

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082012.D
 Acq On : 06 May 2024 16:45
 Operator : JC\MD
 Sample : P2402-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240423063-02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 00:30:09 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	29499	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	173801	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146653	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	74222	30.052	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.167%
60) 4-Bromofluorobenzene	12.853	95	65143	26.691	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.967%
63) Toluene-d8	10.570	98	218787	31.414	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.700%
Target Compounds						
25) Chloroform	7.965	83	4478m	1.257	ug/l	Qvalue

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

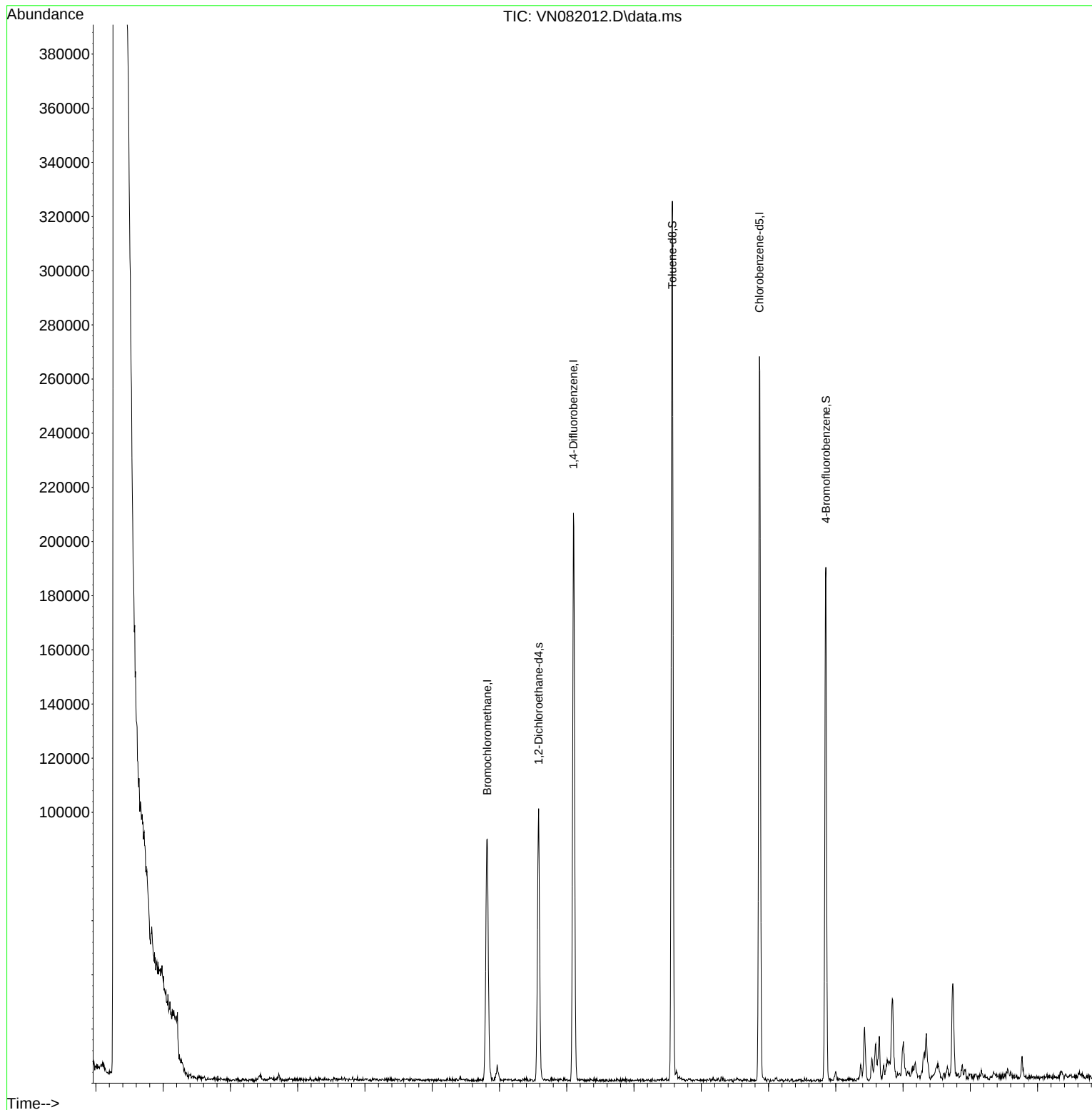
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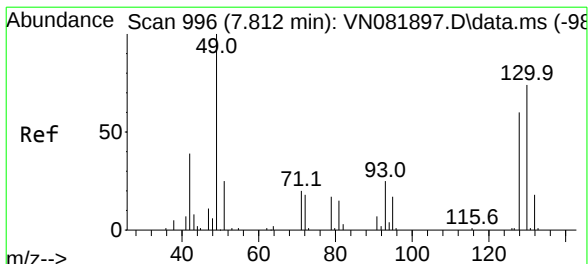
Instrument :
MSVOA_N
ClientSampleId :
240423063-02

Manual Integrations
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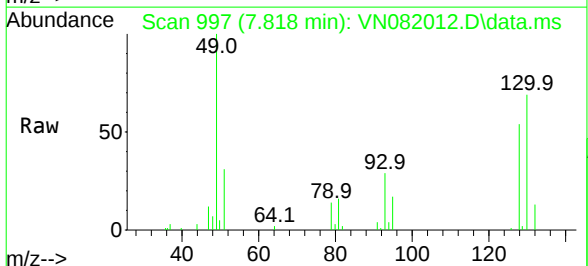
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082012.D
 Acq: 06 May 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

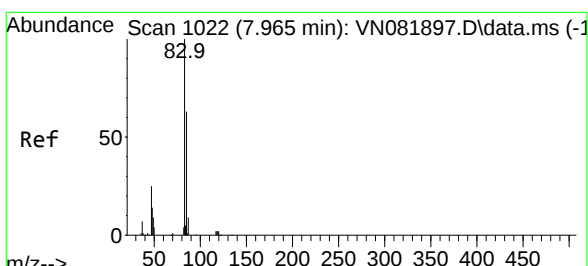
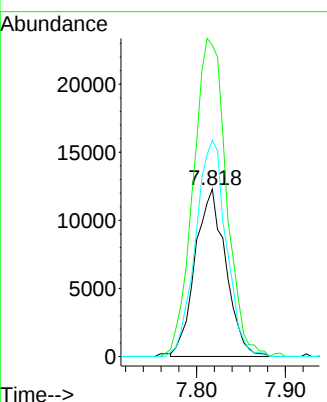
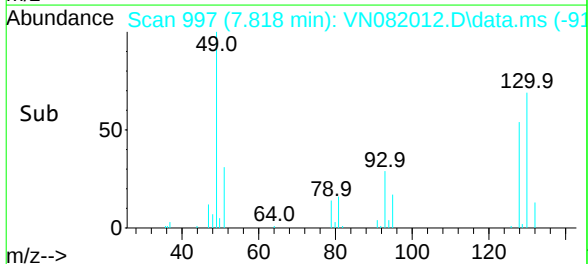
240423063-02



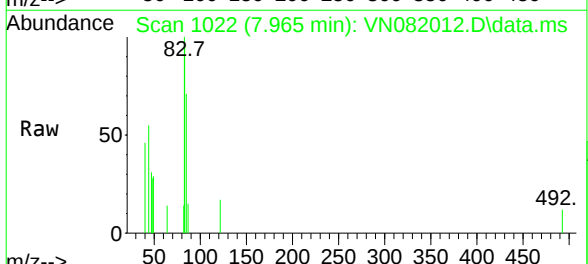
Tgt Ion:	128	Resp:	29499
Ion	Ratio	Lower	Upper
128	100		
49	205.4	0.0	403.7
130	128.9	0.0	323.3

Manual Integrations
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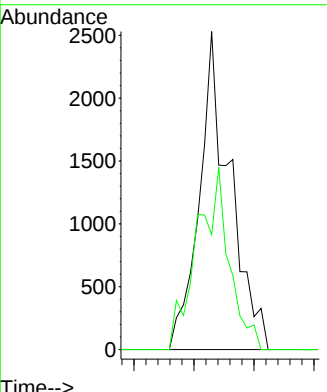
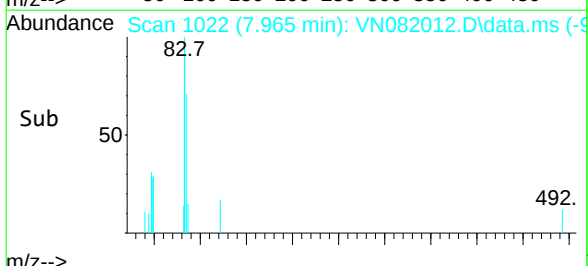
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

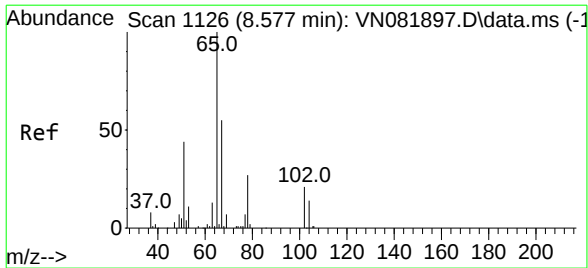


#25
 Chloroform
 Concen: 1.257 ug/l m
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN082012.D
 Acq: 06 May 2024 16:45



Tgt Ion:	83	Resp:	4478
Ion	Ratio	Lower	Upper
83	100		
85	70.8	50.9	76.3





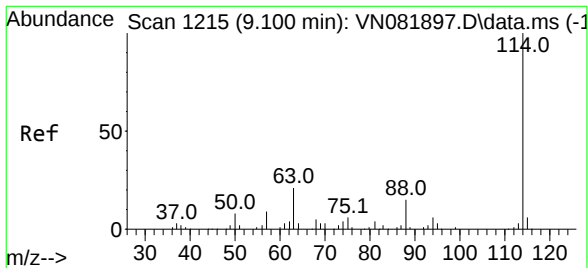
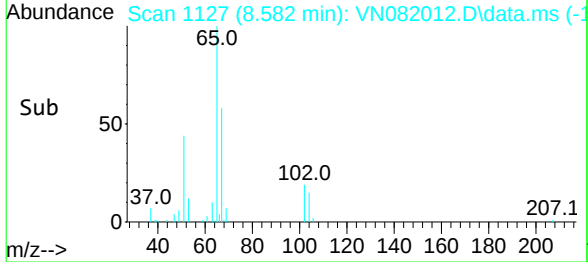
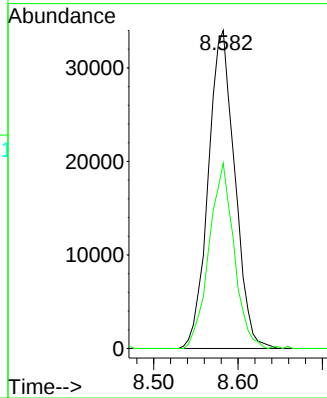
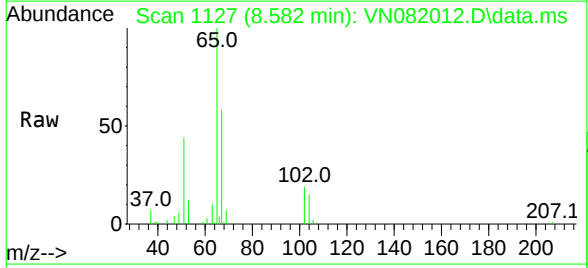
#27
1,2-Dichloroethane-d4
Concen: 30.052 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082012.D
Acq: 06 May 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
240423063-02

Tgt Ion: 65 Resp: 74222
Ion Ratio Lower Upper
65 100
67 54.8 43.2 64.8

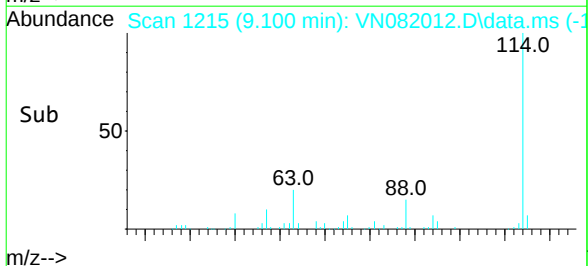
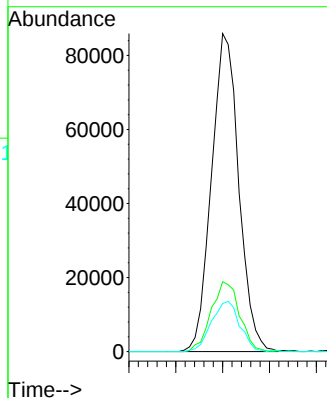
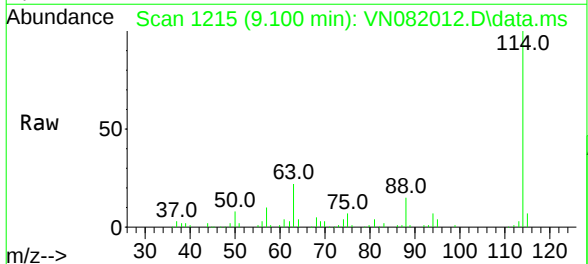
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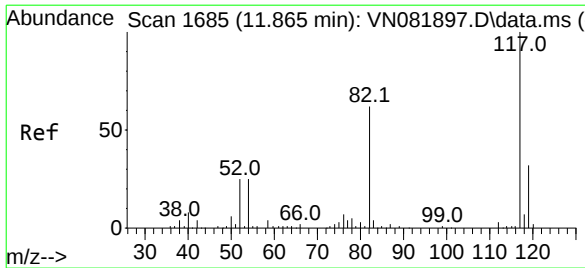
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082012.D
Acq: 06 May 2024 16:45

Tgt Ion:114 Resp: 173801
Ion Ratio Lower Upper
114 100
63 22.9 15.9 23.9
88 16.4 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: VN082012.D
Acq: 06 May 2024 16:45

Instrument :

MSVOA_N

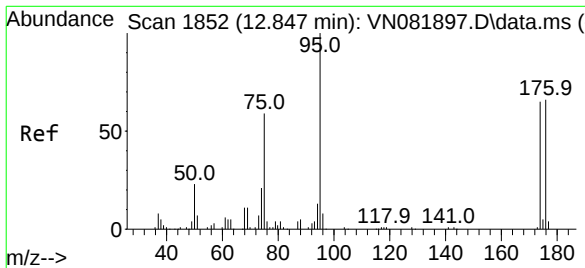
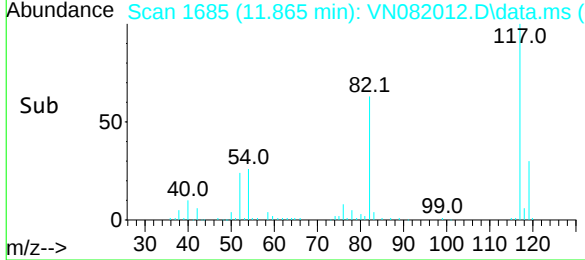
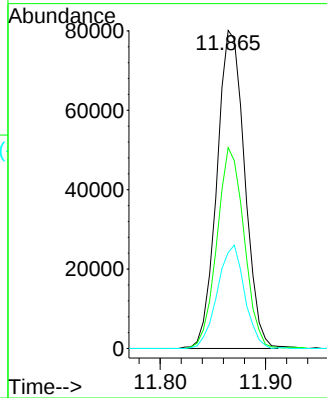
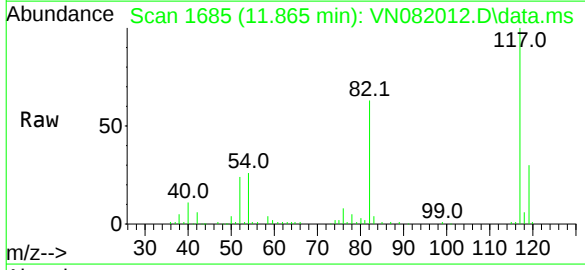
ClientSampleId :

240423063-02

Tgt Ion:117 Resp: 146653
Ion Ratio Lower Upper
117 100
82 61.7 46.6 69.8
119 31.8 25.4 38.2

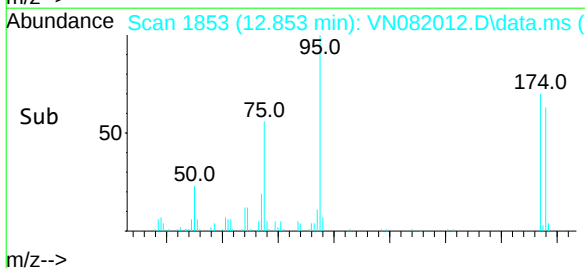
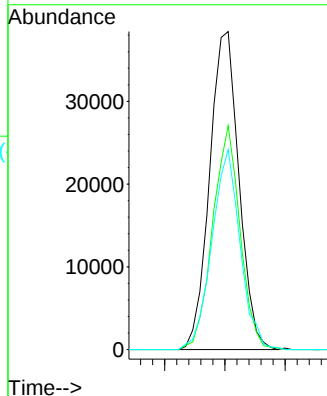
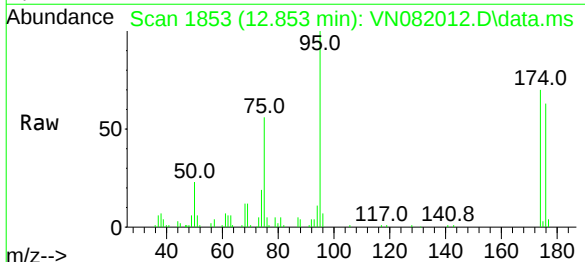
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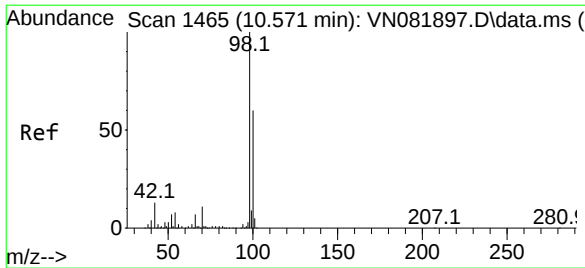
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#60
4-Bromofluorobenzene
Concen: 26.691 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082012.D
Acq: 06 May 2024 16:45

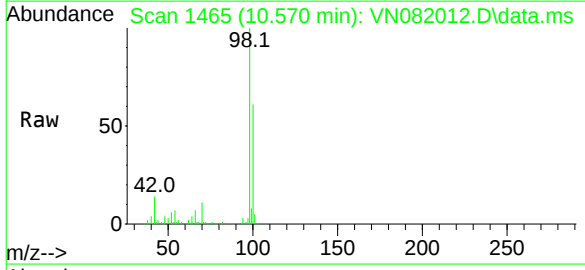
Tgt Ion: 95 Resp: 65143
Ion Ratio Lower Upper
95 100
174 65.6 60.5 90.7
176 60.5 57.8 86.6





#63
Toluene-d8
Concen: 31.414 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082012.D
Acq: 06 May 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
240423063-02



Tgt Ion: 98 Resp: 218787
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

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