

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068433.D
 Acq On : 8 Sep 2021 11:56
 Operator : JC/MD
 Sample : M3664-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 9/10/2021 10:50:57 AM

Quant Time: Sep 09 03:32:09 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	88714	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	464299	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	396878	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	176294	33.519	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.733%#
60) 4-Bromofluorobenzene	12.736	95	149365	26.576	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.600%
63) Toluene-d8	10.446	98	541116	30.617	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.067%
Target Compounds						
15) Acetone	4.293	58	16583m	31.240	ug/l	Qvalue
91) Naphthalene	15.504	128	5939	0.470	ug/l	# 78

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

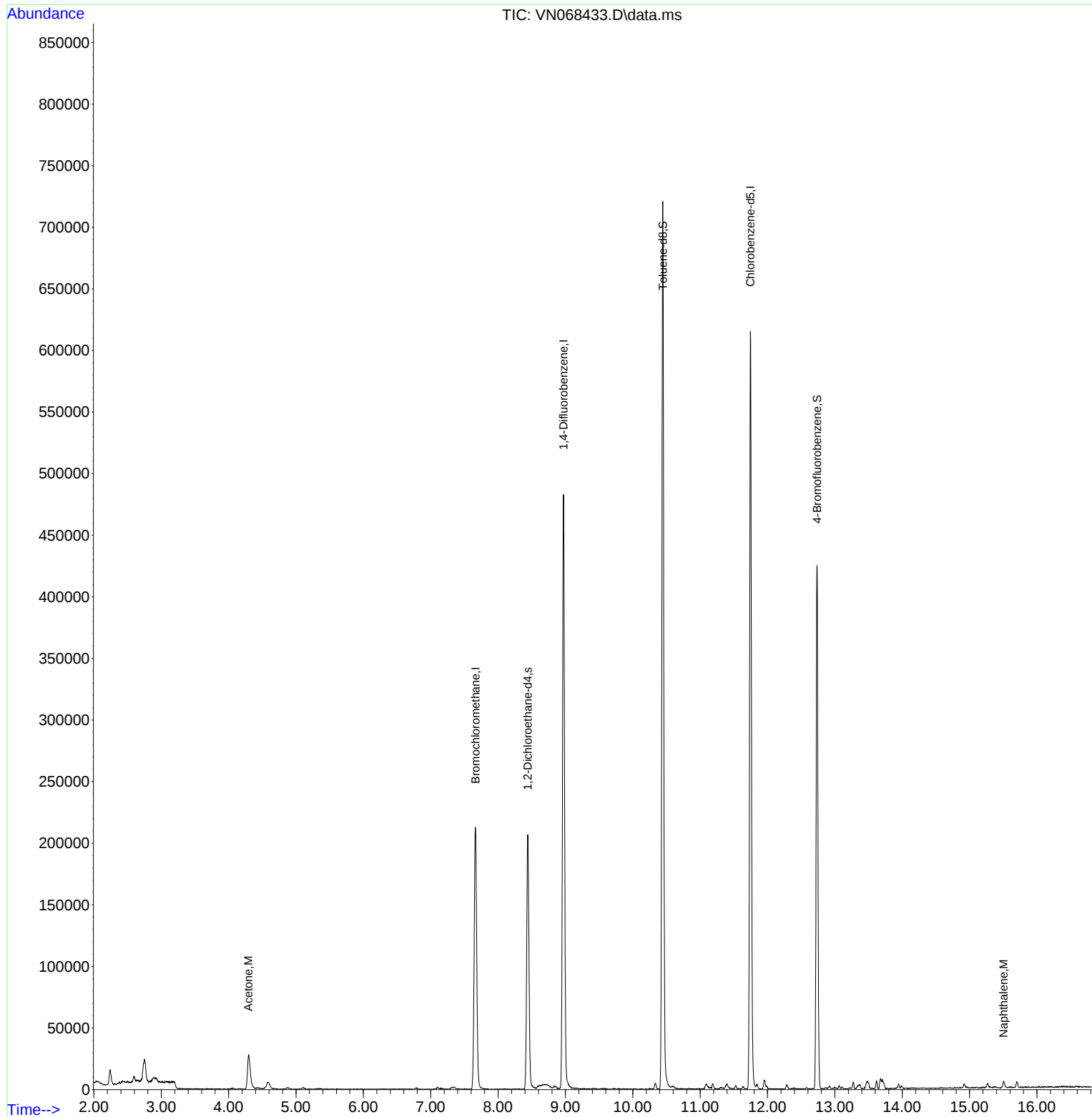
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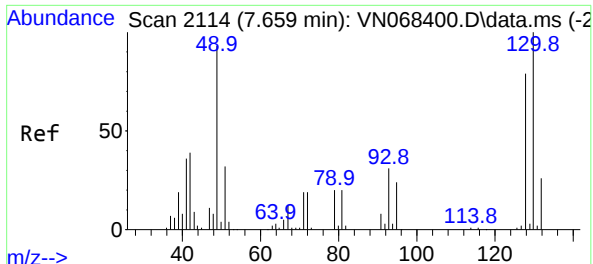
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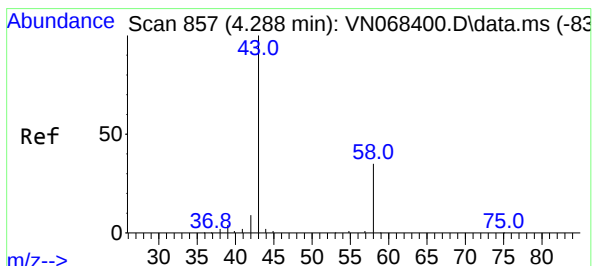
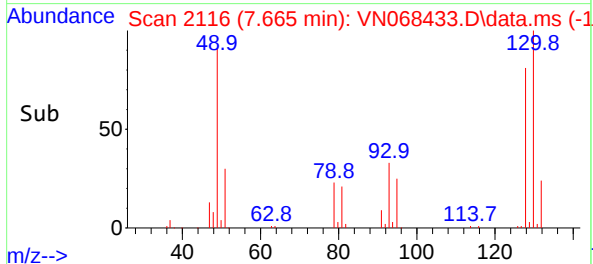
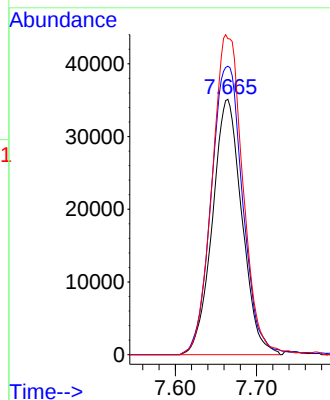
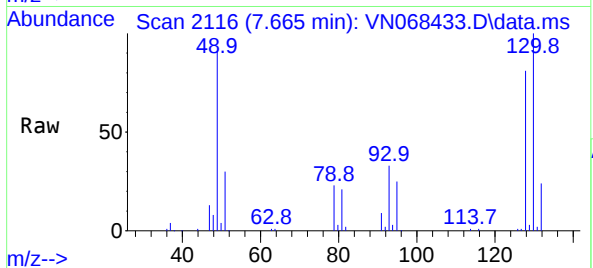
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 128 Resp: 88714
Ion Ratio Lower Upper
128 100
49 120.7 0.0 517.5
130 77.4 0.0 325.8

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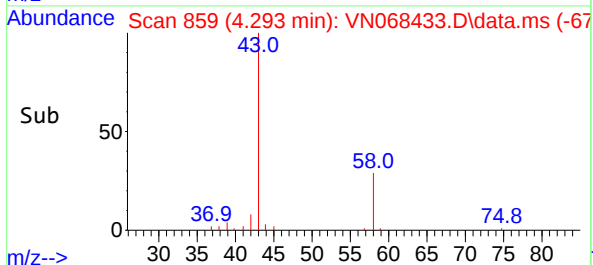
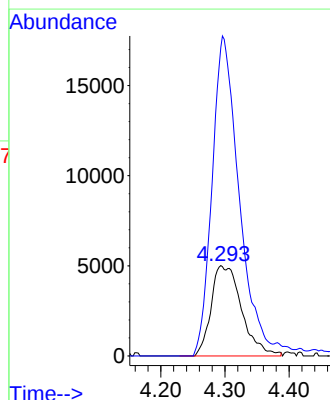
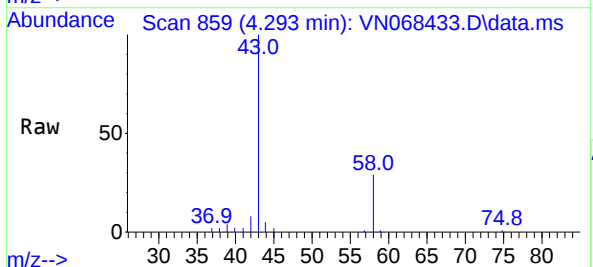
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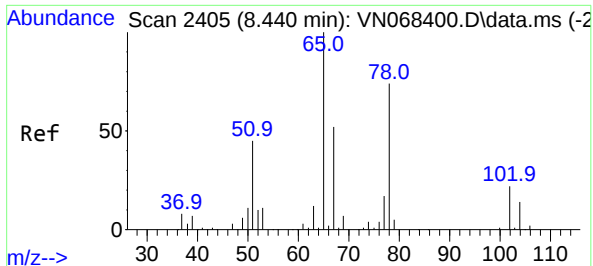
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#15
Acetone
Concen: 31.240 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.006 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 58 Resp: 16583
Ion Ratio Lower Upper
58 100
43 341.5 289.6 434.4





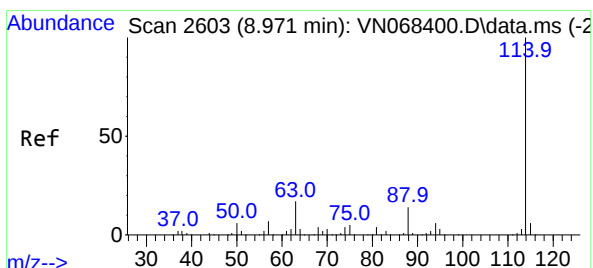
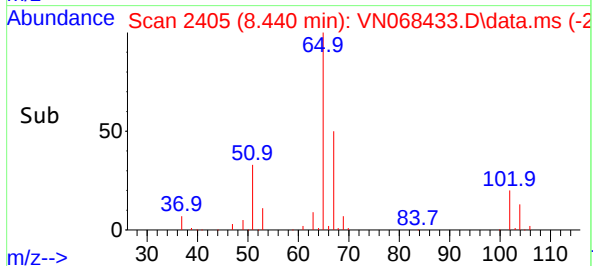
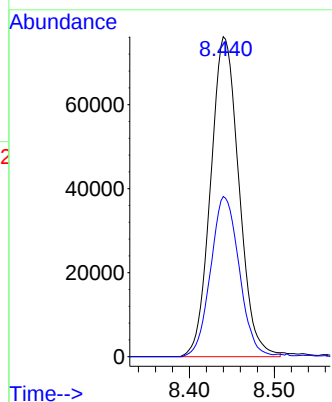
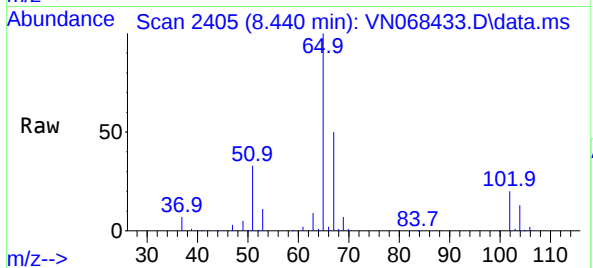
#27
1,2-Dichloroethane-d4
Concen: 33.519 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 65 Resp: 176294
Ion Ratio Lower Upper
65 100
67 50.4 39.8 59.8

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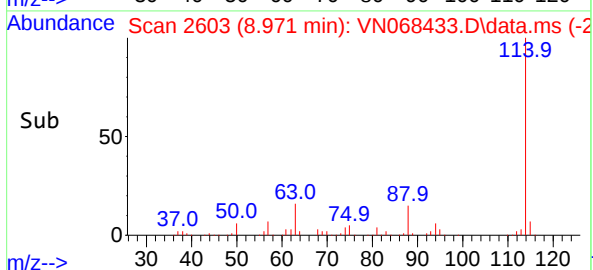
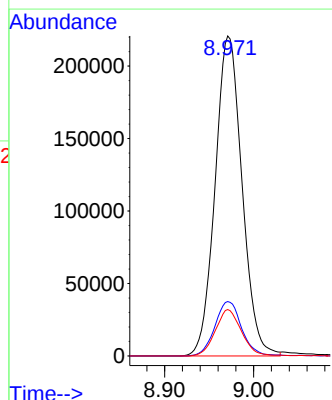
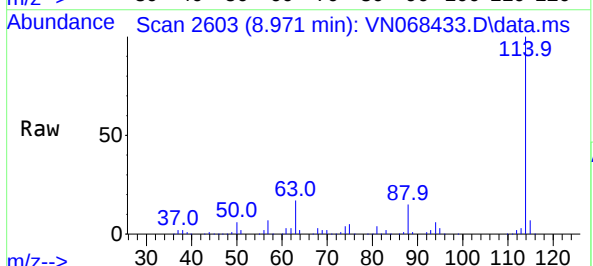
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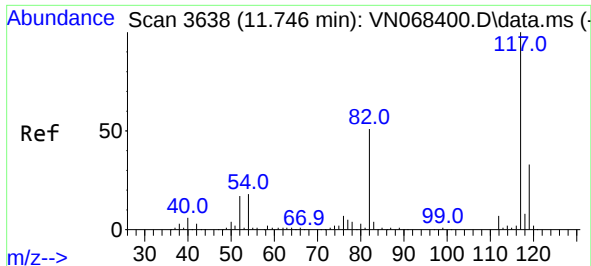
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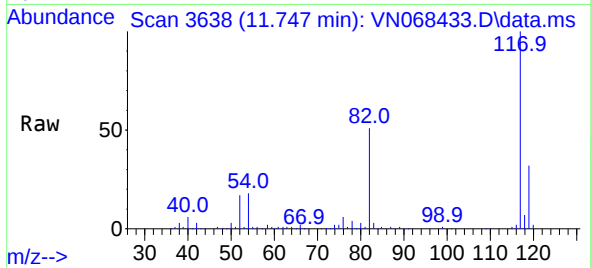
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 114 Resp: 464299
Ion Ratio Lower Upper
114 100
63 16.9 20.3 30.5#
88 14.1 14.6 22.0#

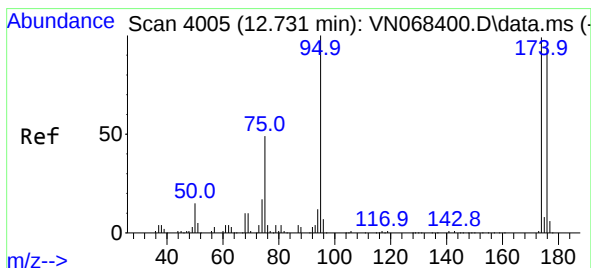
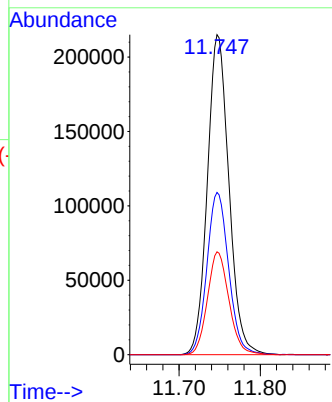
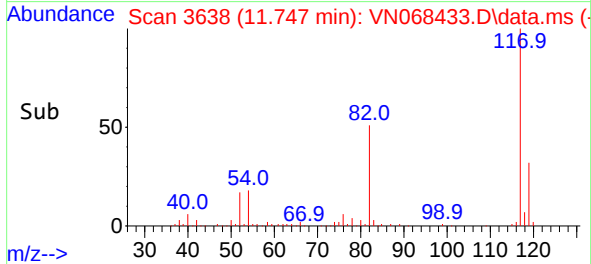




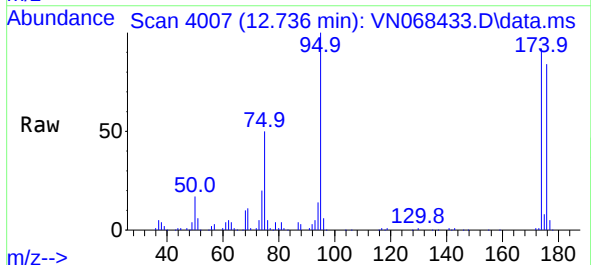
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56



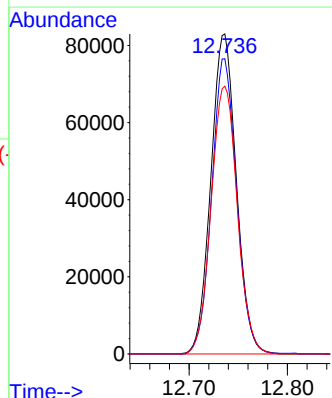
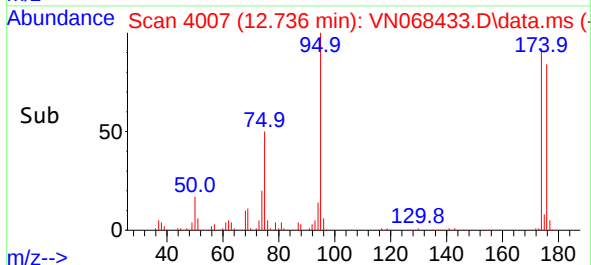
Tgt Ion: 117 Resp: 396878
Ion Ratio Lower Upper
117 100
82 51.3 52.5 78.7#
119 32.1 25.8 38.8



#60
4-Bromofluorobenzene
Concen: 26.576 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.006 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56



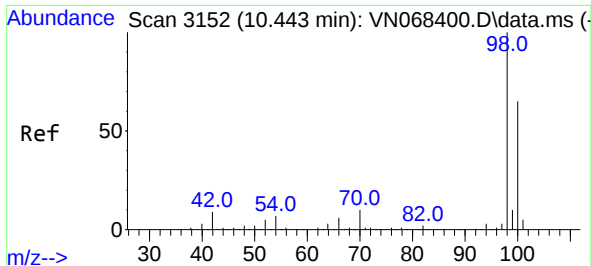
Tgt Ion: 95 Resp: 149365
Ion Ratio Lower Upper
95 100
174 90.5 47.7 71.5#
176 86.1 45.7 68.5#



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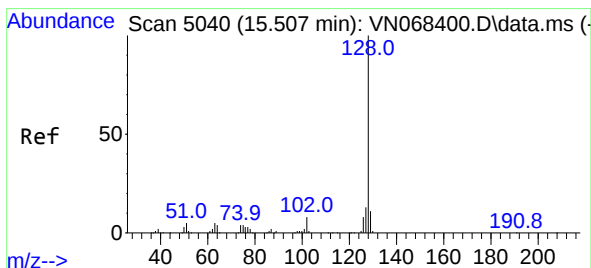
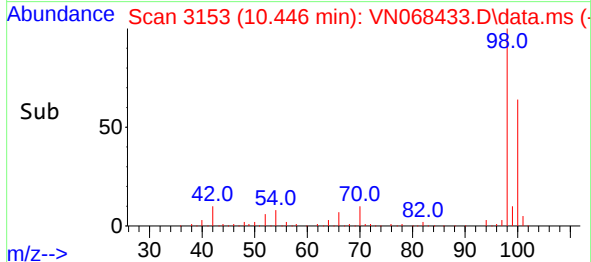
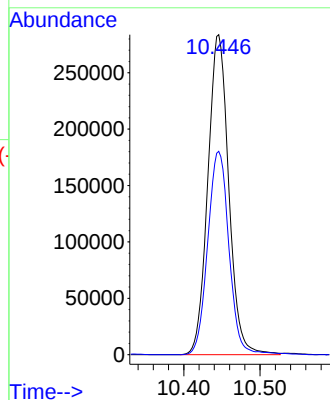
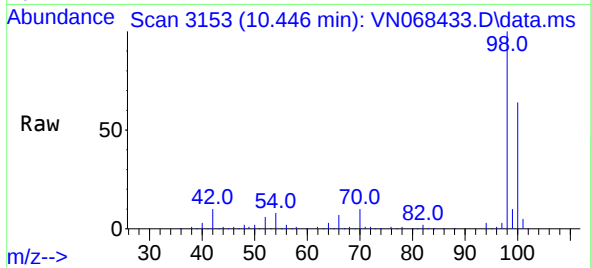
#63
Toluene-d8
Concen: 30.617 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 98 Resp: 541116
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8

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#91
Naphthalene
Concen: 0.470 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.002 min
Lab File: VN068433.D
Acq: 8 Sep 2021 11:56

Tgt Ion: 128 Resp: 5939
Ion Ratio Lower Upper
128 100
127 2.5 10.1 15.1#
129 4.6 8.9 13.3#

