

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082035.D
 Acq On : 08 May 2024 18:25
 Operator : JC\MD
 Sample : P2425-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240507002-03-TRIP-BLANK

Manual Integrations
 APPROVED

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

Quant Time: May 09 01:05:25 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	28476	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	167403	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	145887	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	75464	31.652	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.500%
60) 4-Bromofluorobenzene	12.853	95	63074	25.979	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.600%
63) Toluene-d8	10.571	98	203298	29.343	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%
Target Compounds						
25) Chloroform	7.965	83	4650m	1.352	ug/l	Qvalue

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

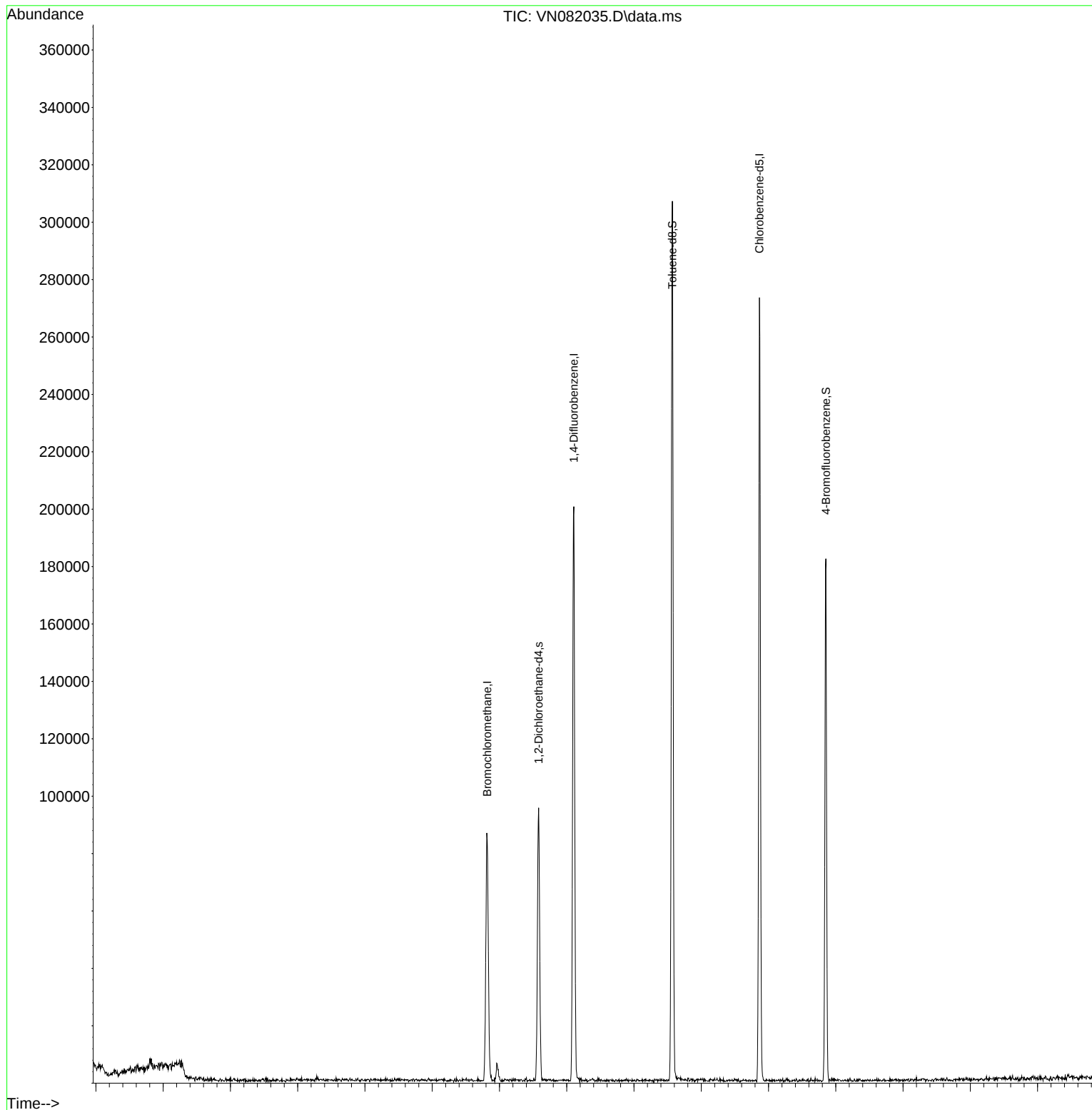
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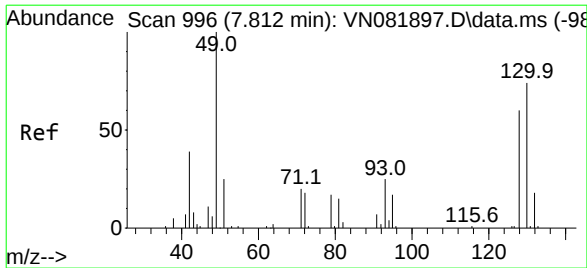
Instrument :
MSVOA_N
ClientSampleId :
240507002-03-TRIP-BLANK

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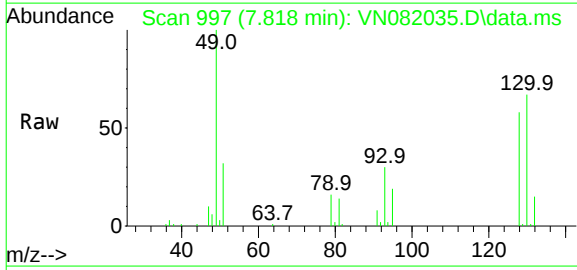
Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

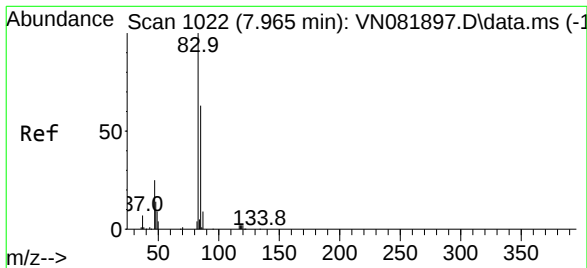
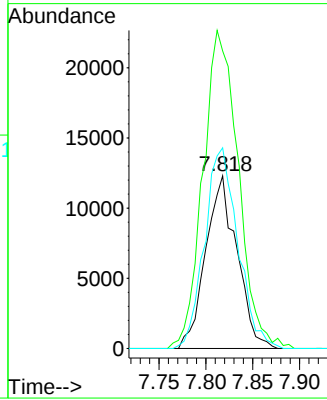
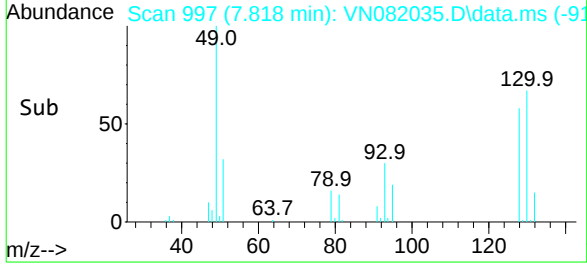
Instrument :
MSVOA_N
ClientSampleId :
240507002-03-TRIP-BLANK



Tgt Ion: 128 Resp: 28476
Ion Ratio Lower Upper
128 100
49 208.8 0.0 403.7
130 124.0 0.0 323.3

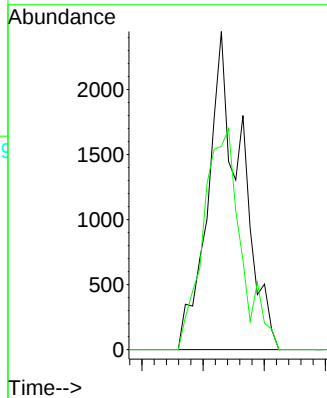
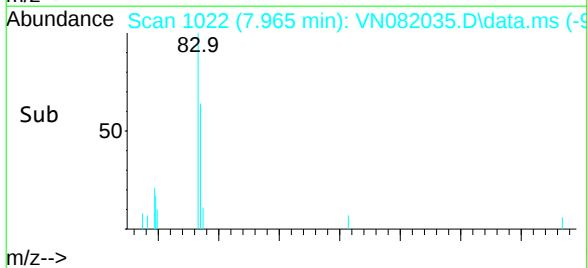
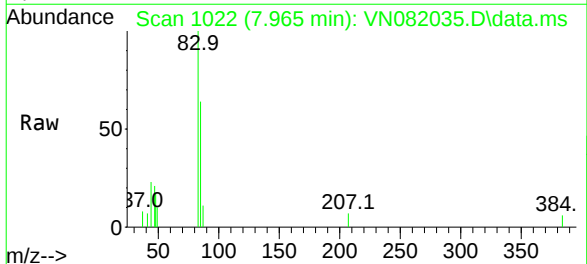
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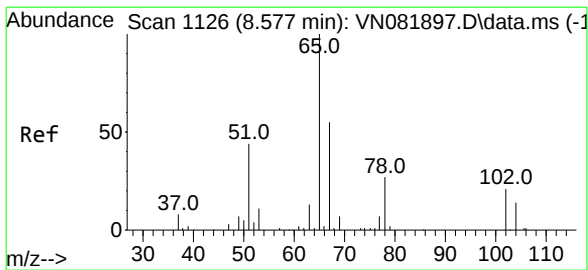
Reviewed By : John Carlone 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024



#25
Chloroform
Concen: 1.352 ug/l m
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

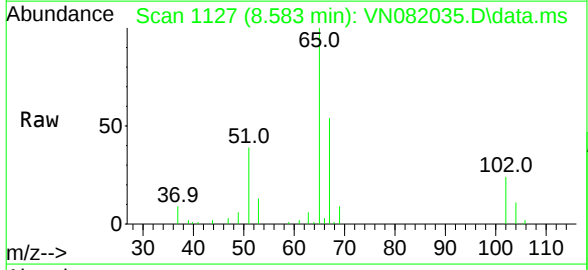
Tgt Ion: 83 Resp: 4650
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 31.652 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

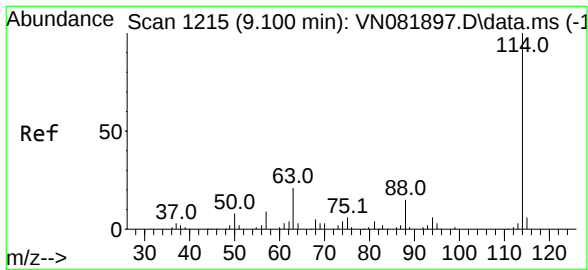
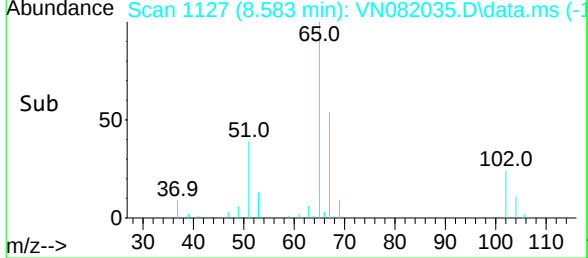
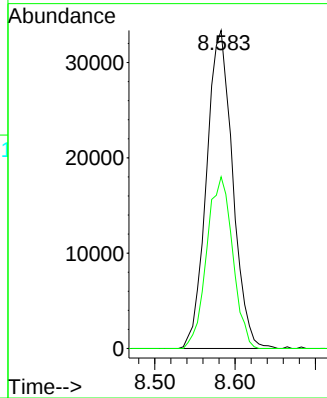
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Tgt Ion: 65 Resp: 75464
Ion Ratio Lower Upper
65 100
67 53.5 43.2 64.8

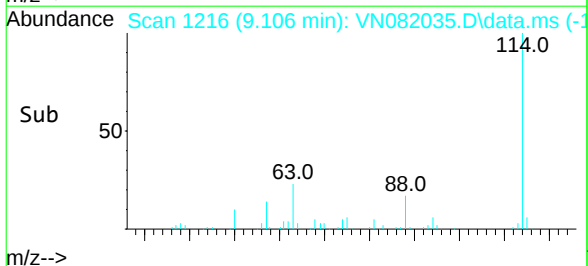
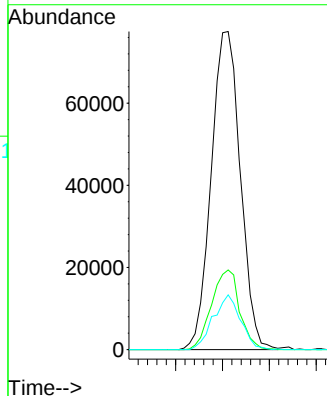
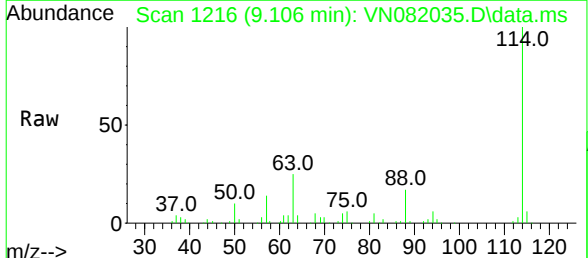
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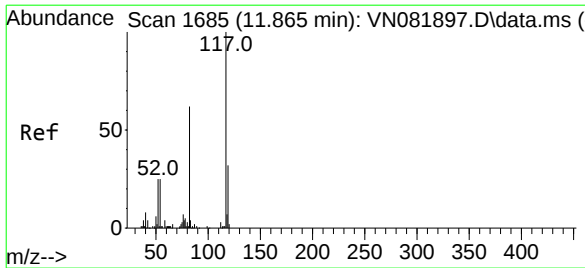
Reviewed By :John Carlone 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

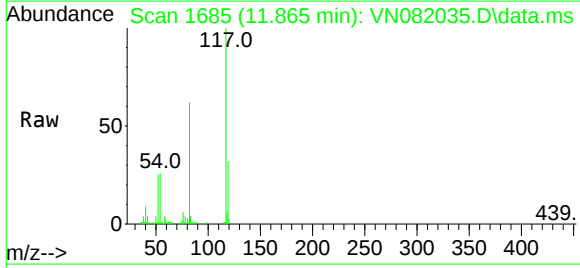
Tgt Ion:114 Resp: 167403
Ion Ratio Lower Upper
114 100
63 24.1 15.9 23.9#
88 16.1 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

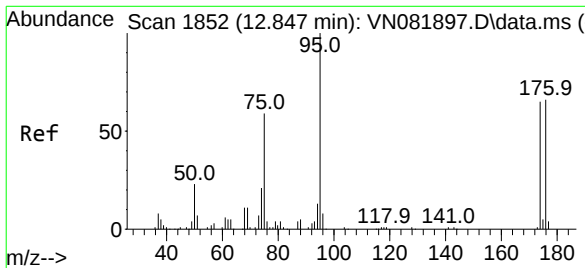
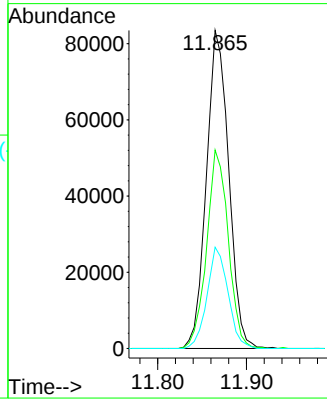
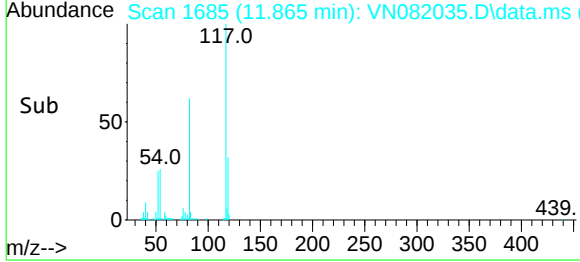
Instrument : MSVOA_N
ClientSampleId : 240507002-03-TRIP-BLANK



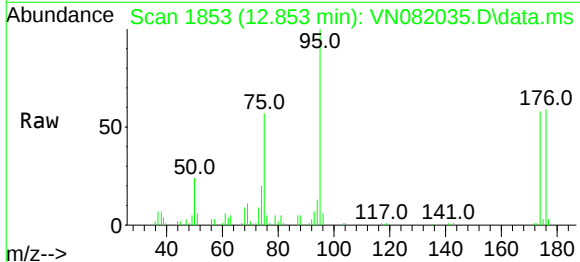
Tgt Ion:	117	Resp:	145887
Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.6	69.8
119	29.9	25.4	38.2

Manual Integrations
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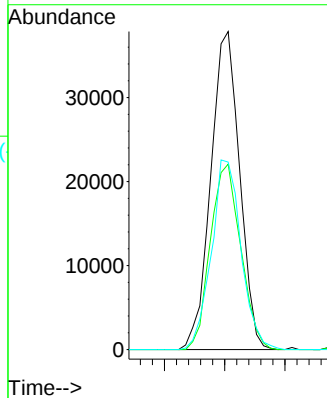
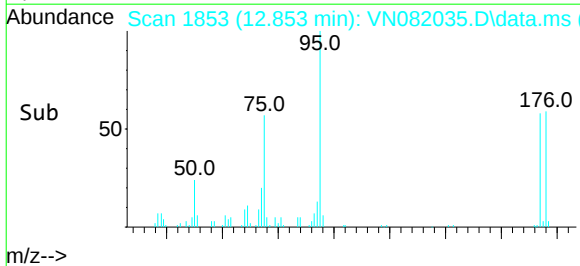
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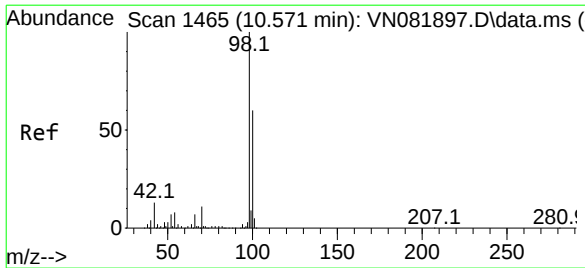


#60
4-Bromofluorobenzene
Concen: 25.979 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25



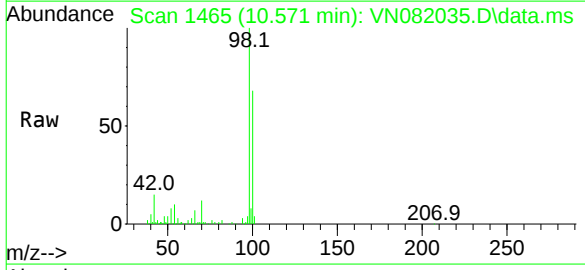
Tgt Ion:	95	Resp:	63074
Ion	Ratio	Lower	Upper
95	100		
174	61.3	60.5	90.7
176	61.4	57.8	86.6





#63
Toluene-d8
Concen: 29.343 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082035.D
Acq: 08 May 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
240507002-03-TRIP-BLANK



Tgt Ion: 98 Resp: 203298
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

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