

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087312.D
 Acq On : 09 Jul 2025 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 01:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	38638	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	174805	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	162921	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	84609	29.063	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.867%	
60) 4-Bromofluorobenzene	12.847	95	69041	27.462	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	91.533%	
63) Toluene-d8	10.565	98	206830	28.274	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.233%	
Target Compounds						Qvalue
18) Methylene Chloride	5.289	84	14176m	5.228	ug/l	

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

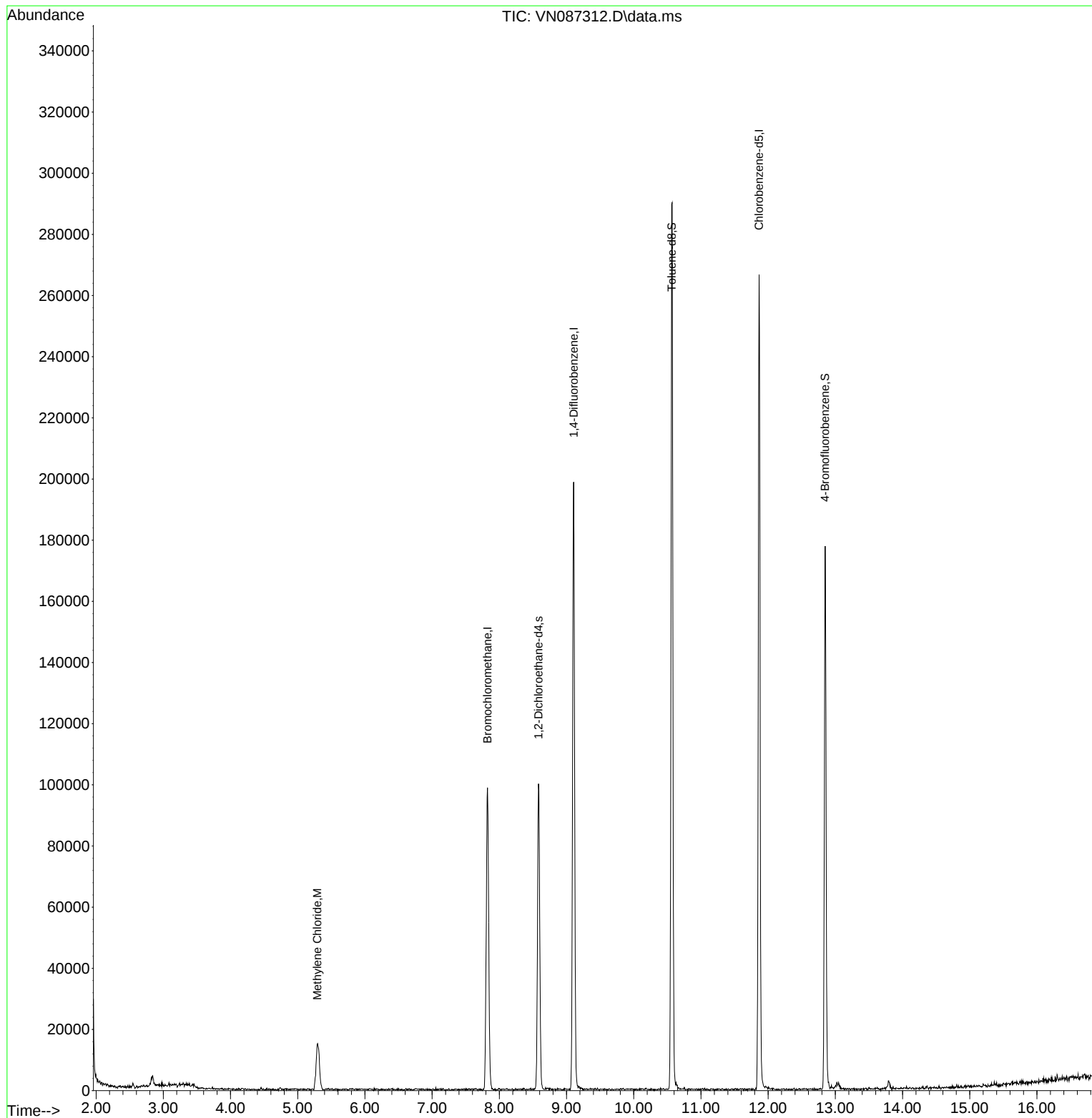
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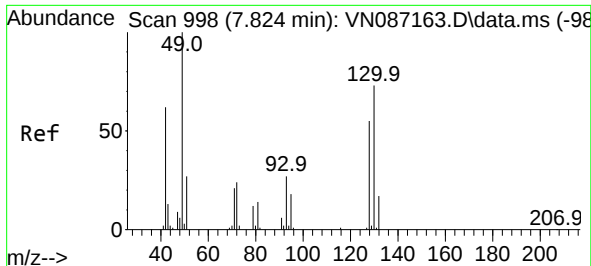
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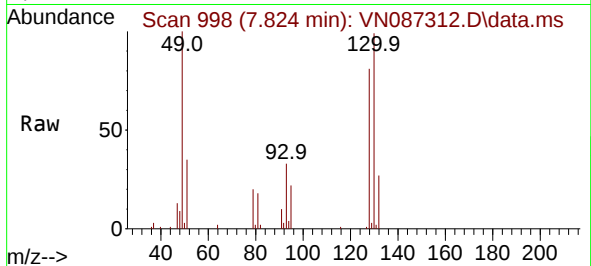
Reviewed By : John Carlone 07/10/2025
Supervised By : Mahesh Dadoda 07/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

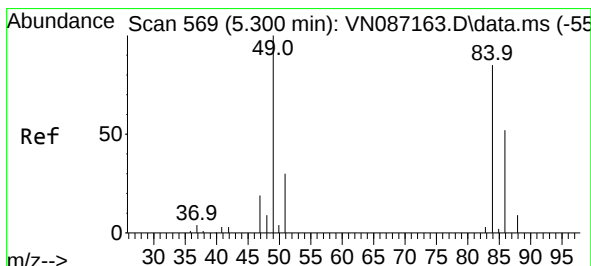
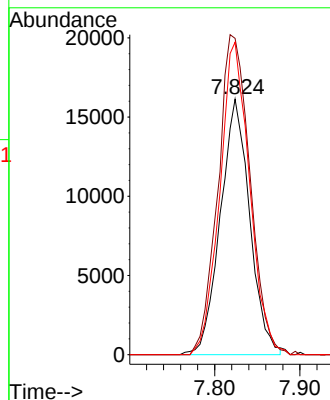
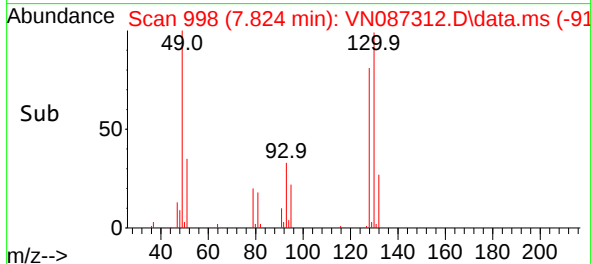
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	38638
Ion	Ratio	Lower	Upper
128	100		
49	136.7	0.0	450.5
130	124.4	0.0	320.7

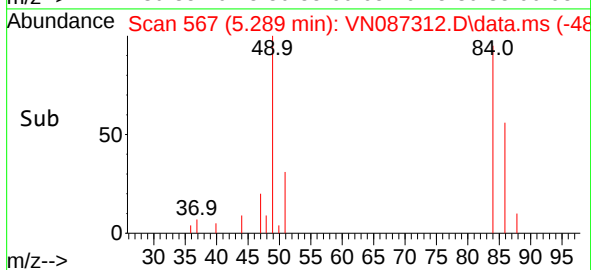
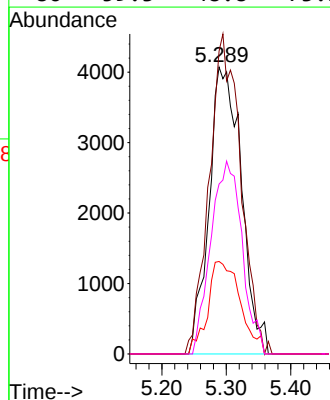
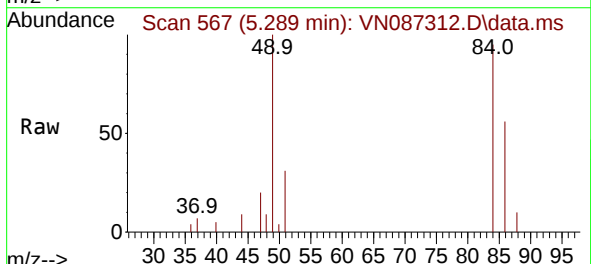
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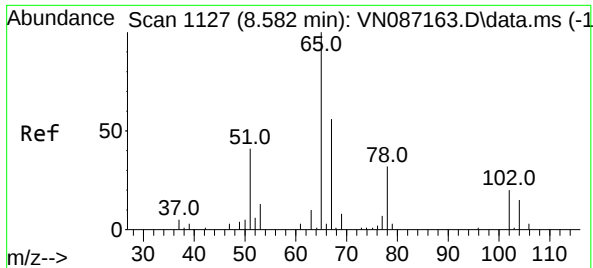
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#18
Methylene Chloride
Concen: 5.228 ug/l m
RT: 5.289 min Scan# 567
Delta R.T. -0.012 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

Tgt Ion:	84	Resp:	14176
Ion	Ratio	Lower	Upper
84	100		
49	105.6	94.0	141.0
51	32.2	28.3	42.5
86	59.3	48.8	73.2





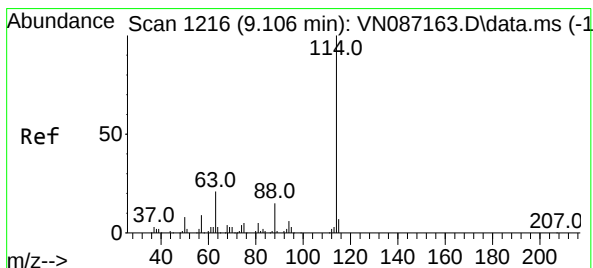
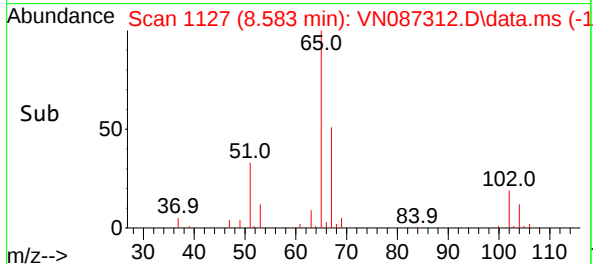
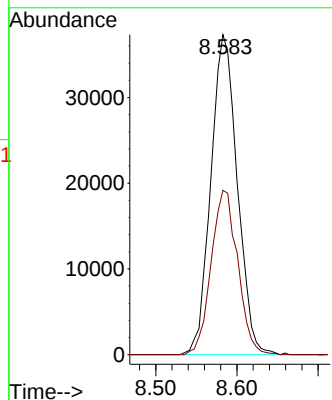
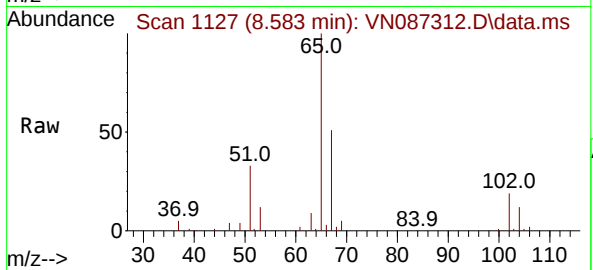
#27
1,2-Dichloroethane-d4
Concen: 29.063 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

Instrument :
MSVOA_N
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IBLK

Tgt Ion: 65 Resp: 84609
Ion Ratio Lower Upper
65 100
67 51.5 41.9 62.9

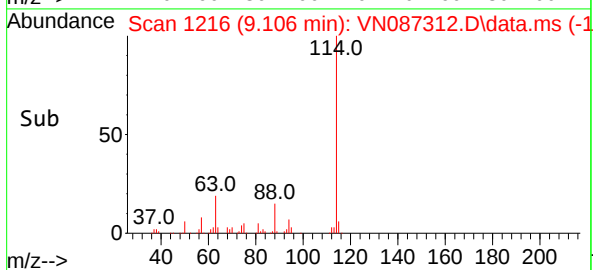
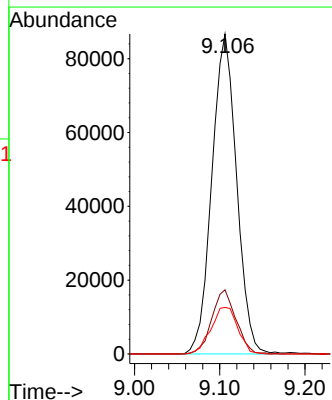
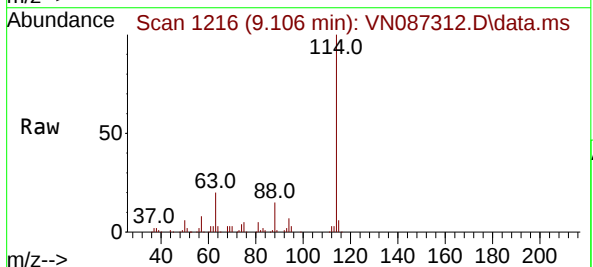
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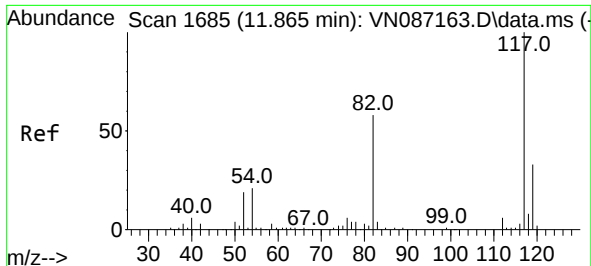
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

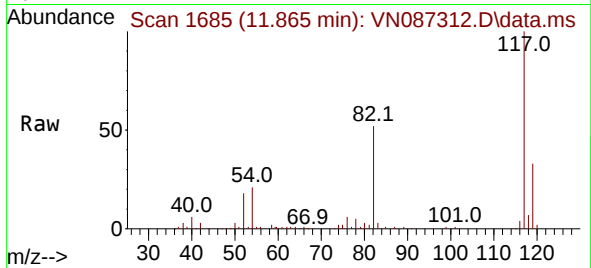
Tgt Ion:114 Resp: 174805
Ion Ratio Lower Upper
114 100
63 19.5 17.0 25.4
88 15.8 12.6 19.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

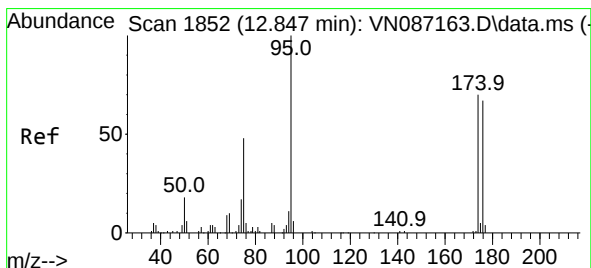
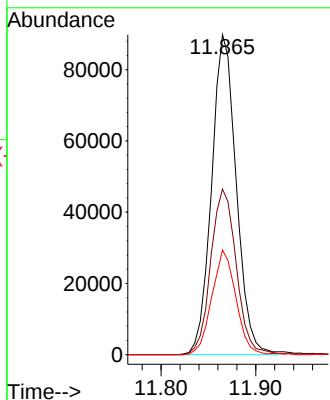
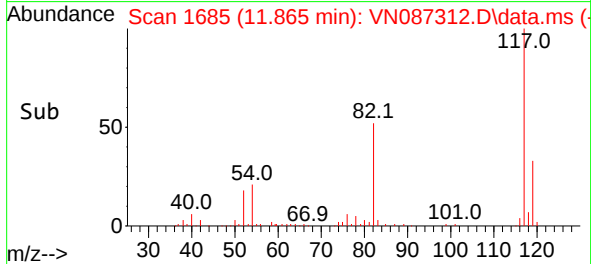
Instrument :
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ClientSampleId :
IBLK



Tgt Ion:117 Resp: 16292
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.2
119 31.8 26.2 39.4

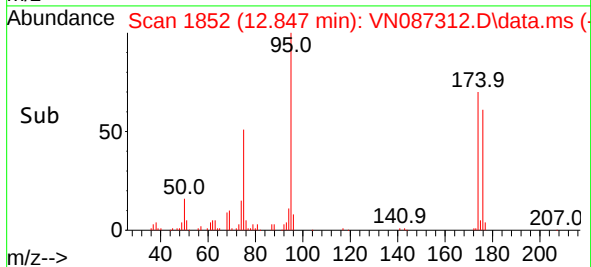
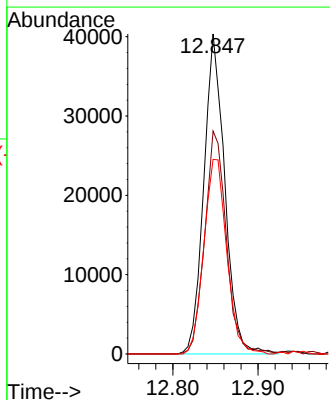
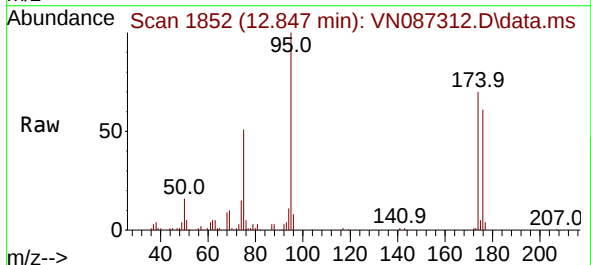
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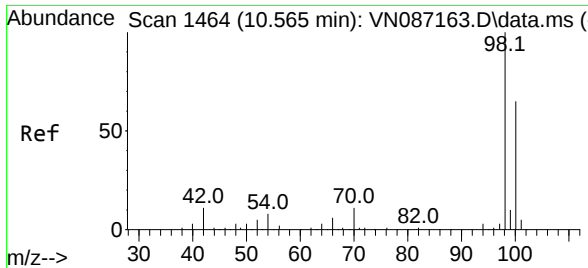
Reviewed By :John Carlone 07/10/2025
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#60
4-Bromofluorobenzene
Concen: 27.462 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087312.D
Acq: 09 Jul 2025 14:46

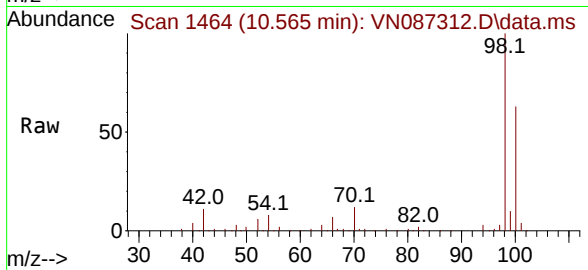
Tgt Ion: 95 Resp: 69041
Ion Ratio Lower Upper
95 100
174 71.5 54.5 81.7
176 66.5 51.9 77.9





#63
 Toluene-d8
 Concen: 28.274 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN087312.D
 Acq: 09 Jul 2025 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 98 Resp: 206830
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7

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