

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073608.D
 Acq On : 27 Jul 2022 15:38
 Operator : JC\MD
 Sample : N3877-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-049-IDWGW-20220722

Quant Time: Jul 27 16:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:35:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Bromochloromethane	7.586	128	53648	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	278630	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	244949	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	145092	31.280	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	12.674	95	106875	24.642	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.133%
63) Toluene-d8	10.380	98	411708	29.850	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.500%
Target Compounds						
24) Methyl tert-Butyl Ether	5.528	73	15200m	1.284	ug/l	Qvalue

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

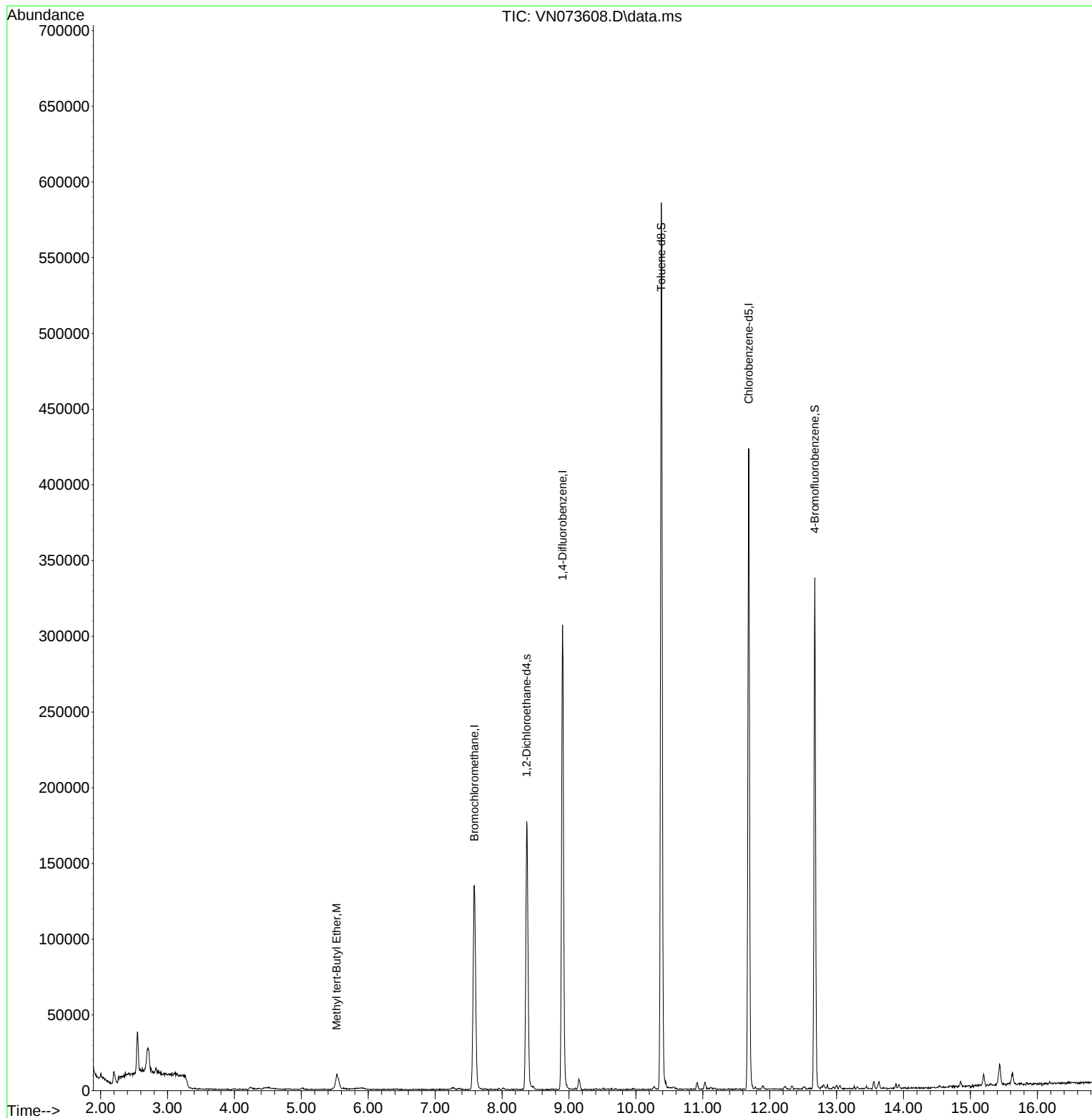
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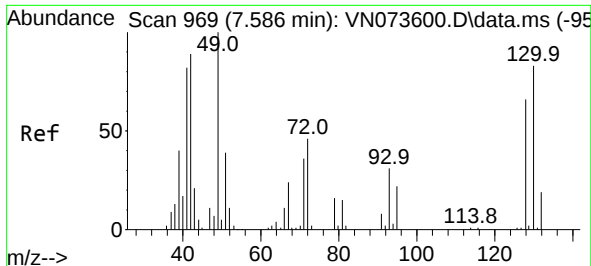
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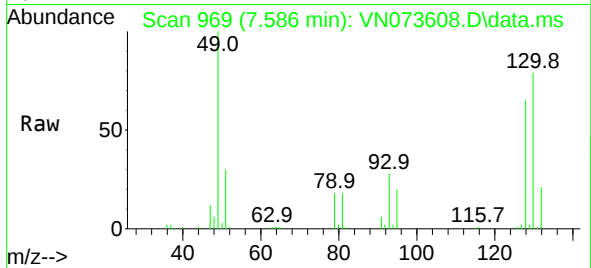
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Supervised By :Mahesh Dadoda 07/28/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38

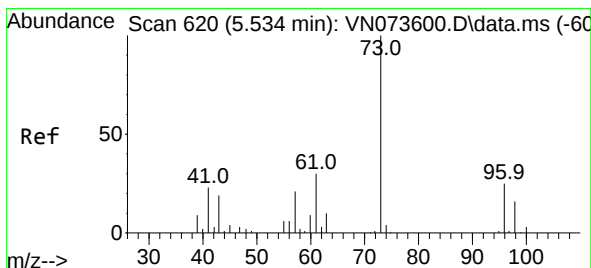
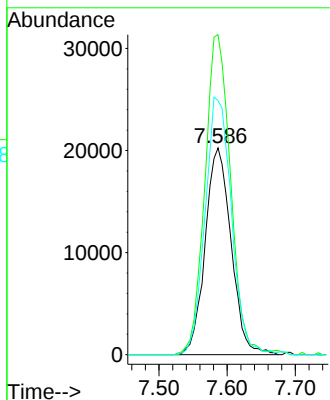
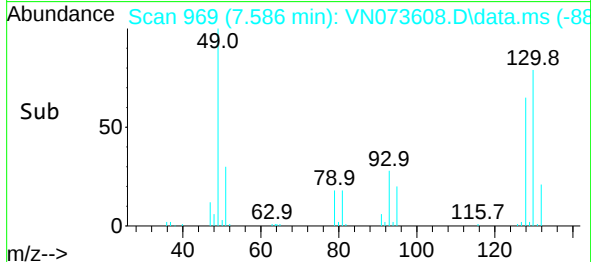
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MSVOA_N
ClientSampleId :
TT-049-IDWGW-20220722



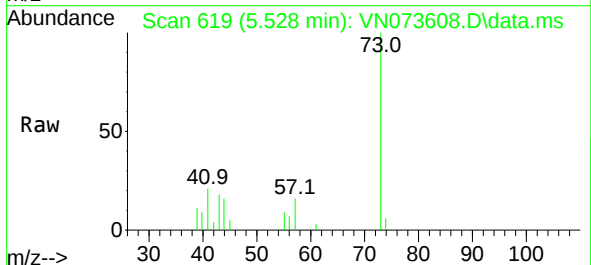
Tgt Ion:128 Resp: 53648
Ion Ratio Lower Upper
128 100
49 151.1 0.0 392.3
130 126.6 0.0 320.2

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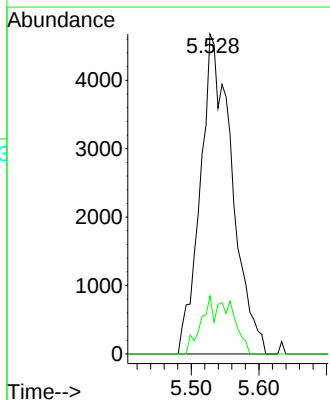
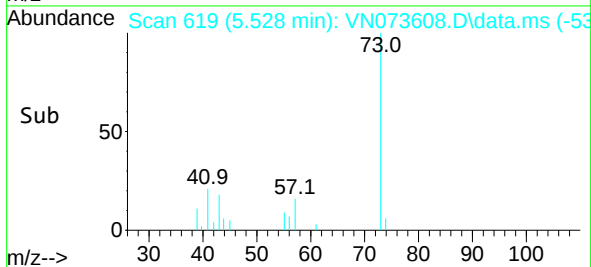
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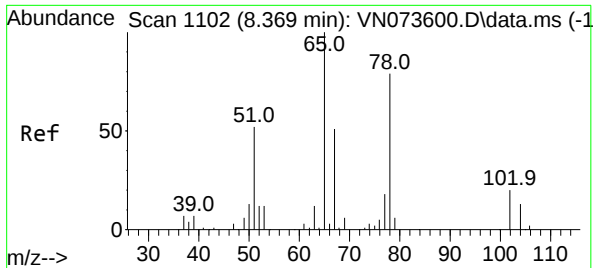


#24
Methyl tert-Butyl Ether
Concen: 1.284 ug/l m
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38



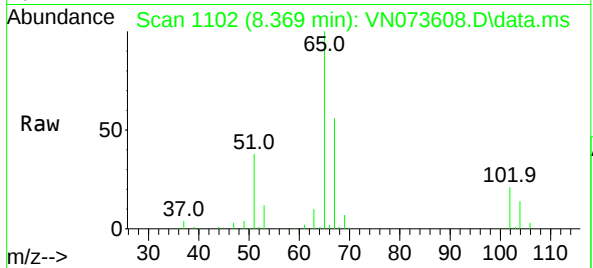
Tgt Ion: 73 Resp: 15200
Ion Ratio Lower Upper
73 100
43 4.6 18.1 27.1#





#27
1,2-Dichloroethane-d4
Concen: 31.280 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38

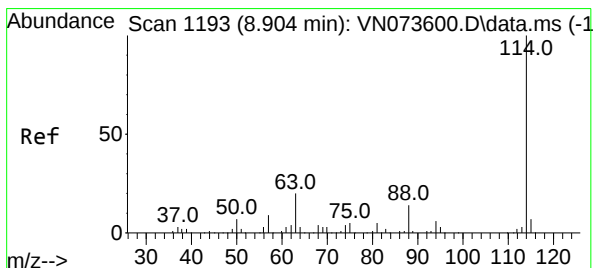
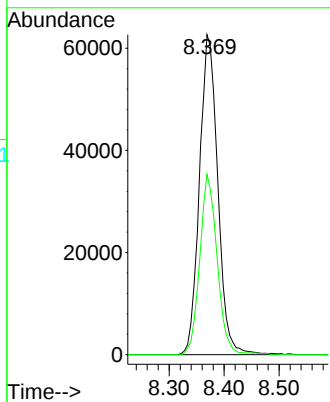
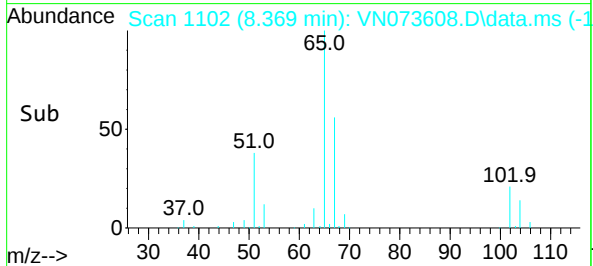
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Tgt Ion: 65 Resp: 145092
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2

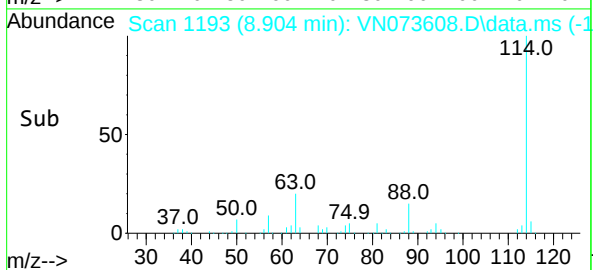
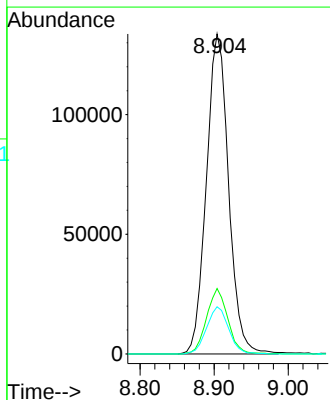
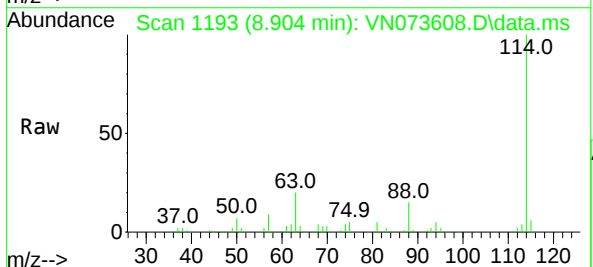
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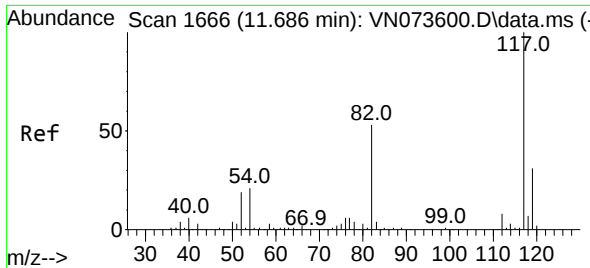
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38

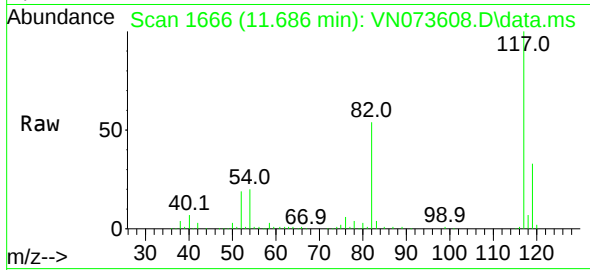
Tgt Ion:114 Resp: 278630
Ion Ratio Lower Upper
114 100
63 19.5 15.8 23.6
88 14.6 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38

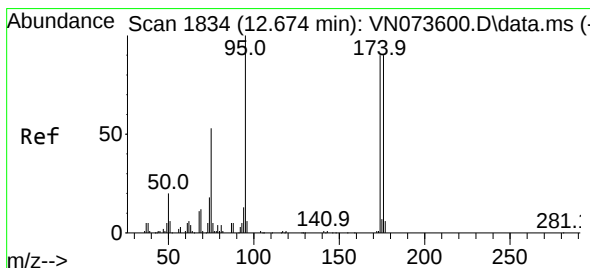
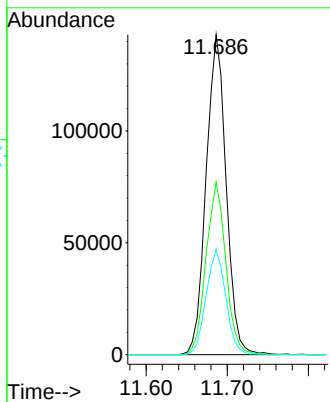
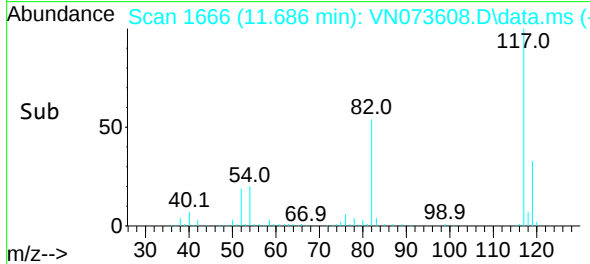
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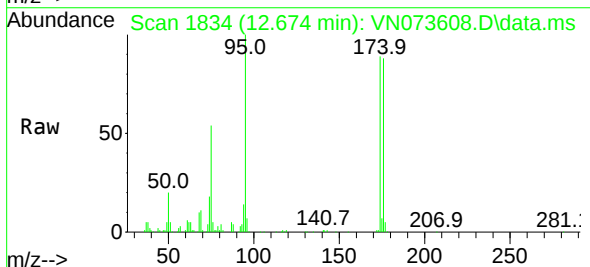
Tgt Ion:117 Resp: 244949
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 32.3 25.8 38.6

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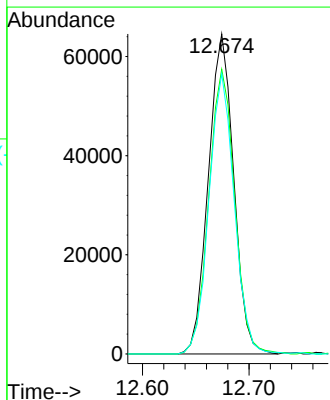
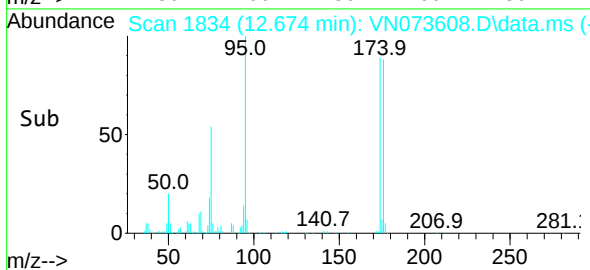
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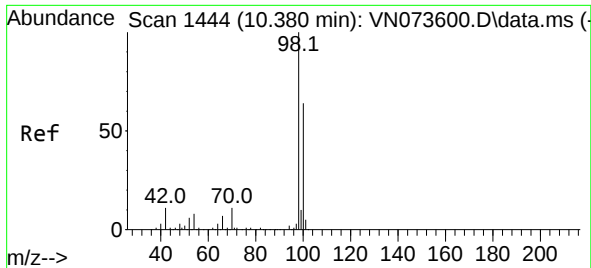


#60
4-Bromofluorobenzene
Concen: 24.642 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073608.D
Acq: 27 Jul 2022 15:38



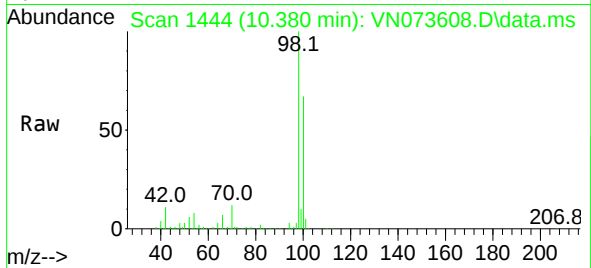
Tgt Ion: 95 Resp: 106875
Ion Ratio Lower Upper
95 100
174 90.7 62.9 94.3
176 87.2 61.0 91.4





#63
Toluene-d8
Concen: 29.850 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073608.D
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Tgt Ion: 98 Resp: 411708
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

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