

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068434.D
 Acq On : 8 Sep 2021 12:25
 Operator : JC/MD
 Sample : M3664-02RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(SEP)RE

Manual Integrations
 APPROVED

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 9/10/2021 10:50:58 AM

Quant Time: Sep 09 03:32:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	94479	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.973	114	499463	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.749	117	427982	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	188571	33.666	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.233%#
60) 4-Bromofluorobenzene	12.736	95	163896	27.042	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.133%
63) Toluene-d8	10.446	98	592664	31.096	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.667%
Target Compounds						
15) Acetone	4.301	58	16054m	28.398	ug/l	Qvalue

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

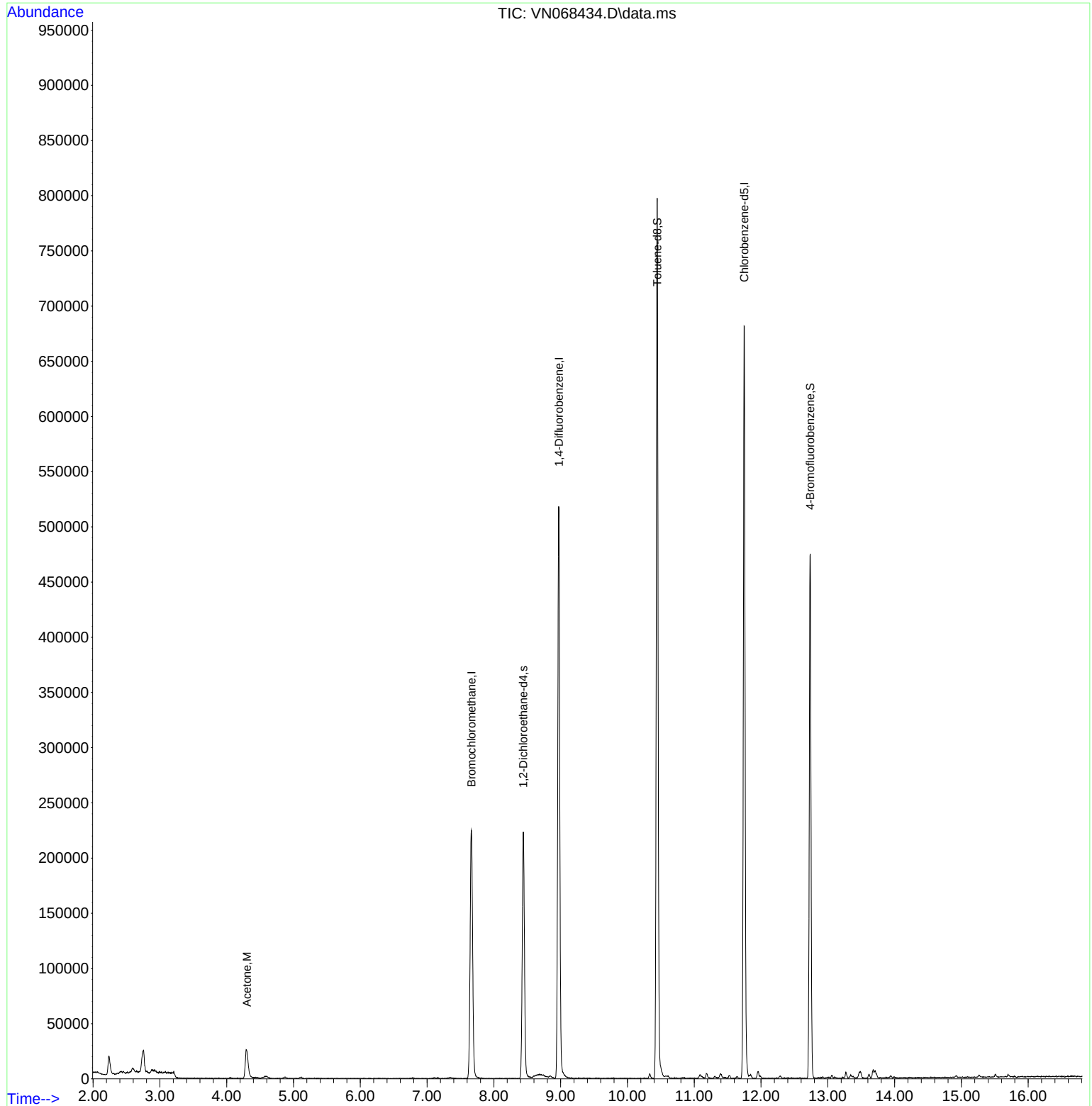
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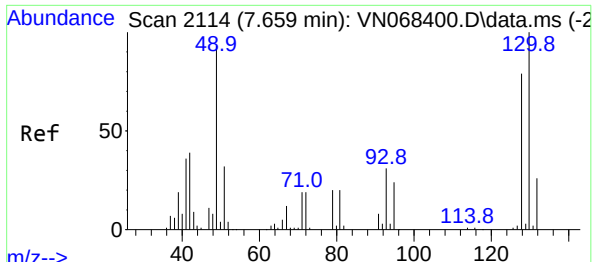
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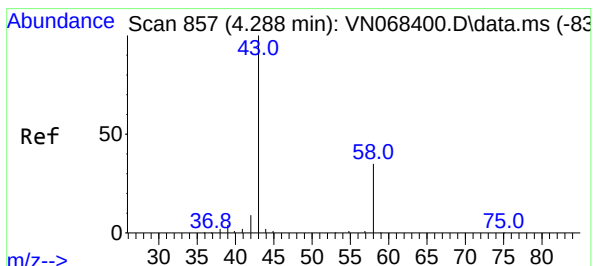
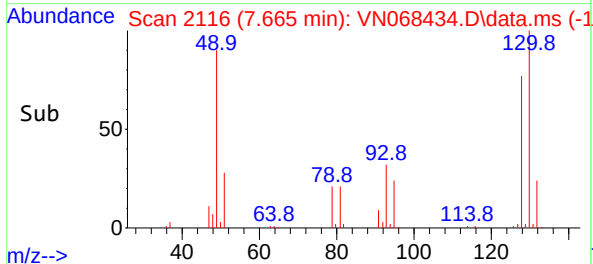
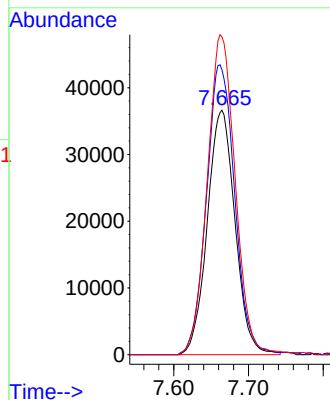
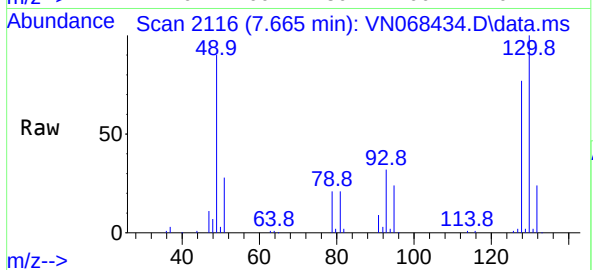
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

Tgt Ion:128 Resp: 94479
Ion Ratio Lower Upper
128 100
49 121.0 0.0 517.5
130 131.7 0.0 325.8

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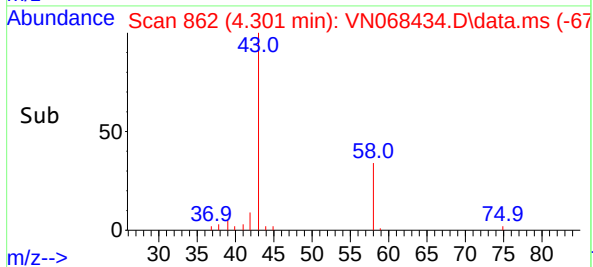
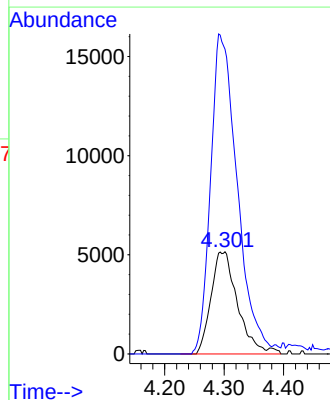
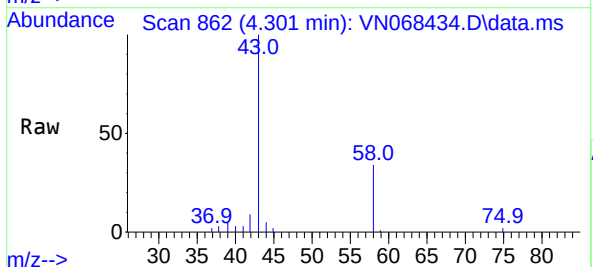
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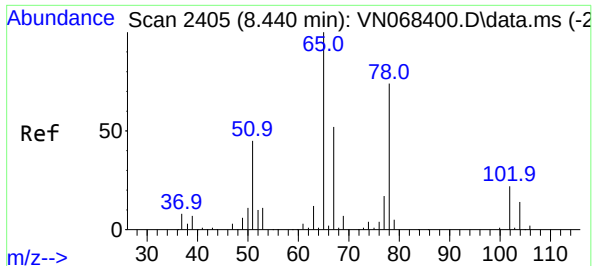
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#15
Acetone
Concen: 28.398 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.014 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

Tgt Ion: 58 Resp: 16054
Ion Ratio Lower Upper
58 100
43 298.1 289.6 434.4





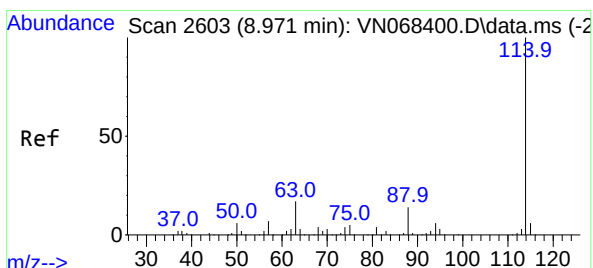
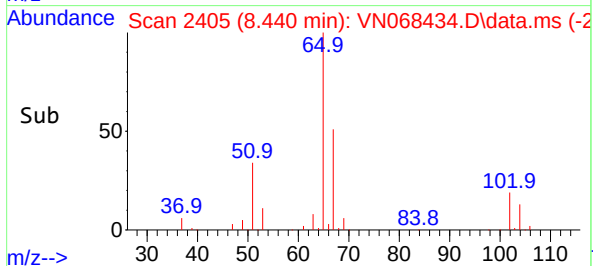
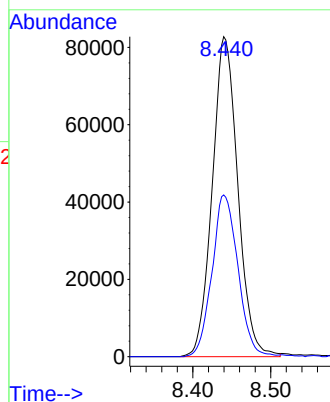
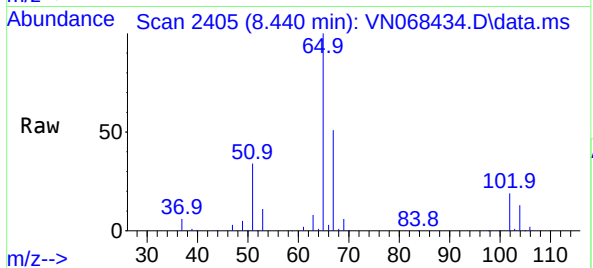
#27
1,2-Dichloroethane-d4
Concen: 33.666 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

Tgt Ion: 65 Resp: 188571
Ion Ratio Lower Upper
65 100
67 51.3 39.8 59.8

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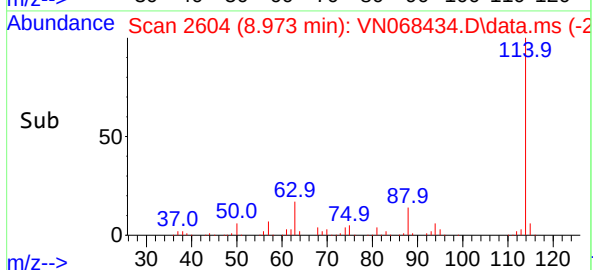
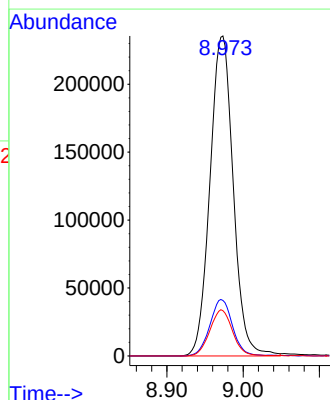
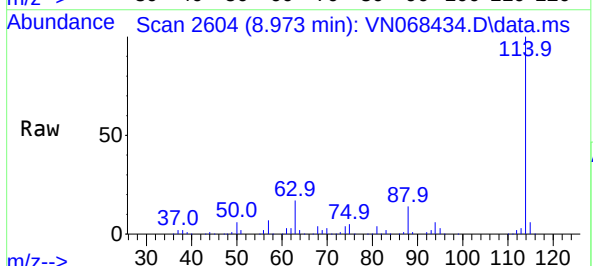
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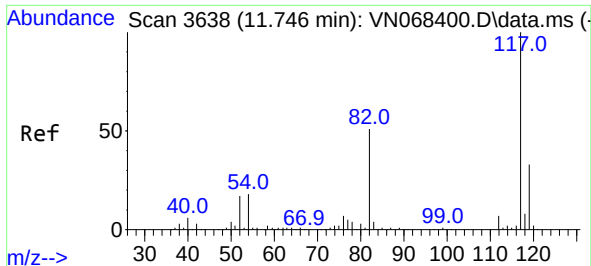
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

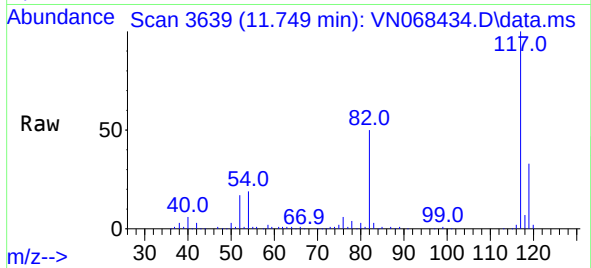
Tgt Ion: 114 Resp: 499463
Ion Ratio Lower Upper
114 100
63 17.2 20.3 30.5#
88 14.1 14.6 22.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

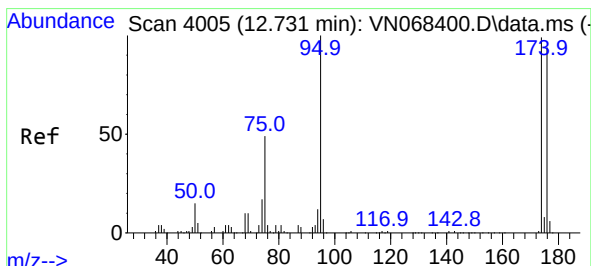
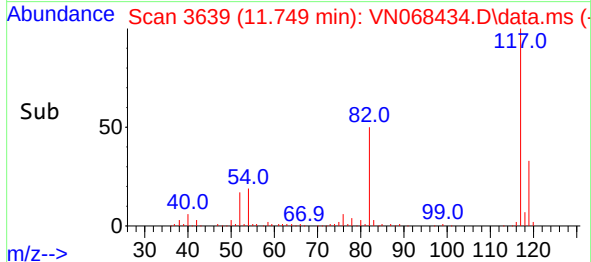
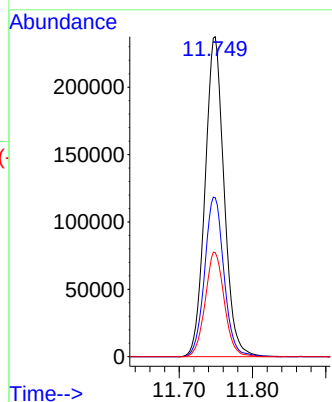
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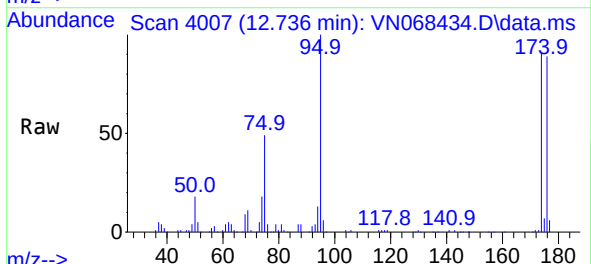
Tgt Ion:117 Resp: 427982
Ion Ratio Lower Upper
117 100
82 50.7 52.5 78.7#
119 32.8 25.8 38.8

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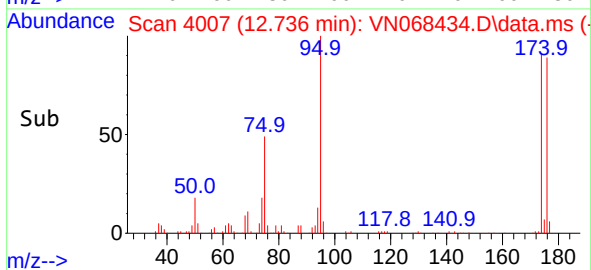
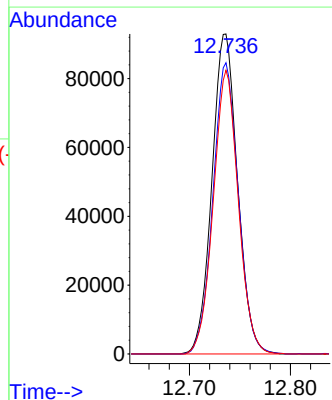
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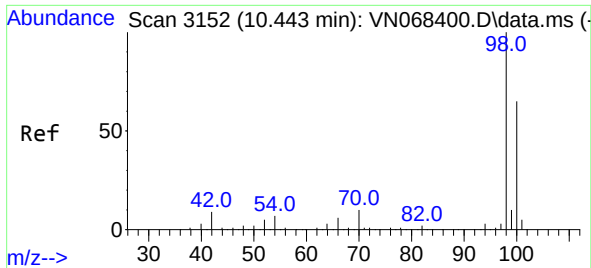


#60
4-Bromofluorobenzene
Concen: 27.042 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.006 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25



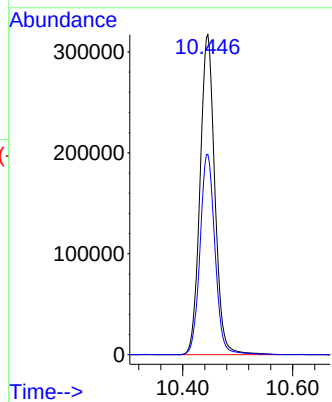
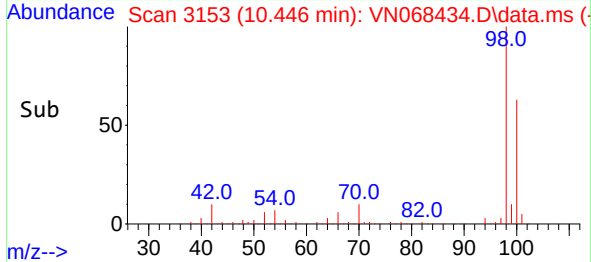
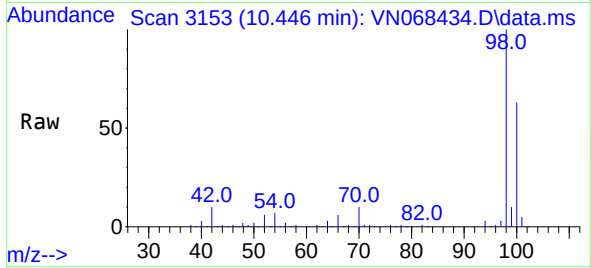
Tgt Ion: 95 Resp: 163896
Ion Ratio Lower Upper
95 100
174 90.2 47.7 71.5#
176 86.5 45.7 68.5#





#63
Toluene-d8
Concen: 31.096 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068434.D
Acq: 8 Sep 2021 12:25

Tgt Ion: 98 Resp: 592664
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



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