

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067860.D
 Acq On : 22 Jul 2021 14:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

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 7/27/2021 3:39:01 PM

Quant Time: Jul 24 07:13:11 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	58424	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	334241	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	292423	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	154261	32.682	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.933%
60) 4-Bromofluorobenzene	12.733	95	125972	26.526	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.433%
63) Toluene-d8	10.443	98	423859	31.514	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.033%
Target Compounds						
					Qvalue	
18) Methylene Chloride	5.095	84	4792m	1.222	ug/l	
91) Naphthalene	15.512	128	14424	1.469	ug/l	99

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

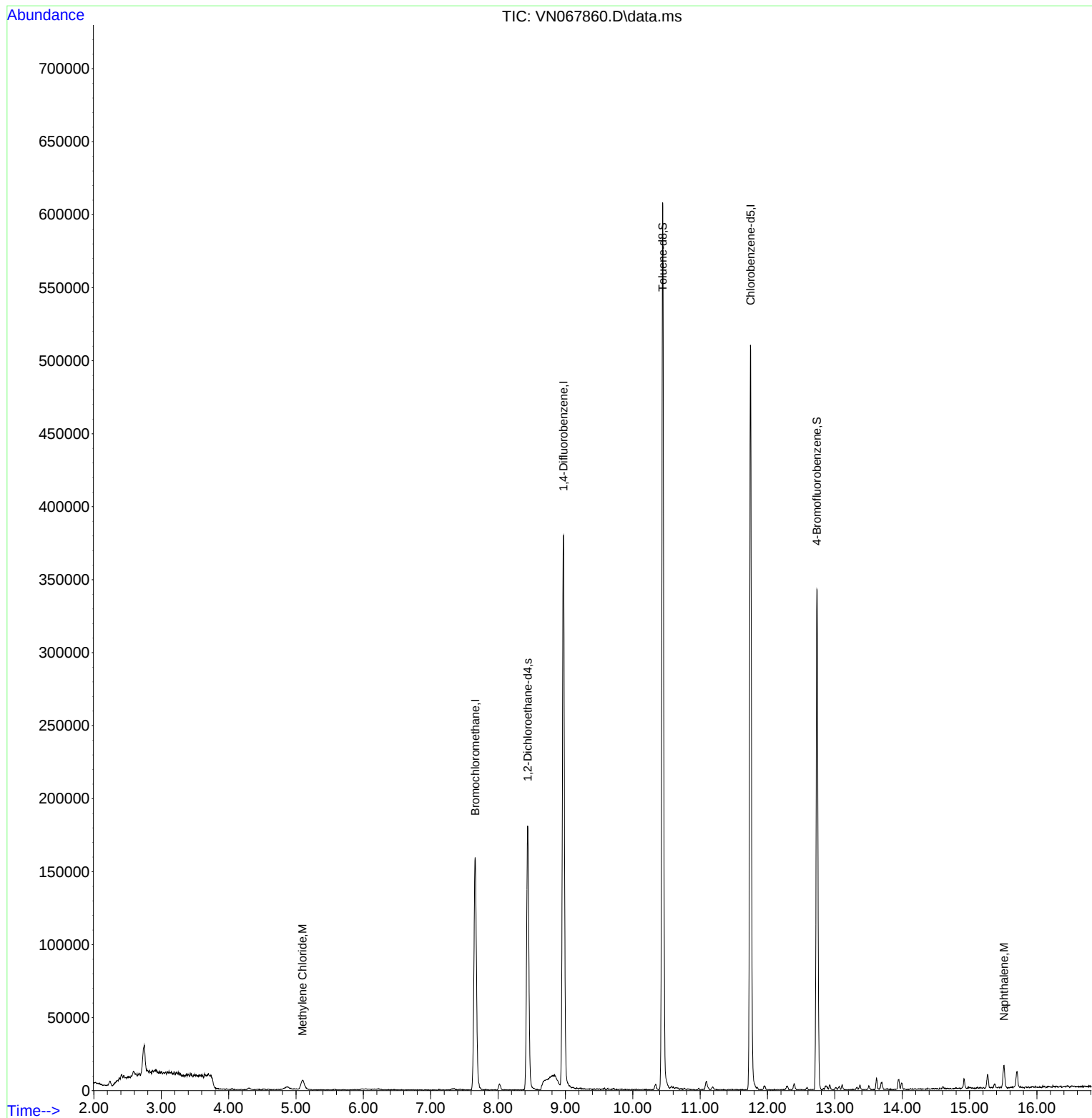
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
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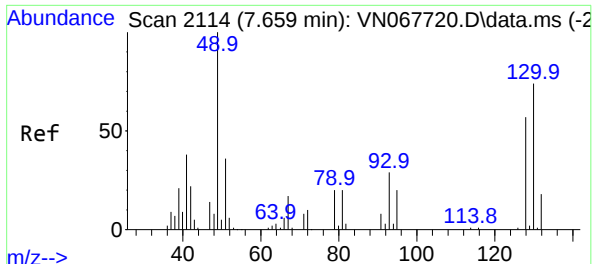
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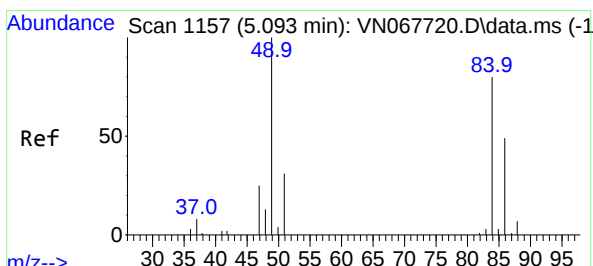
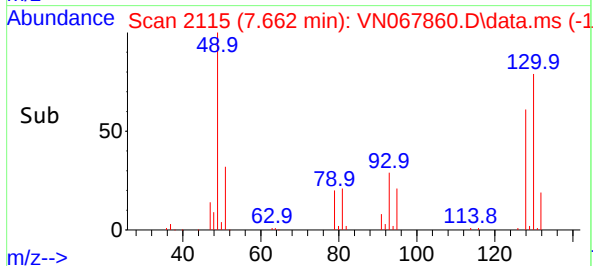
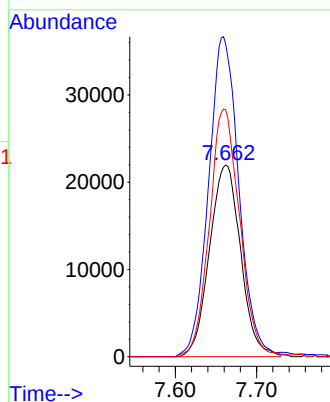
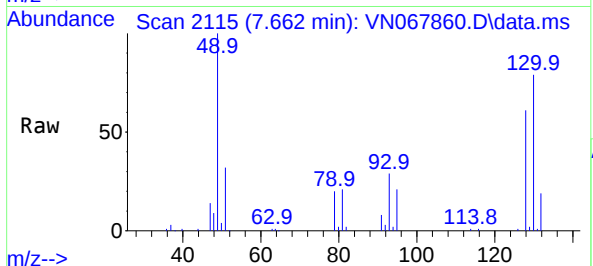
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion:128 Resp: 58424
Ion Ratio Lower Upper
128 100
49 162.1 0.0 433.0
130 125.1 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
IBLK

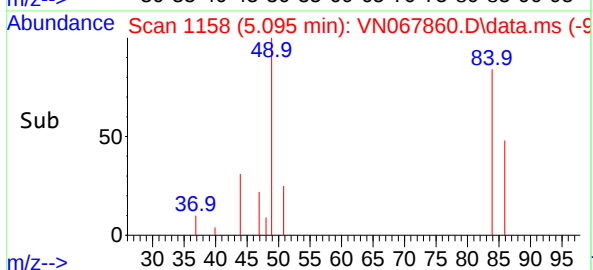
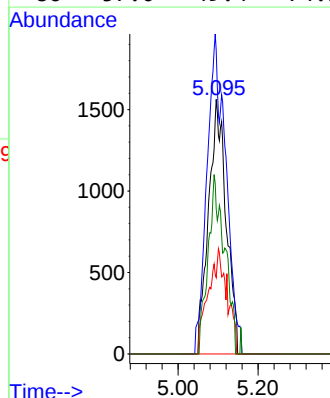
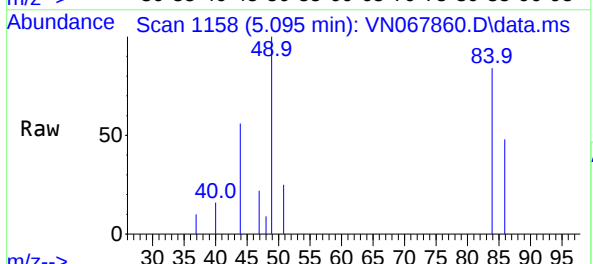
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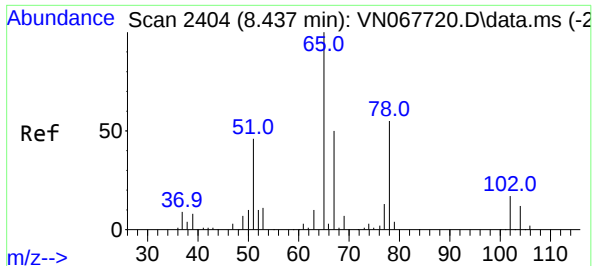
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#18
Methylene Chloride
Concen: 1.222 ug/l m
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion: 84 Resp: 4792
Ion Ratio Lower Upper
84 100
49 119.3 100.5 150.7
51 30.0 30.7 46.1#
86 57.0 49.4 74.2





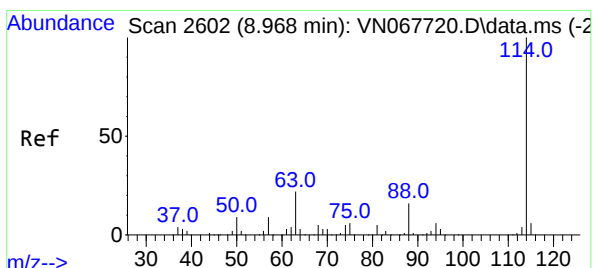
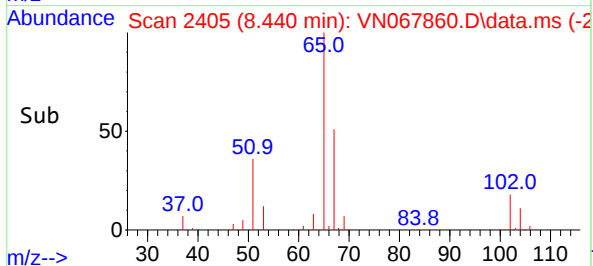
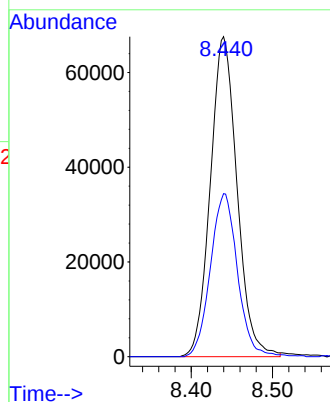
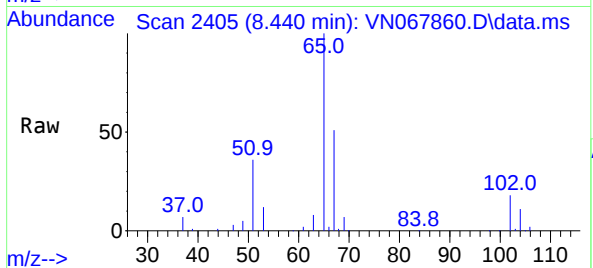
#27
1,2-Dichloroethane-d4
Concen: 32.682 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion: 65 Resp: 154261
Ion Ratio Lower Upper
65 100
67 51.5 40.6 60.8

Instrument :
MSVOA_N
ClientSampled :
IBLK

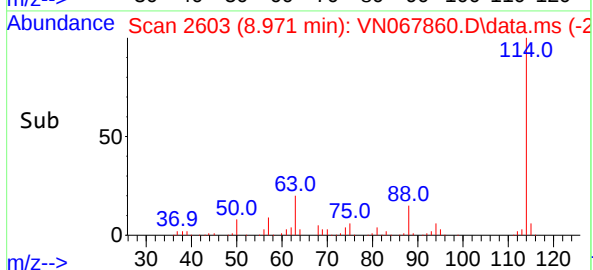
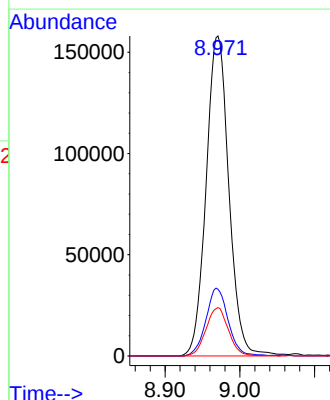
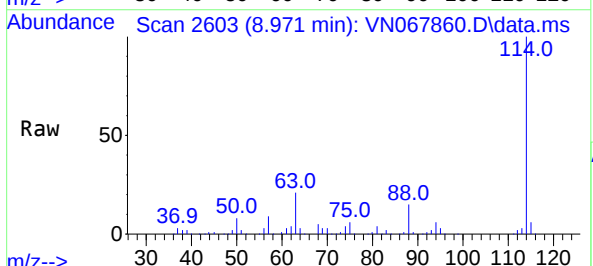
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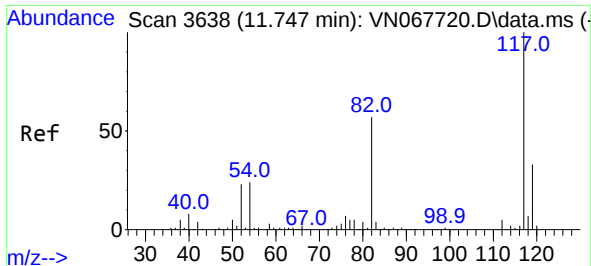
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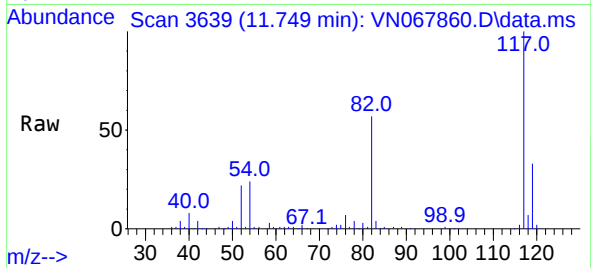
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion: 114 Resp: 334241
Ion Ratio Lower Upper
114 100
63 20.7 17.2 25.8
88 14.8 12.4 18.6

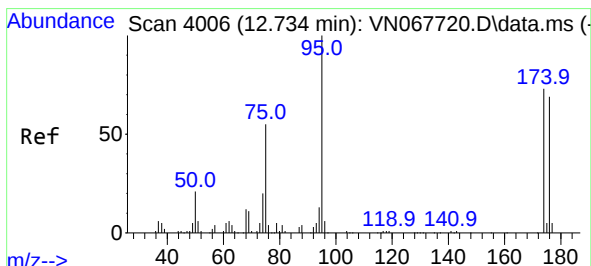
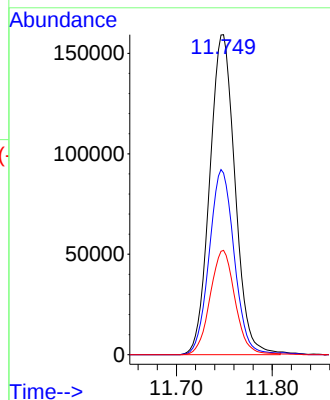
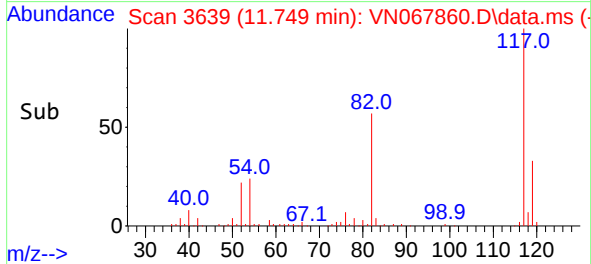




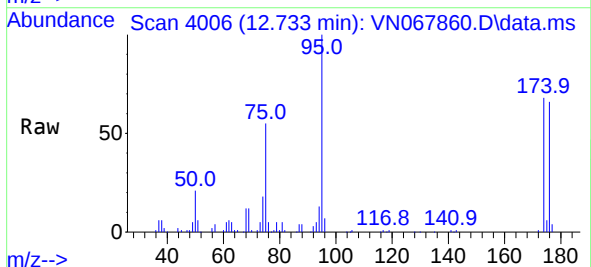
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14



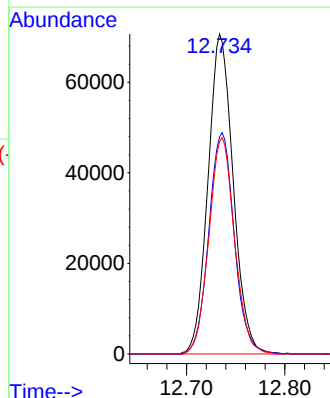
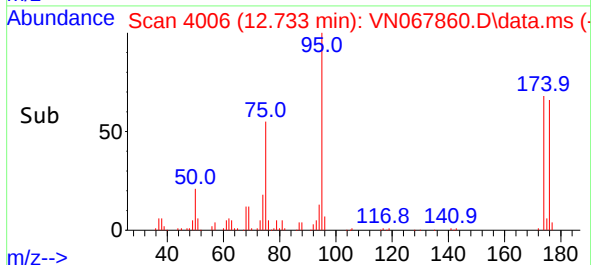
Tgt Ion: 117 Resp: 292423
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.3 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.526 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14



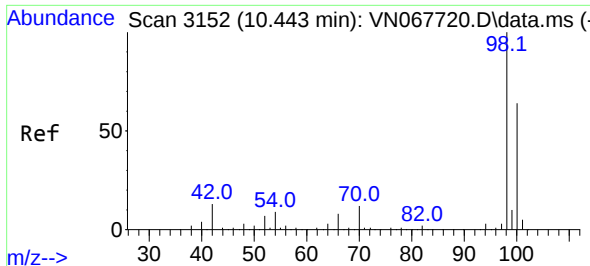
Tgt Ion: 95 Resp: 125972
Ion Ratio Lower Upper
95 100
174 70.0 57.1 85.7
176 68.5 54.6 81.8



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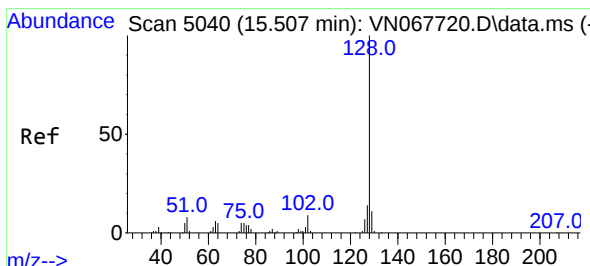
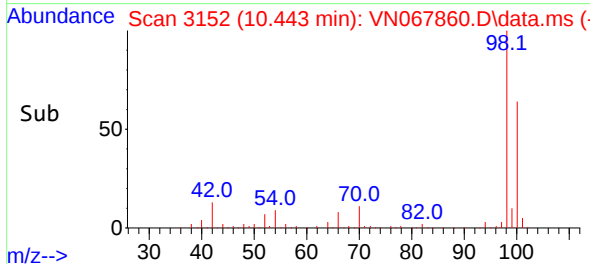
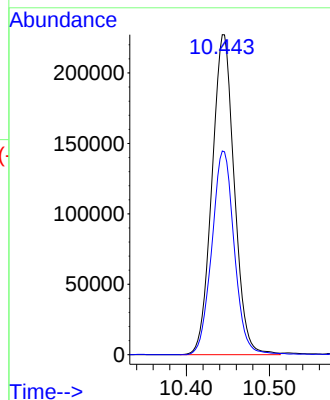
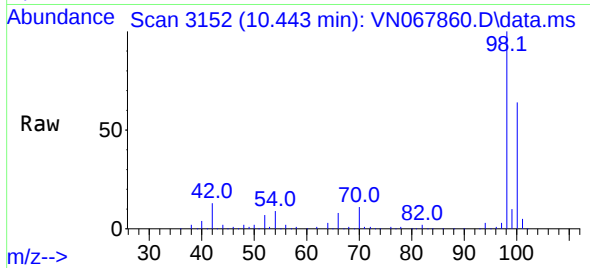
#63
Toluene-d8
Concen: 31.514 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion: 98 Resp: 423859
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.4

Instrument :
MSVOA_N
ClientSampled :
IBLK

Manual Integrations
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#91
Naphthalene
Concen: 1.469 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067860.D
Acq: 22 Jul 2021 14:14

Tgt Ion:128 Resp: 14424
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.3 8.7 13.1

