

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067747.D
 Acq On : 14 Jul 2021 16:46
 Operator : JC/MD
 Sample : M2960-02RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 7/16/2021 10:43:26 AM

Quant Time: Jul 14 17:17:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	60044	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	354465	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	320387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	164407	33.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.967%#
60) 4-Bromofluorobenzene	12.734	95	121676	23.385	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.933%
63) Toluene-d8	10.443	98	446697	30.313	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.033%
Target Compounds						Qvalue
15) Acetone	4.293	58	2898m	6.688	ug/l	

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

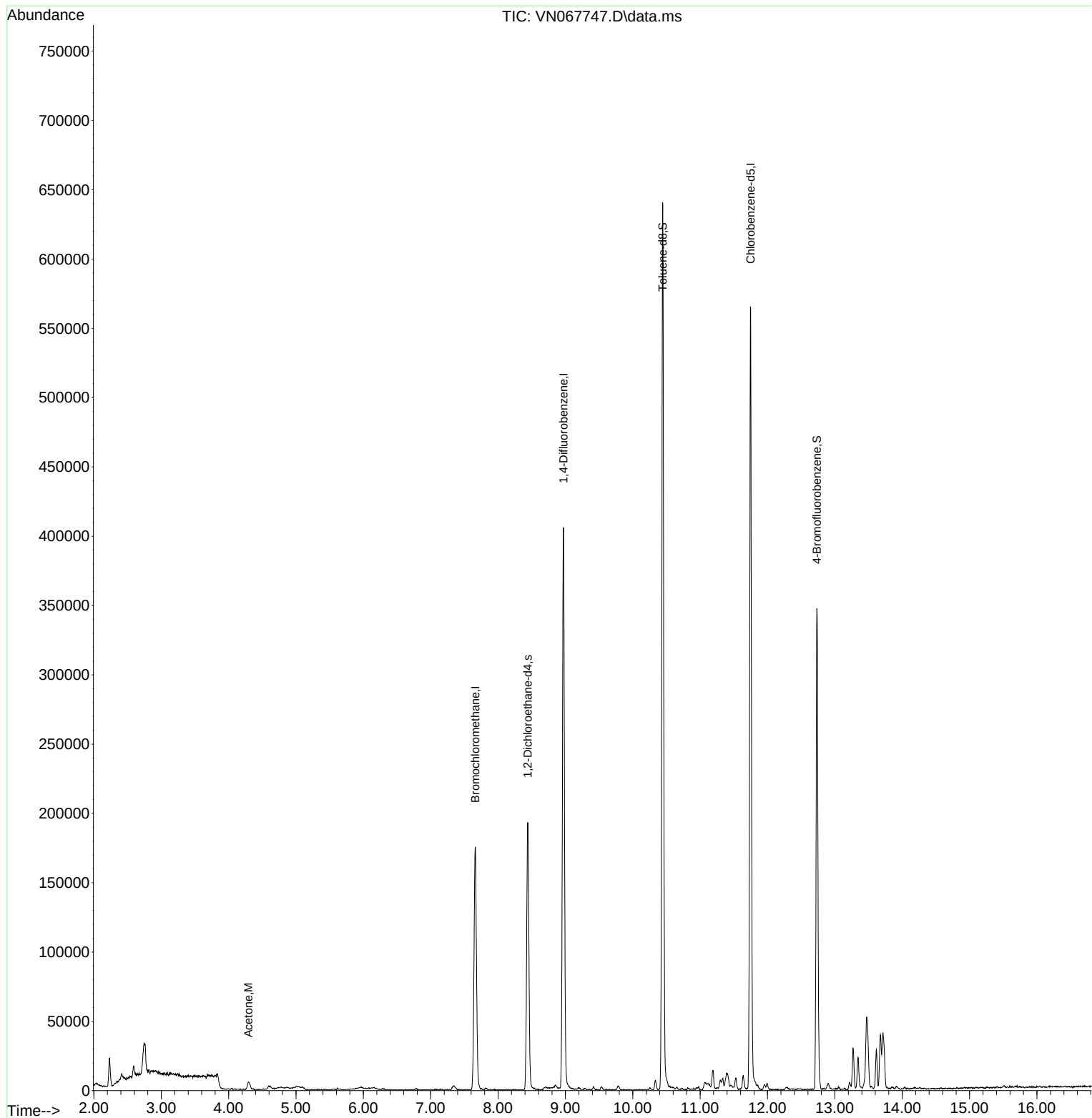
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
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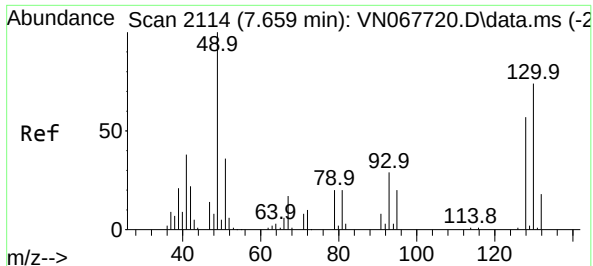
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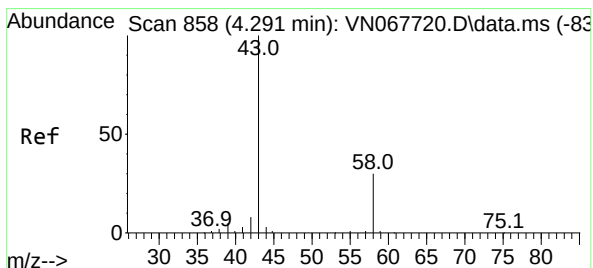
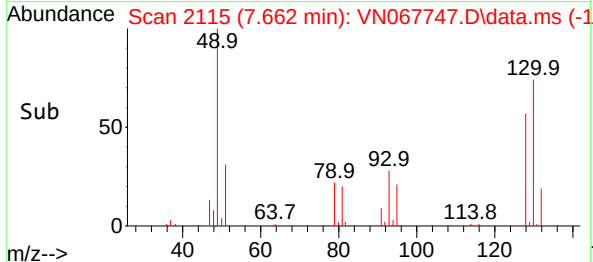
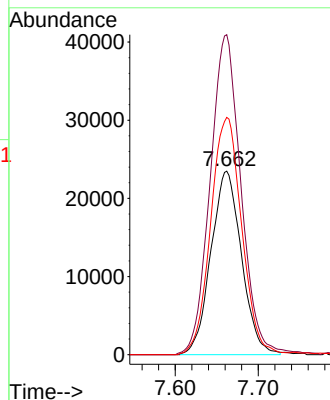
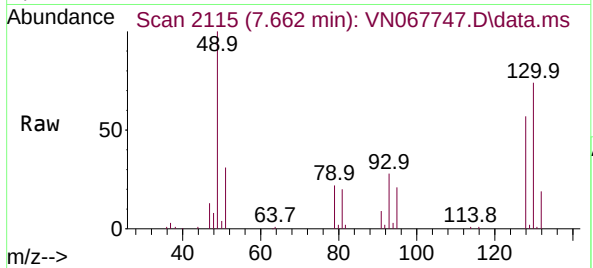
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

Tgt Ion	Ratio	Lower	Upper
128	100		
49	175.4	0.0	433.0
130	131.6	0.0	323.8

Instrument :
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002-35TH-AVE(JULY)RE

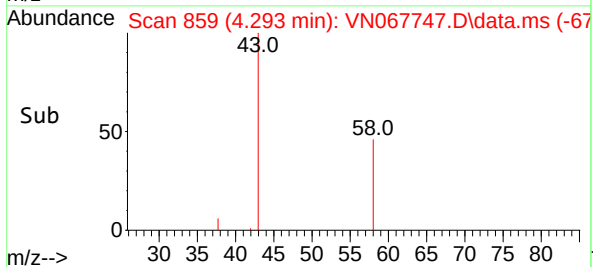
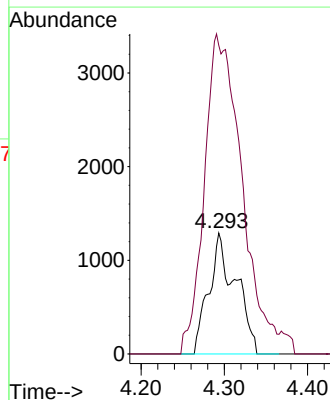
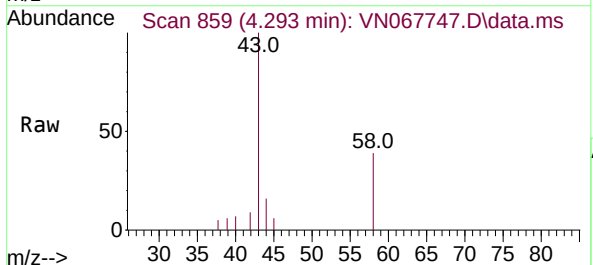
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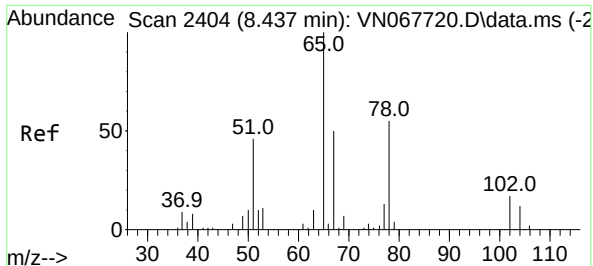
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#15
Acetone
Concen: 6.688 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

Tgt Ion	Ratio	Lower	Upper
58	100		
43	255.0	268.2	402.4#





#27

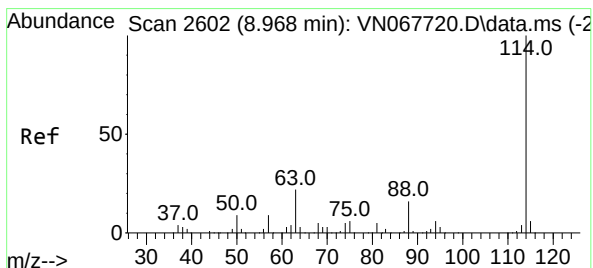
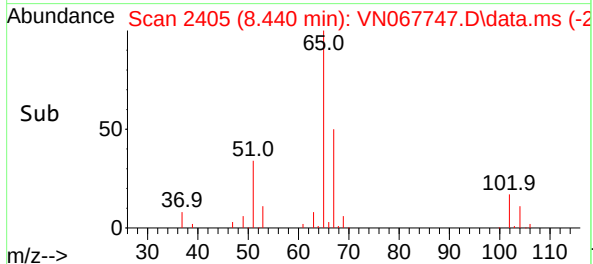
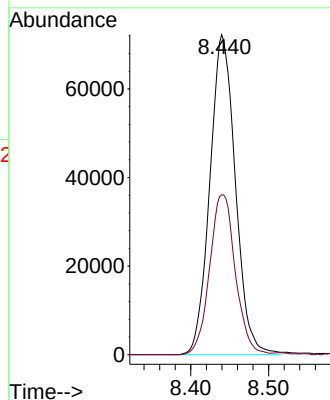
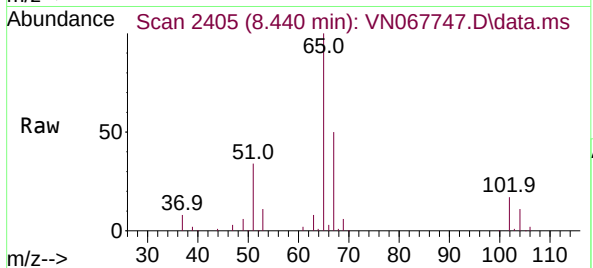
1,2-Dichloroethane-d4
Concen: 33.892 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

Tgt Ion: 65 Resp: 164407
Ion Ratio Lower Upper
65 100
67 50.4 40.6 60.8

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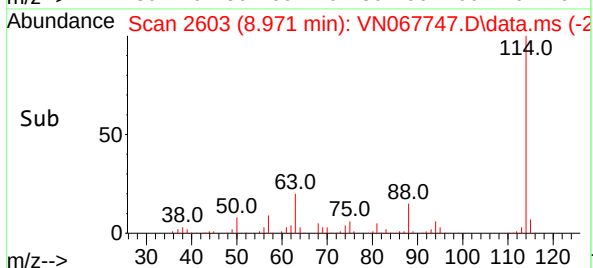
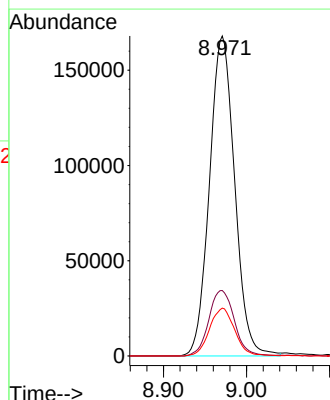
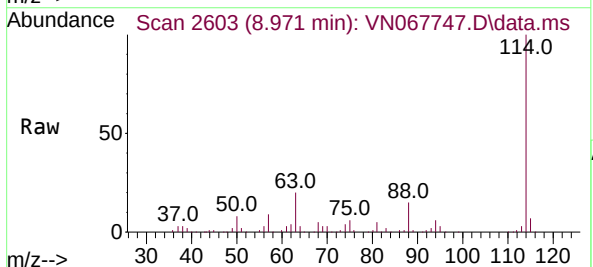
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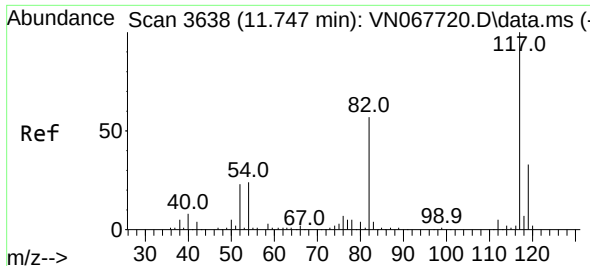


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

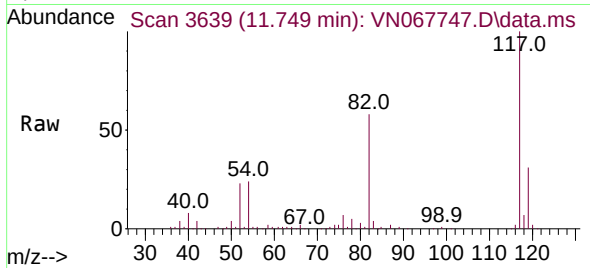
Tgt Ion: 114 Resp: 354465
Ion Ratio Lower Upper
114 100
63 20.8 17.2 25.8
88 14.8 12.4 18.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

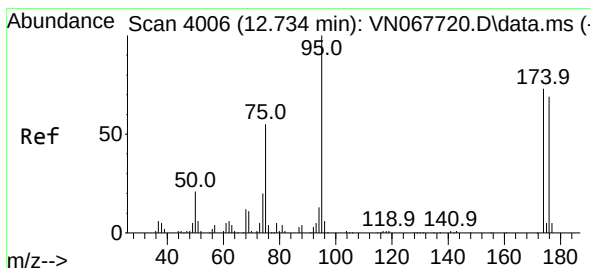
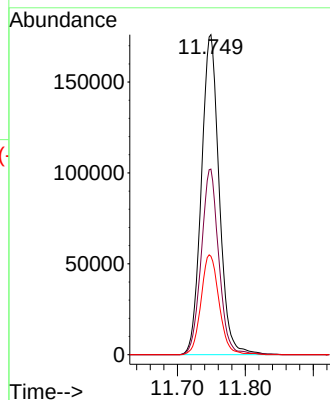
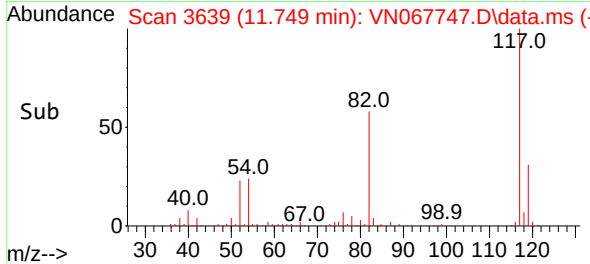
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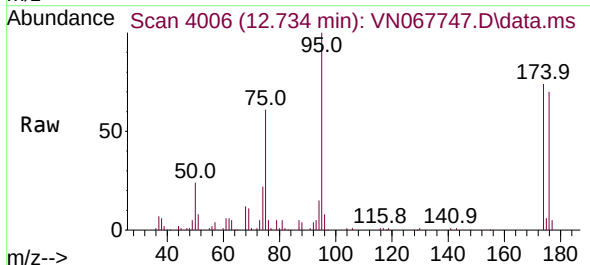
Tgt Ion: 117 Resp: 320387
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.5 25.7 38.5

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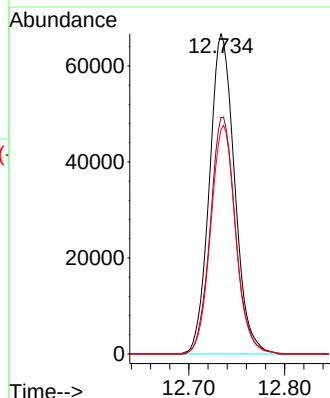
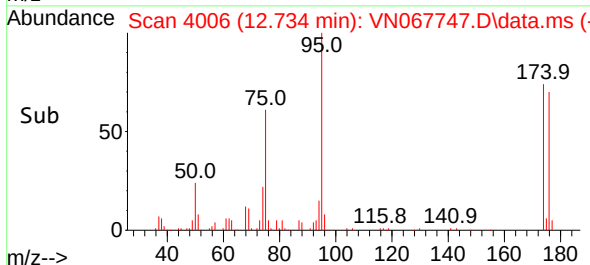
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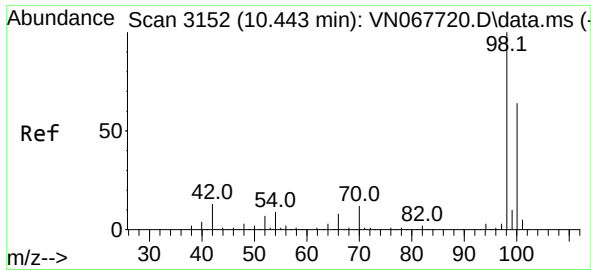


#60
4-Bromofluorobenzene
Concen: 23.385 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46



Tgt Ion: 95 Resp: 121676
Ion Ratio Lower Upper
95 100
174 73.9 57.1 85.7
176 71.1 54.6 81.8





#63
Toluene-d8
Concen: 30.313 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067747.D
Acq: 14 Jul 2021 16:46

Tgt Ion: 98 Resp: 446697
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

Instrument :
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