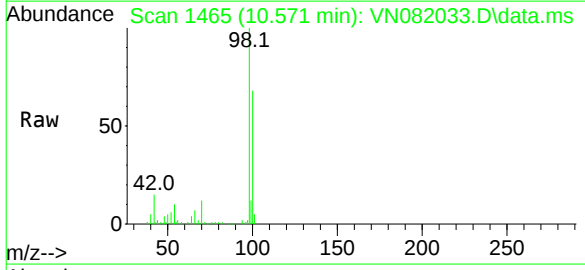
Tgt Ion: 95 Resp: 66141
Ion Ratio Lower Upper
95 100
174 61.7 60.5 90.7
176 59.4 57.8 86.6





#63
Toluene-d8
Concen: 31.046 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082033.D
Acq: 08 May 2024 17:37

Instrument : MSVOA_N
ClientSampleId : 240507002-04-TRIP-BLANK



Tgt Ion: 98 Resp: 209100
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1

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