

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066726.D
 Acq On : 22 Apr 2021 19:46
 Operator : JC/MD
 Sample : M2150-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-40

Manual Integrations
 APPROVED

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4/23/2021 1:15:51 PM

Quant Time: Apr 23 06:31:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.111	128	47863	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	246575	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	208219	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	101604	29.46	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.20%
60) 4-Bromofluorobenzene	12.352	95	67230	20.60	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.67%
63) Toluene-d8	10.029	98	301696	31.49	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.97%
Target Compounds						
15) Acetone	3.764	58	1128m	2.88	ug/l	Qvalue

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

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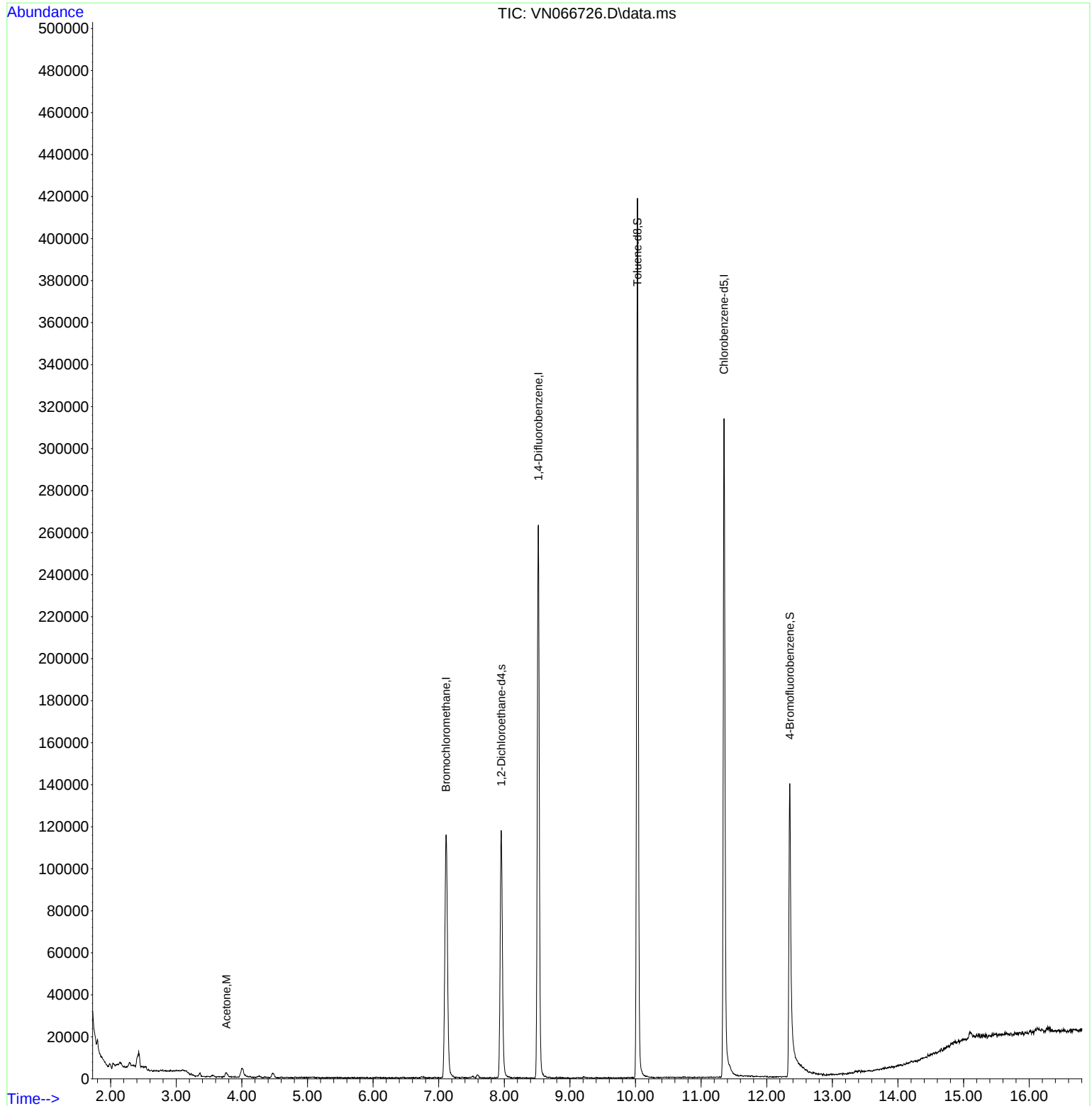
Instrument :
MSVOA_N
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TWP-40

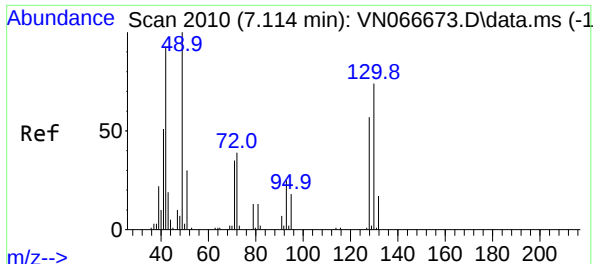
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
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QLast Update : Wed Apr 21 16:55:39 2021
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#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.111 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

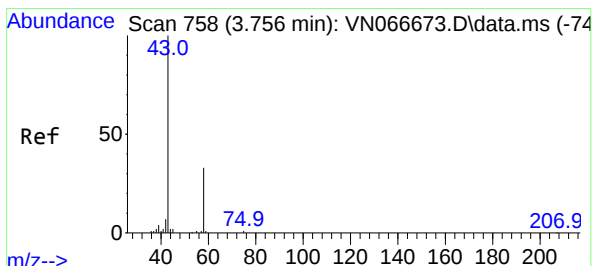
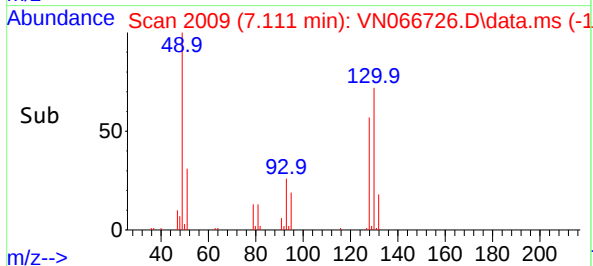
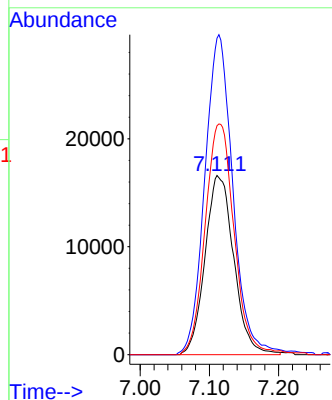
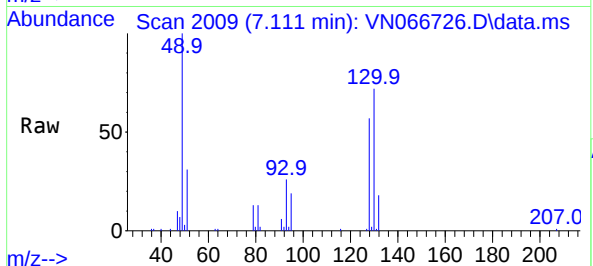
Tgt Ion:128 Resp: 47863
Ion Ratio Lower Upper
128 100
49 171.6 0.0 429.3
130 128.8 0.0 328.5

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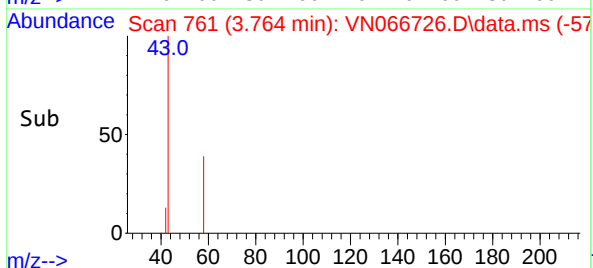
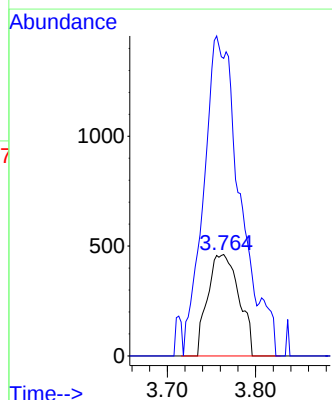
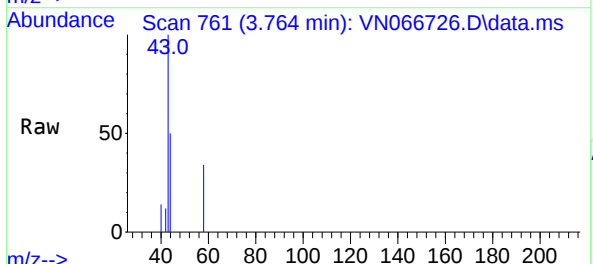
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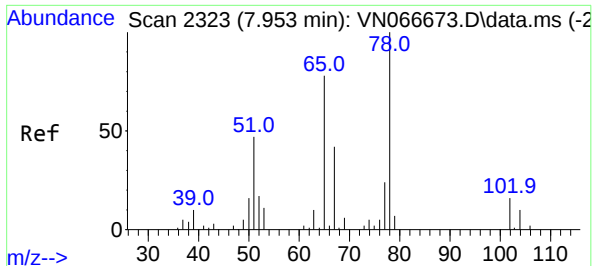
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#15
Acetone
Concen: 2.88 ug/l m
RT: 3.764 min Scan# 761
Delta R.T. 0.008 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

Tgt Ion: 58 Resp: 1128
Ion Ratio Lower Upper
58 100
43 293.3 267.3 400.9





#27
1,2-Dichloroethane-d4
Concen: 29.46 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

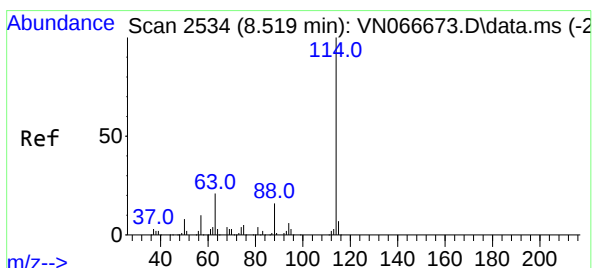
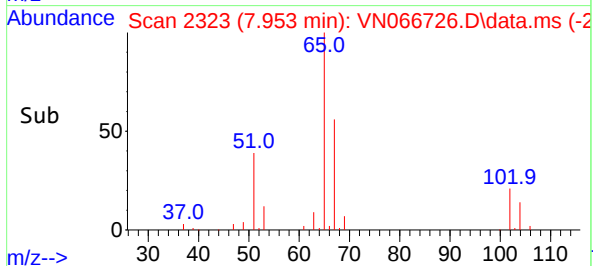
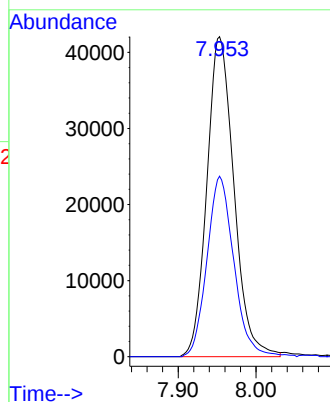
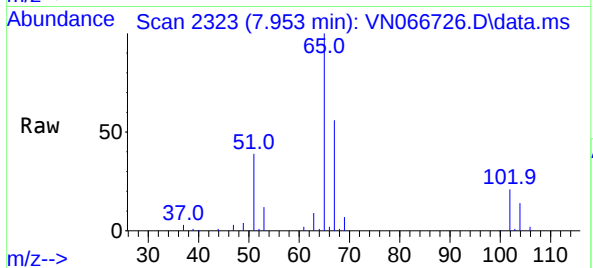
Tgt Ion: 65 Resp: 101604
Ion Ratio Lower Upper
65 100
67 55.8 42.2 63.4

Instrument :
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ClientSampled :
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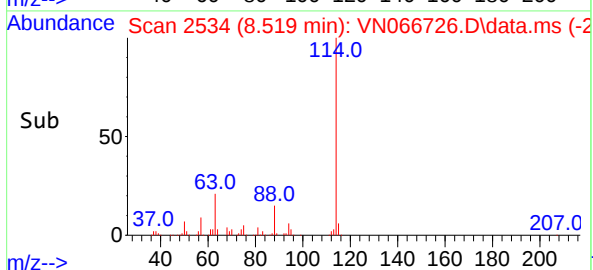
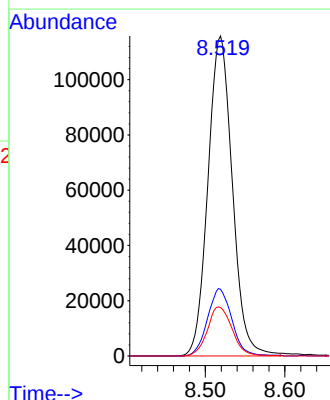
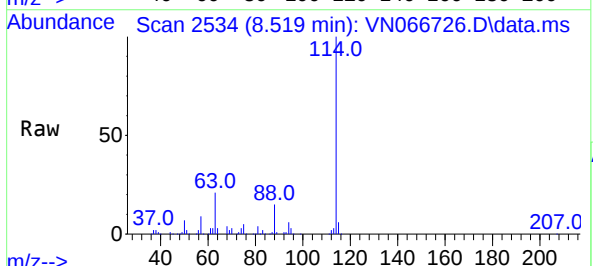
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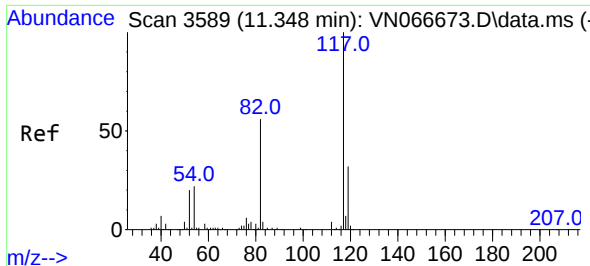
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

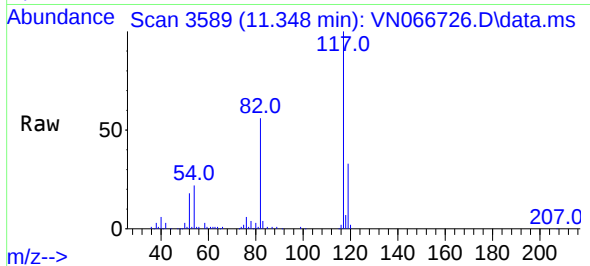
Tgt Ion: 114 Resp: 246575
Ion Ratio Lower Upper
114 100
63 21.0 17.4 26.0
88 15.5 12.6 19.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

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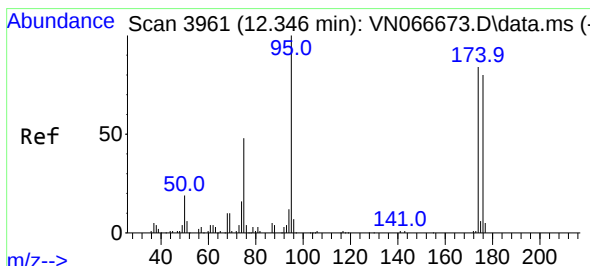
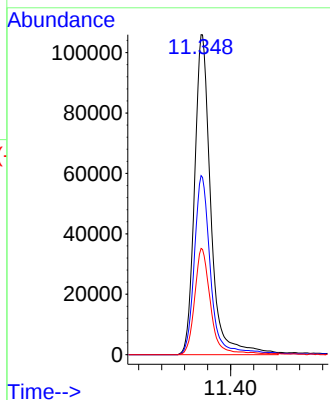
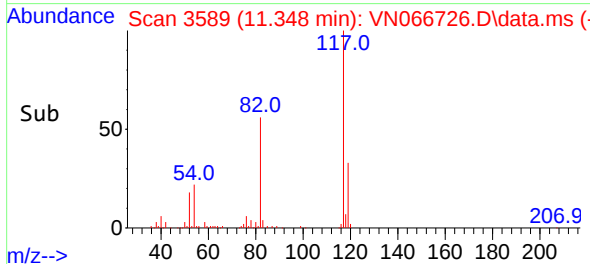


Tgt Ion:117 Resp: 208219
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 31.7 25.5 38.3

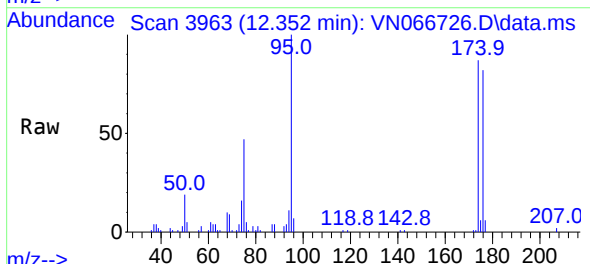
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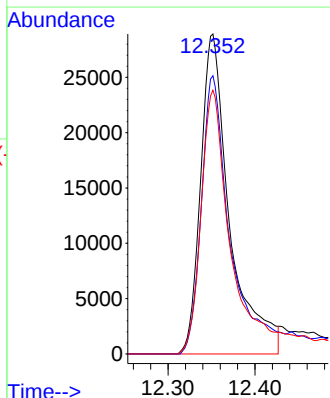
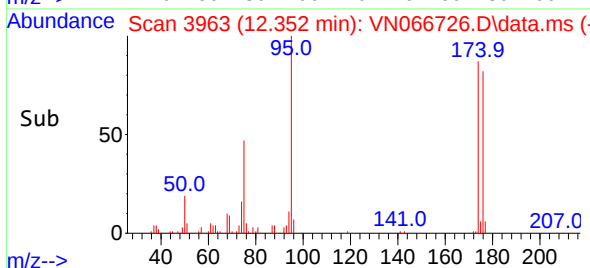
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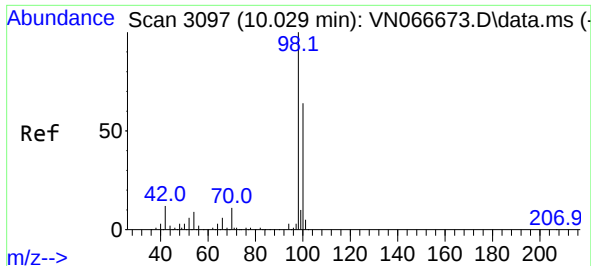


#60
4-Bromofluorobenzene
Concen: 20.60 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46



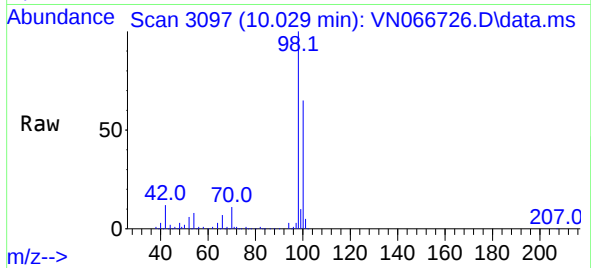
Tgt Ion: 95 Resp: 67230
Ion Ratio Lower Upper
95 100
174 79.8 68.1 102.1
176 85.9 65.4 98.0





#63
Toluene-d8
Concen: 31.49 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066726.D
Acq: 22 Apr 2021 19:46

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Tgt Ion: 98 Resp: 301696
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

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