

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082097.D
 Acq On : 13 May 2024 15:34
 Operator : JC\MD
 Sample : P2459-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430044-02

Manual Integrations
 APPROVED

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

Quant Time: May 14 03:33:24 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	25940	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	147769	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	121163	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67419	31.043	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.467%
60) 4-Bromofluorobenzene	12.847	95	54827	27.190	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.633%
63) Toluene-d8	10.571	98	179911	31.267	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.233%
Target Compounds						
15) Acetone	4.436	58	3337m	16.460	ug/l	Qvalue

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

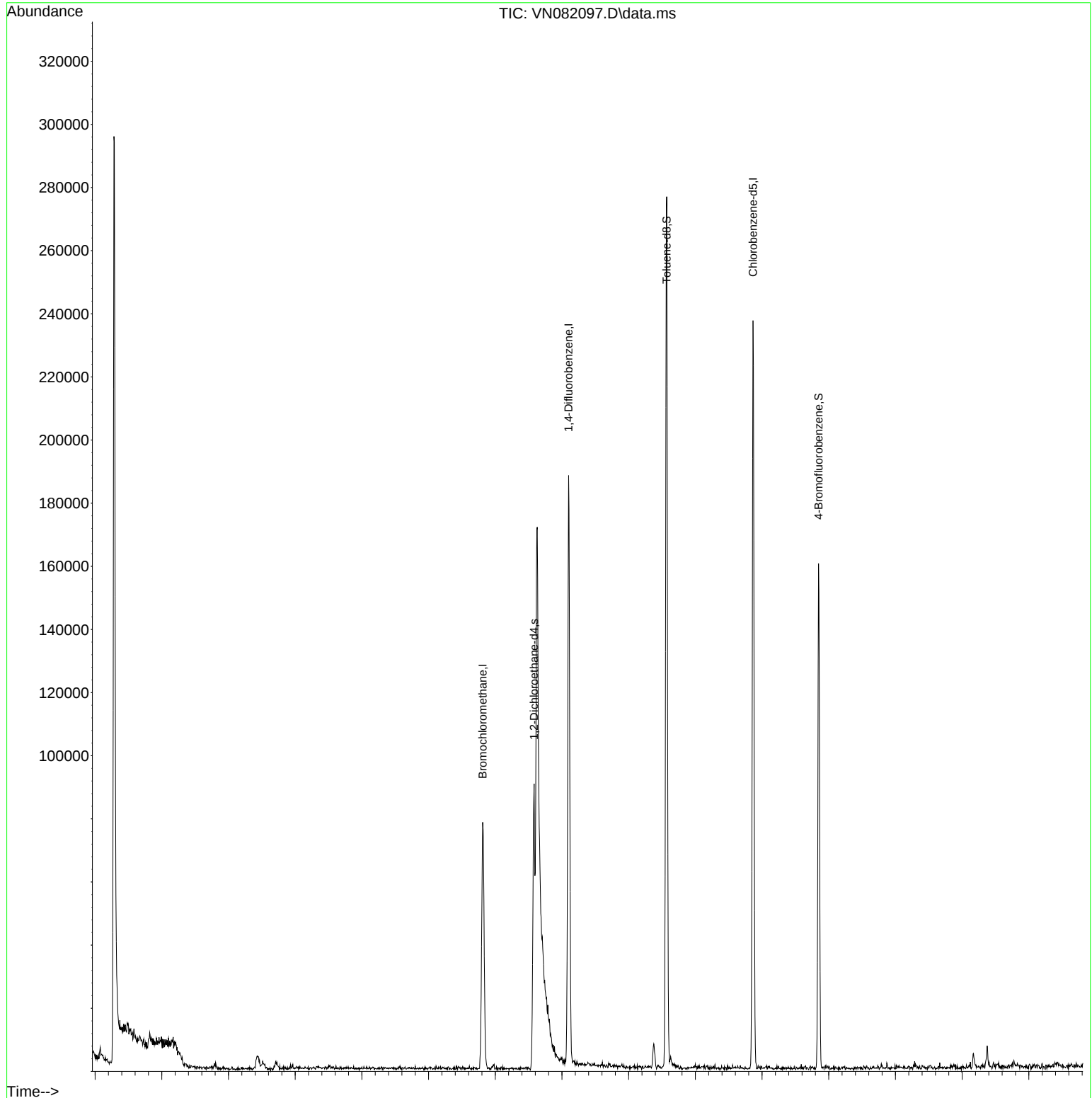
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
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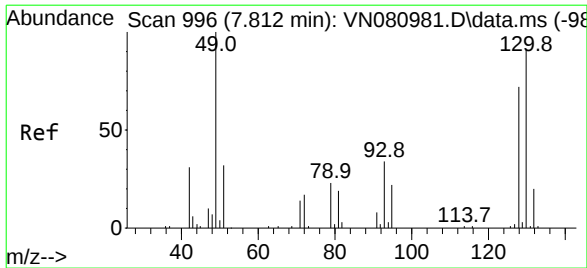
Instrument :
MSVOA_N
ClientSampleId :
240430044-02

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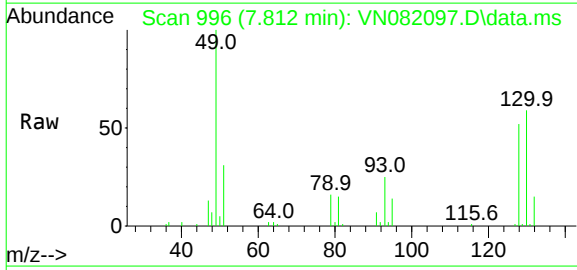
Quant Time: May 14 03:33:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

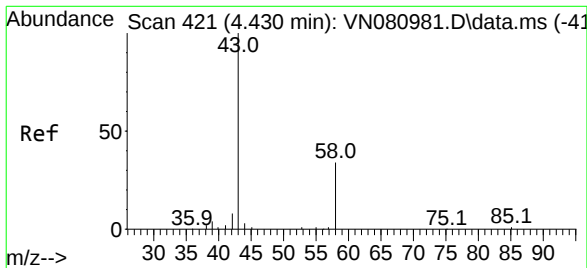
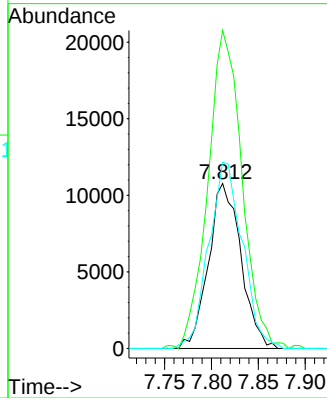
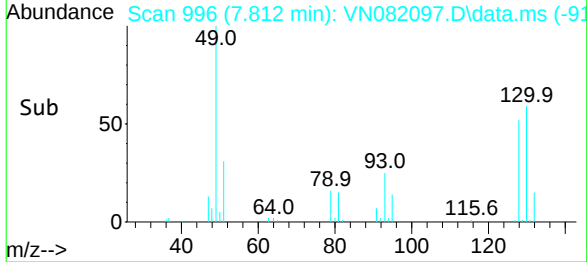
Instrument :
MSVOA_N
ClientSampleId :
240430044-02



Tgt Ion:128 Resp: 25940
Ion Ratio Lower Upper
128 100
49 201.1 0.0 403.7
130 117.1 0.0 323.3

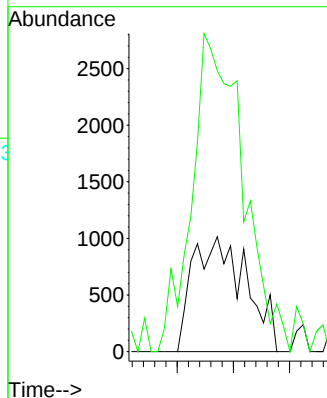
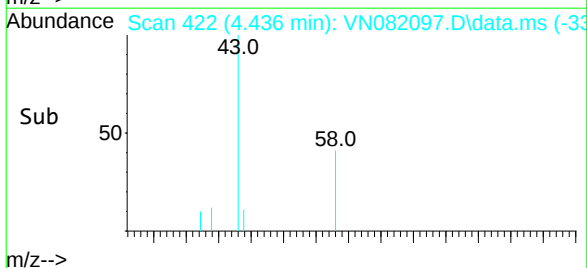
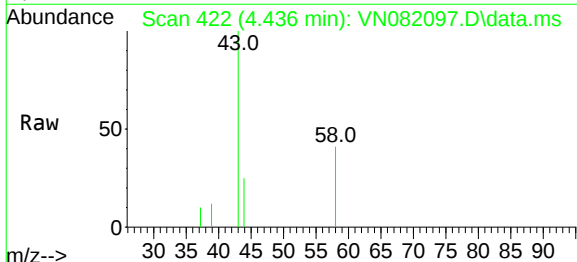
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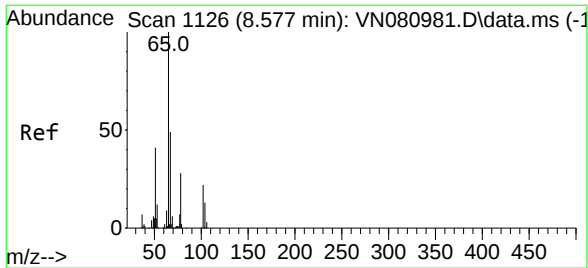
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#15
Acetone
Concen: 16.460 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

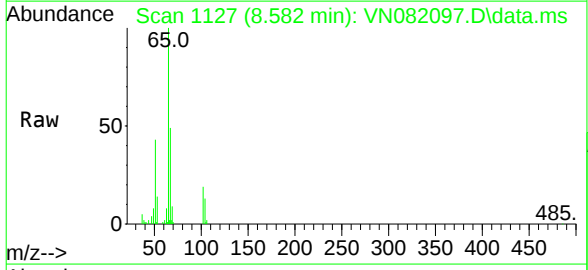
Tgt Ion: 58 Resp: 3337
Ion Ratio Lower Upper
58 100
43 244.4 223.1 334.7





#27
1,2-Dichloroethane-d4
Concen: 31.043 ug/l
RT: 8.582 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

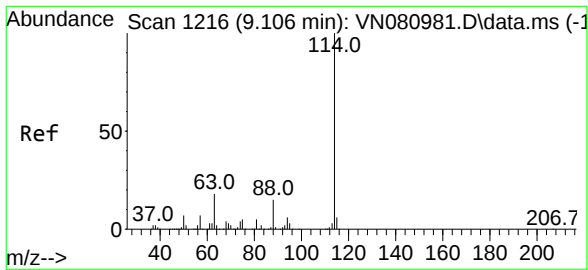
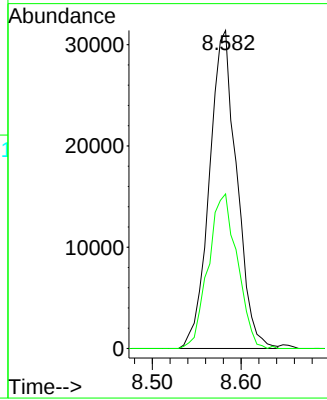
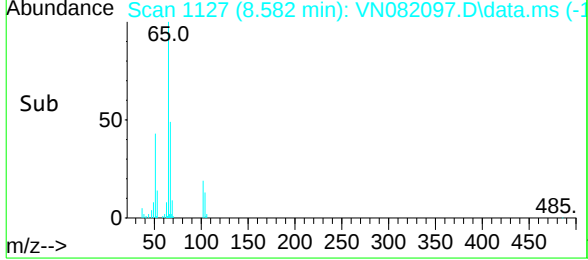
Instrument :
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ClientSampleId :
240430044-02



Tgt Ion: 65 Resp: 67419
Ion Ratio Lower Upper
65 100
67 51.3 43.2 64.8

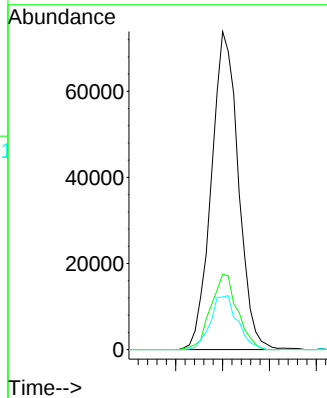
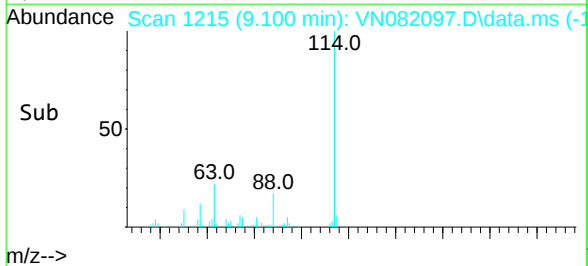
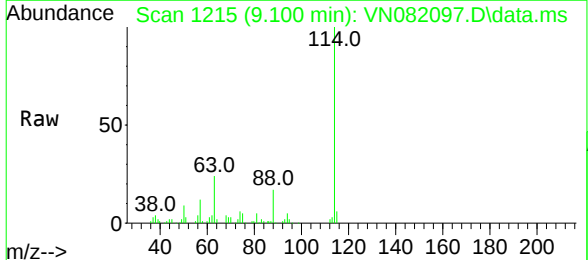
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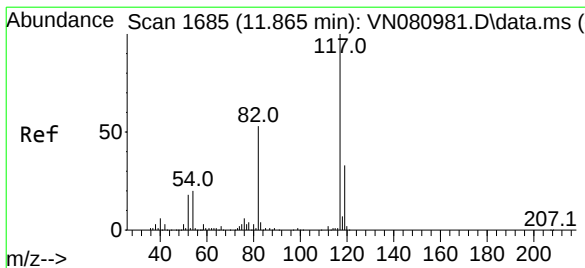
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

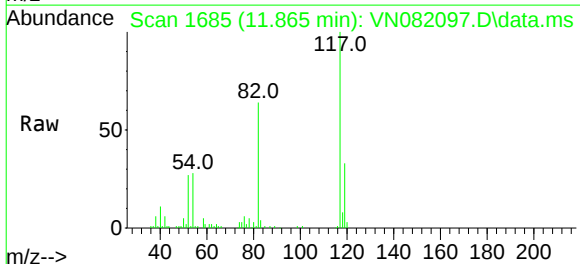
Tgt Ion:114 Resp: 147769
Ion Ratio Lower Upper
114 100
63 23.5 15.9 23.9
88 17.0 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

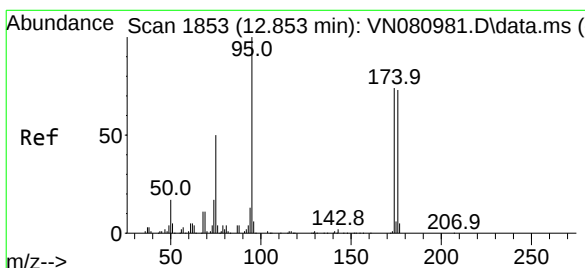
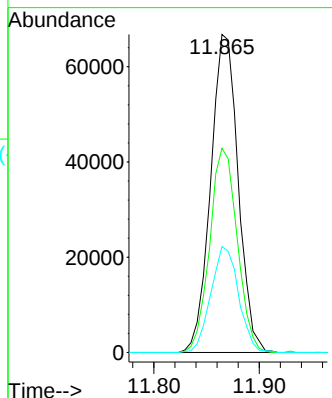
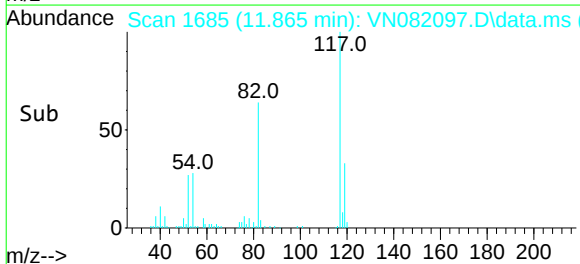
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MSVOA_N
ClientSampleId :
240430044-02



Tgt Ion:117 Resp: 121163
Ion Ratio Lower Upper
117 100
82 64.2 46.6 69.8
119 33.5 25.4 38.2

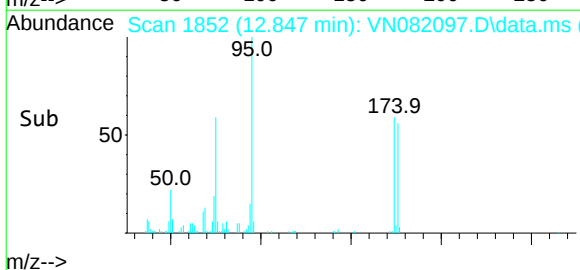
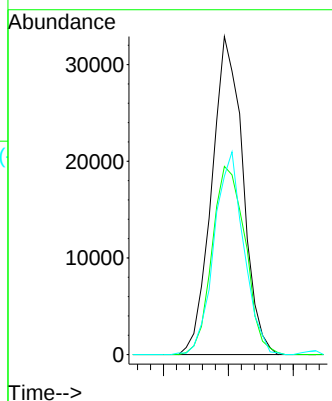
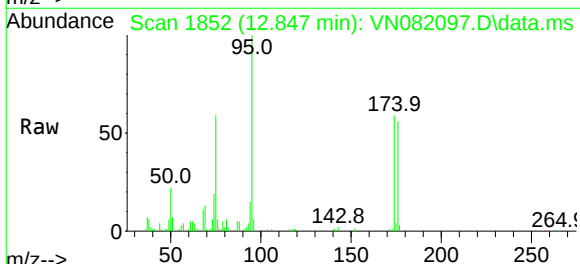
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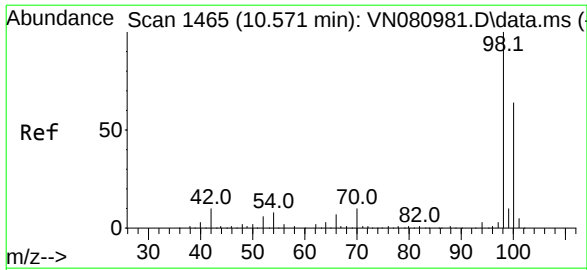
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
4-Bromofluorobenzene
Concen: 27.190 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

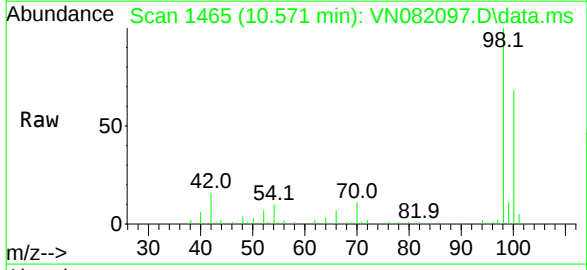
Tgt Ion: 95 Resp: 54827
Ion Ratio Lower Upper
95 100
174 63.0 60.5 90.7
176 60.9 57.8 86.6





#63
Toluene-d8
Concen: 31.267 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082097.D
Acq: 13 May 2024 15:34

Instrument :
MSVOA_N
ClientSampleId :
240430044-02



Tgt Ion: 98 Resp: 179911
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

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