

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082105.D
 Acq On : 13 May 2024 18:45
 Operator : JC\MD
 Sample : P2462-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430038-02

Manual Integrations
 APPROVED

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

Quant Time: May 14 03:35:48 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	22187	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	132150	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	114710	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64886	34.930	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	116.433%#
60) 4-Bromofluorobenzene	12.847	95	52882	27.701	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.333%
63) Toluene-d8	10.565	98	169258	31.070	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.567%
Target Compounds						
15) Acetone	4.453	58	2395m	13.811	ug/l	Qvalue

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

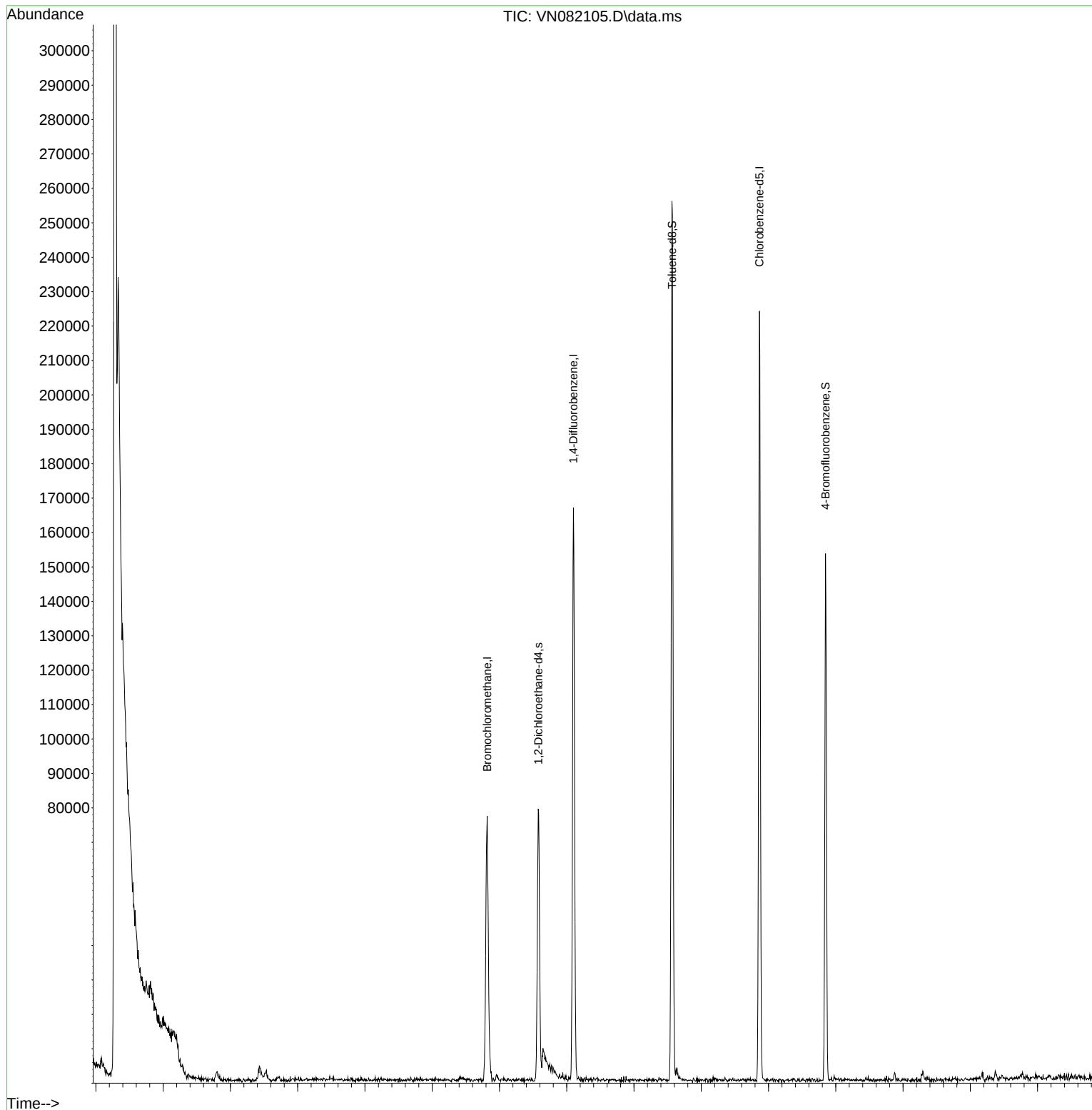
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
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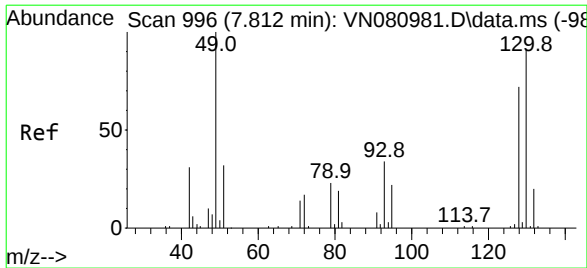
Instrument :
MSVOA_N
ClientSampleId :
240430038-02

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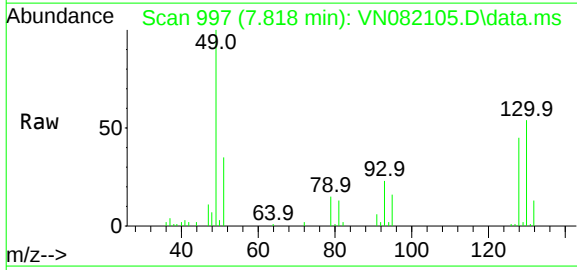
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082105.D
Acq: 13 May 2024 18:45

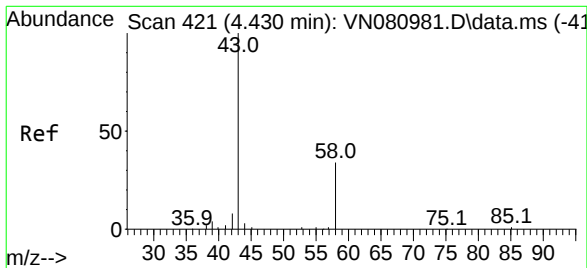
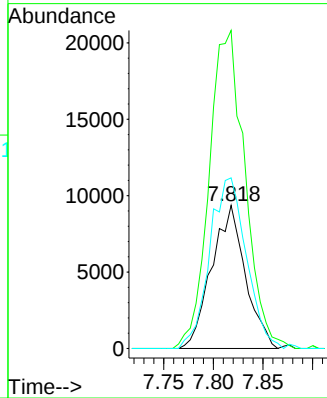
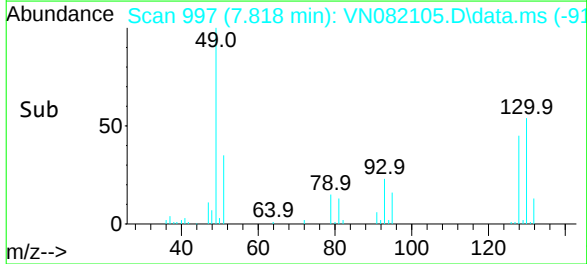
Instrument :
MSVOA_N
ClientSampleId :
240430038-02



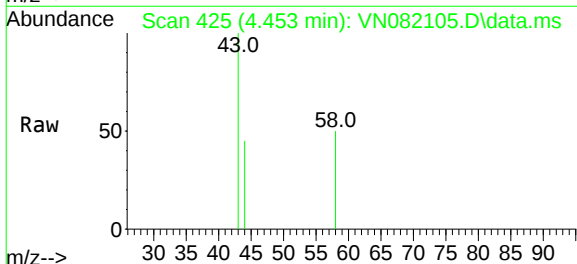
Tgt Ion:128 Resp: 22187
Ion Ratio Lower Upper
128 100
49 235.0 0.0 403.7
130 128.8 0.0 323.3

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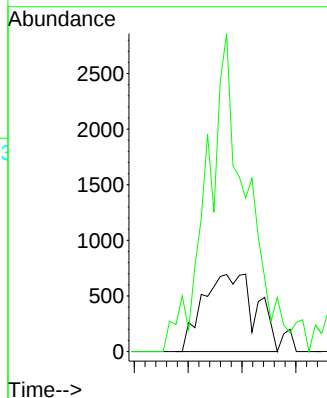
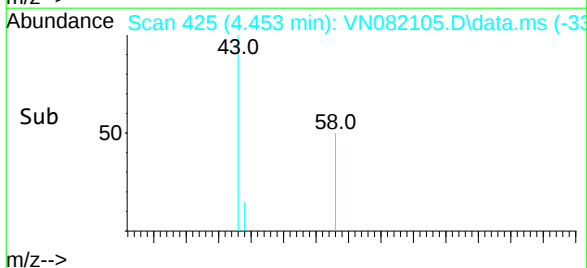
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

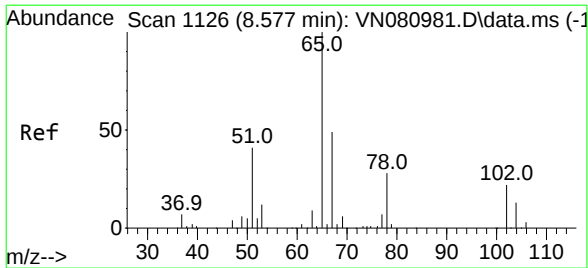


#15
Acetone
Concen: 13.811 ug/l m
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN082105.D
Acq: 13 May 2024 18:45



Tgt Ion: 58 Resp: 2395
Ion Ratio Lower Upper
58 100
43 198.3 223.1 334.7#





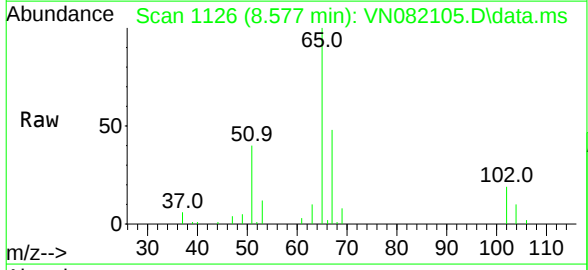
#27
 1,2-Dichloroethane-d4
 Concen: 34.930 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN082105.D
 Acq: 13 May 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :

240430038-02

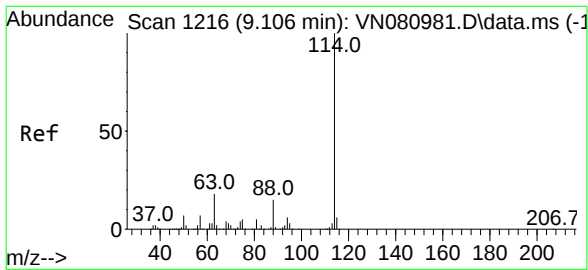
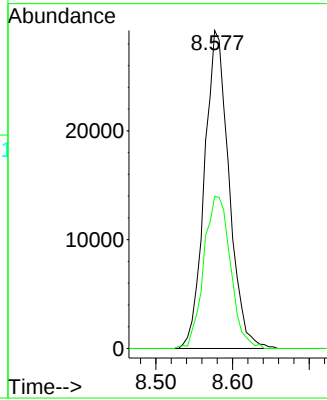
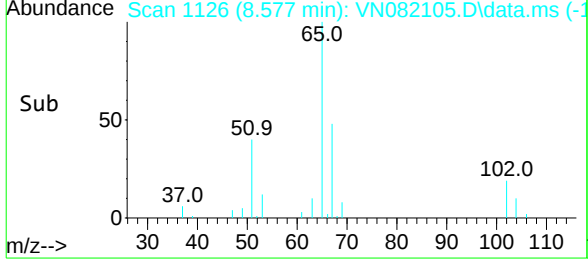


Tgt Ion: 65 Resp: 64886
 Ion Ratio Lower Upper
 65 100
 67 51.8 43.2 64.8

Manual Integrations

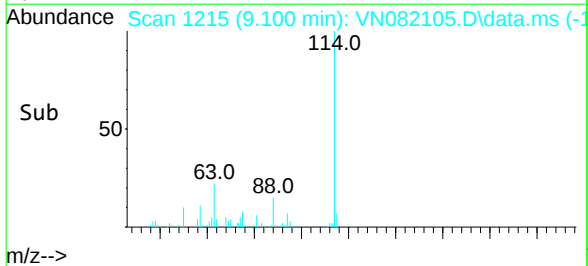
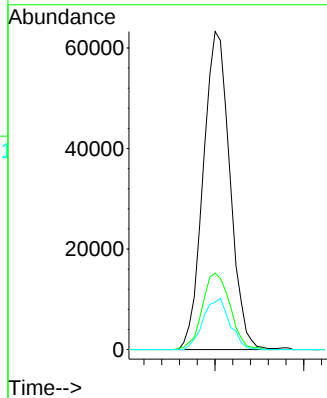
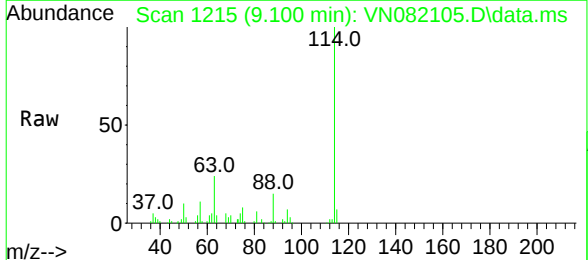
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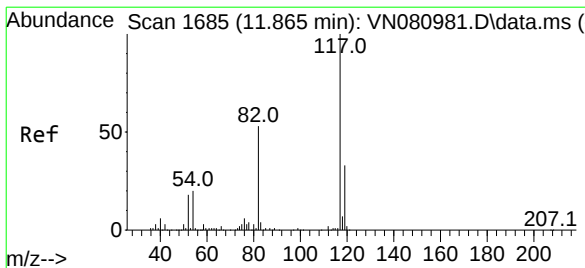
Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082105.D
 Acq: 13 May 2024 18:45

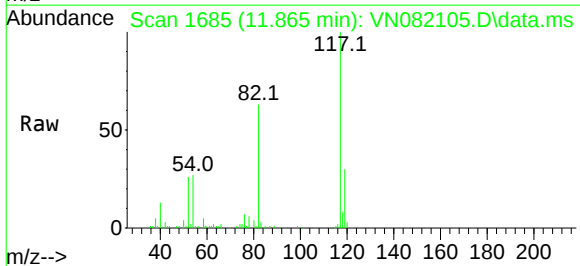
Tgt Ion:114 Resp: 132150
 Ion Ratio Lower Upper
 114 100
 63 25.0 15.9 23.9#
 88 16.0 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082105.D
Acq: 13 May 2024 18:45

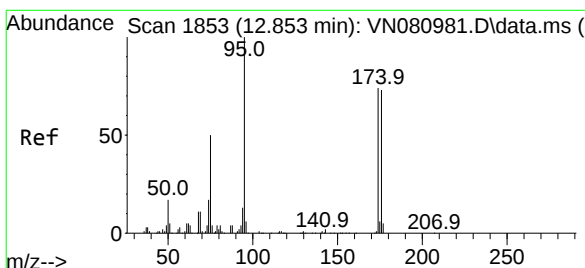
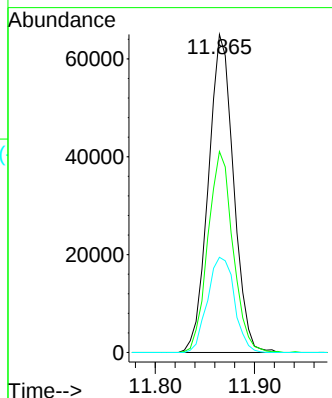
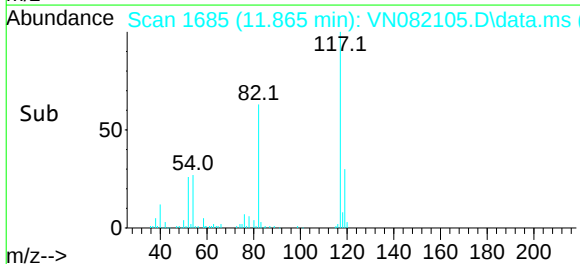
Instrument :
MSVOA_N
ClientSampleId :
240430038-02



Tgt Ion:117 Resp: 114710
Ion Ratio Lower Upper
117 100
82 62.9 46.6 69.8
119 31.9 25.4 38.2

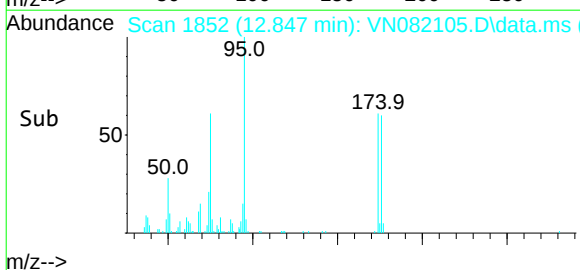
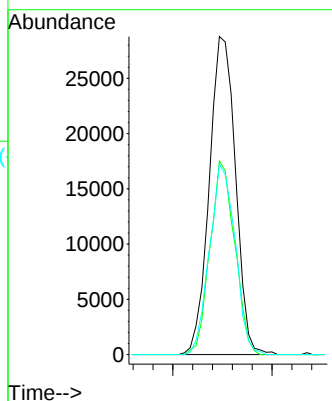
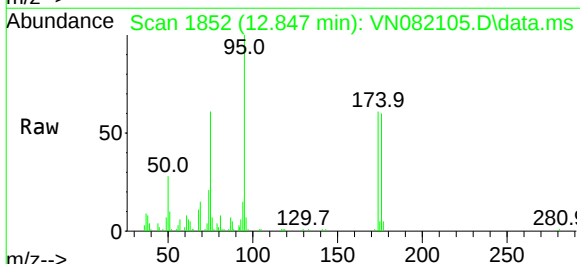
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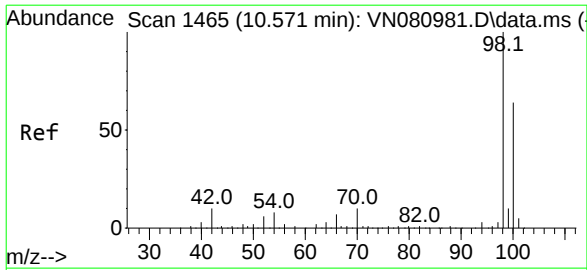
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
4-Bromofluorobenzene
Concen: 27.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082105.D
Acq: 13 May 2024 18:45

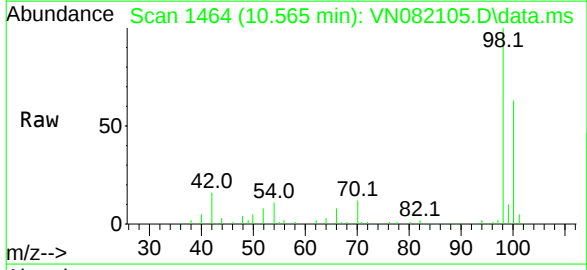
Tgt Ion: 95 Resp: 52882
Ion Ratio Lower Upper
95 100
174 57.3 60.5 90.7#
176 58.3 57.8 86.6





#63
Toluene-d8
Concen: 31.070 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN082105.D
Acq: 13 May 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :
240430038-02



Tgt Ion: 98 Resp: 169258
Ion Ratio Lower Upper
98 100
100 63.1 52.7 79.1

Manual Integrations
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