

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070036.D
 Acq On : 13 Dec 2021 16:54
 Operator : JC/MD
 Sample : M4986-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(DEC)

Quant Time: Dec 14 05:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

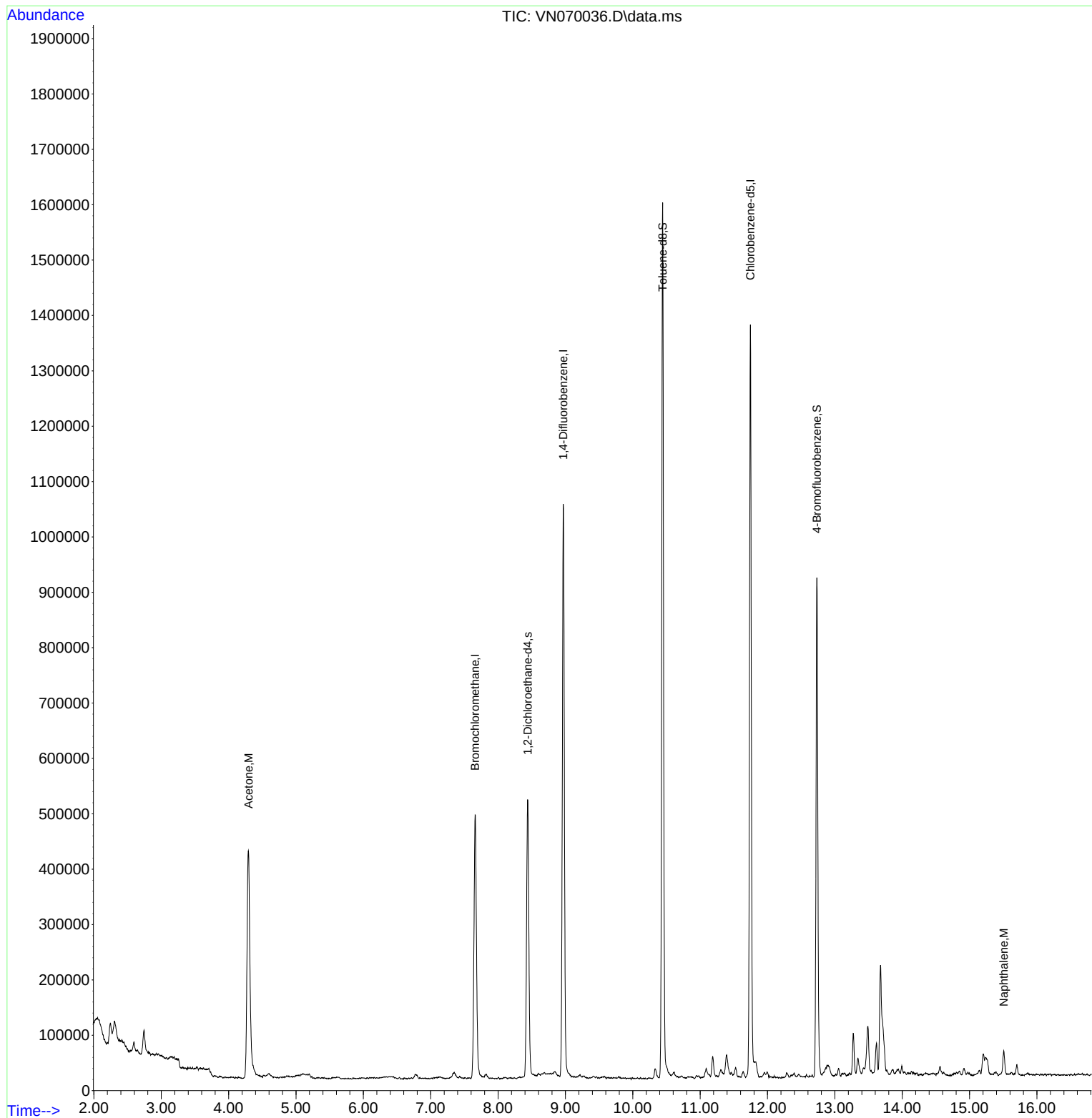
Internal Standards						
1) Bromochloromethane	7.659	128	160850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	865106	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	770003	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	434165	30.458	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.533%
60) 4-Bromofluorobenzene	12.733	95	321439	25.370	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.567%
63) Toluene-d8	10.443	98	1065486	29.943	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
15) Acetone	4.296	58	214164	90.433	ug/l	77
91) Naphthalene	15.507	128	39894	9.313	ug/l	# 91

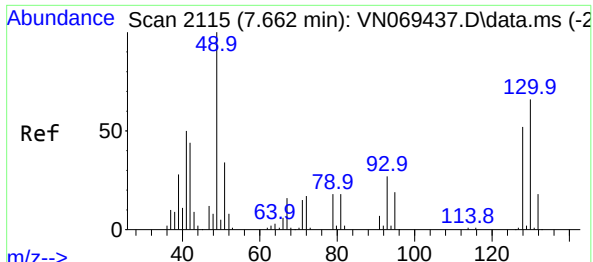
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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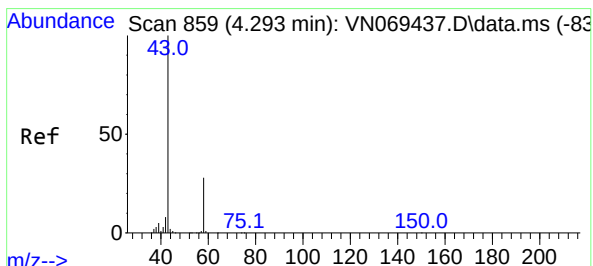
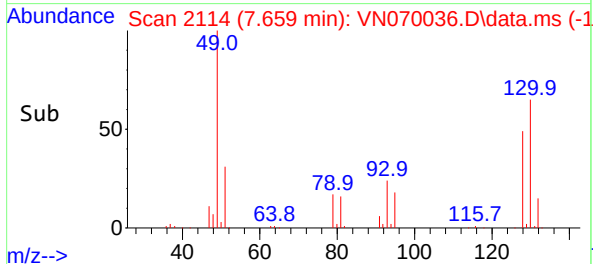
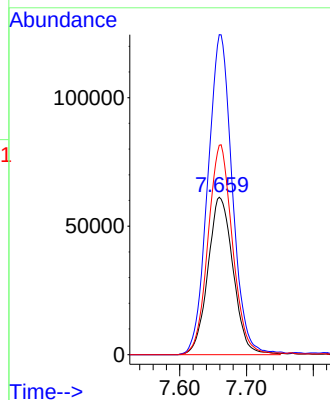
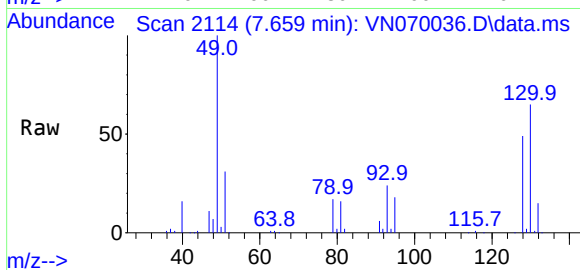




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

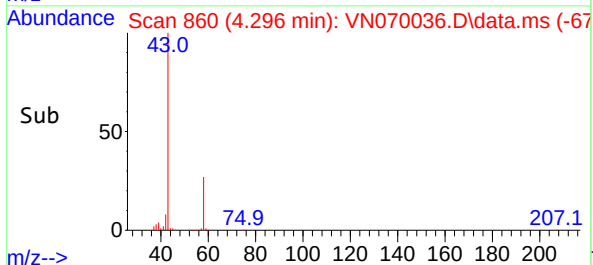
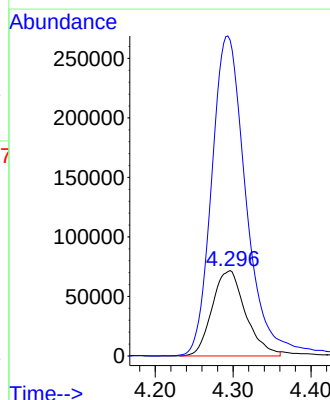
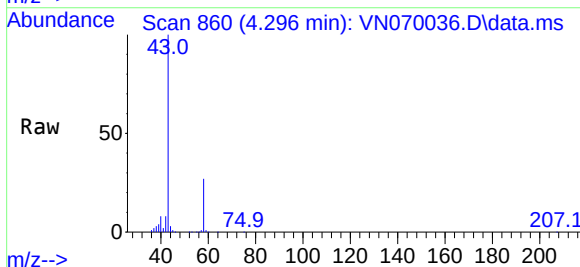
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

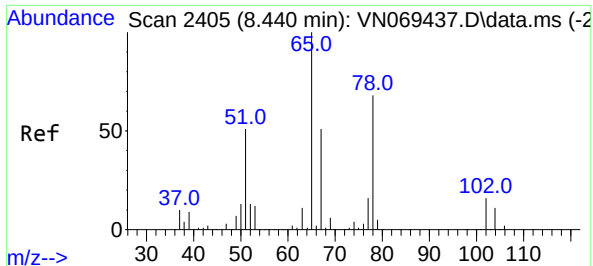
Tgt Ion:128 Resp: 160850
Ion Ratio Lower Upper
128 100
49 196.8 0.0 392.3
130 129.0 0.0 320.2



#15
Acetone
Concen: 90.433 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

Tgt Ion: 58 Resp: 214164
Ion Ratio Lower Upper
58 100
43 368.1 256.6 384.8

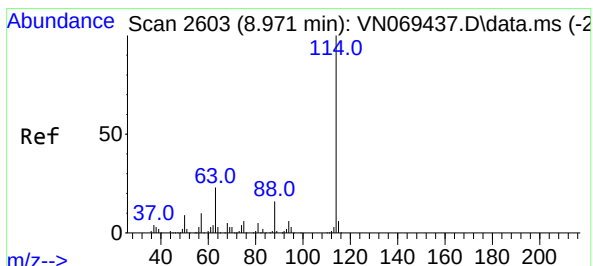
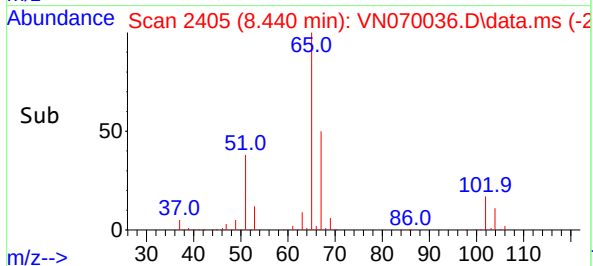
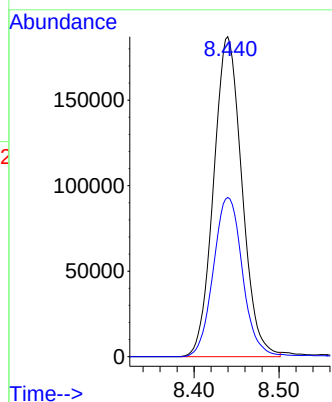
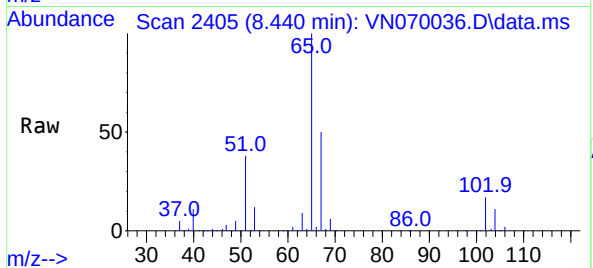




#27
1,2-Dichloroethane-d4
Concen: 30.458 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

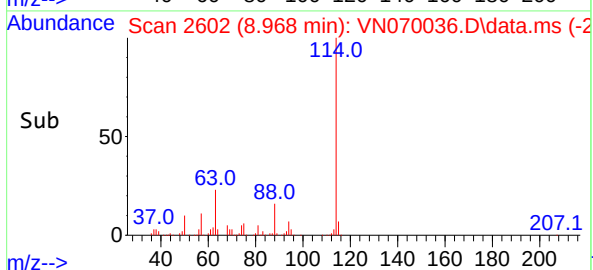
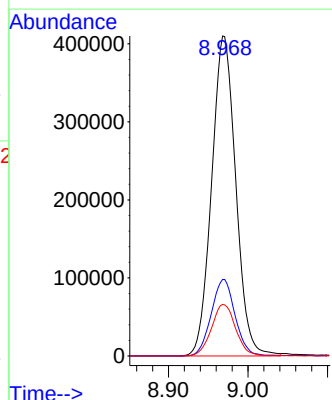
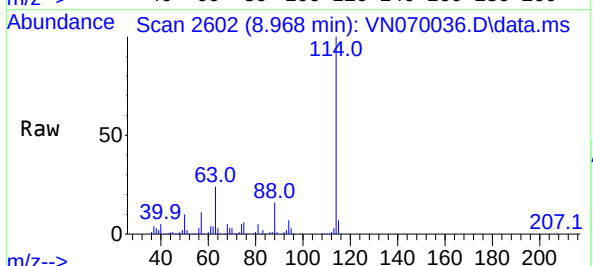
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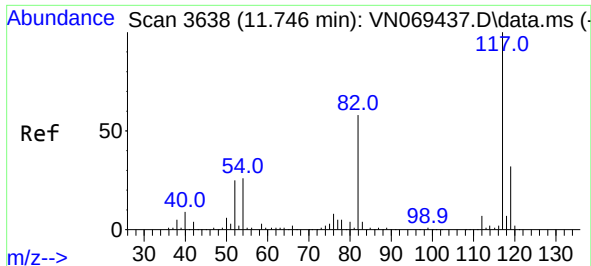
Tgt Ion: 65 Resp: 434165
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

Tgt Ion: 114 Resp: 865106
Ion Ratio Lower Upper
114 100
63 23.7 15.8 23.6#
88 16.1 11.6 17.4

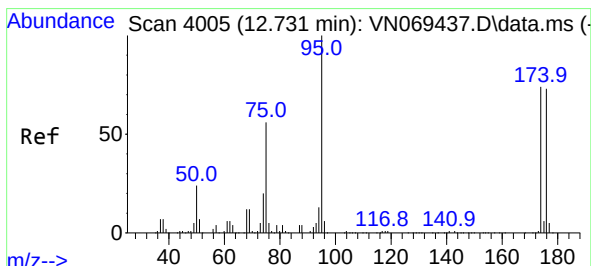
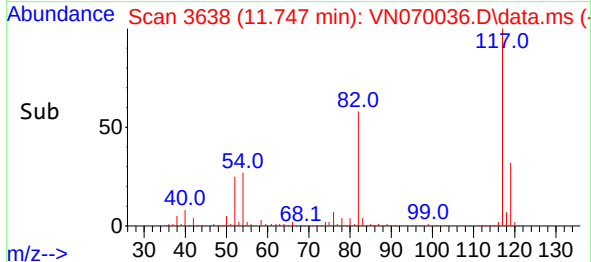
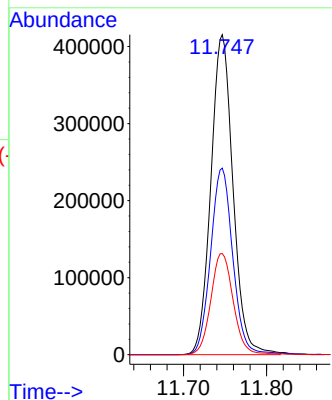
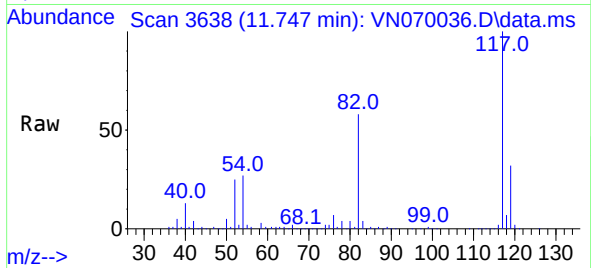




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

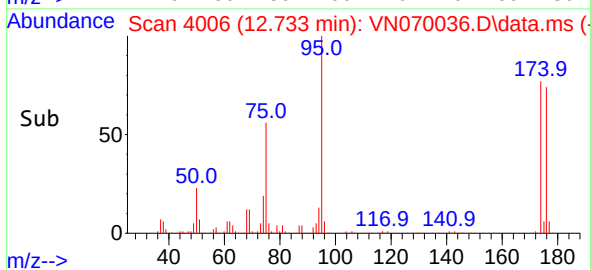
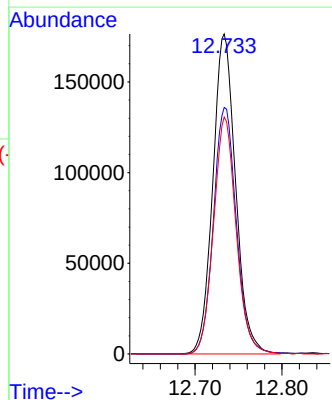
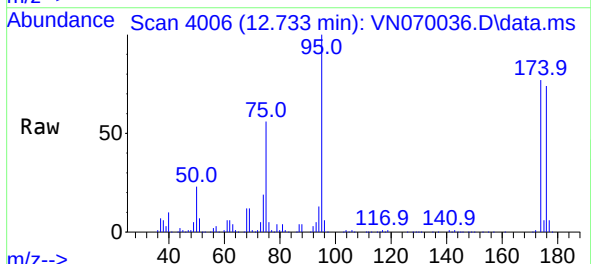
Instrument :
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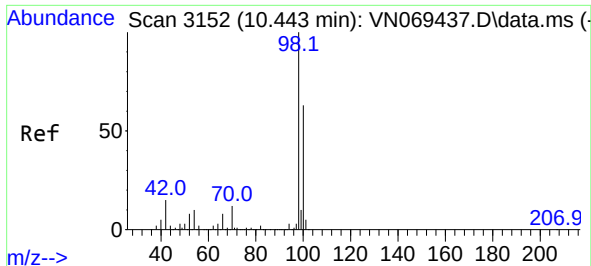
Tgt Ion:117 Resp: 770003
Ion Ratio Lower Upper
117 100
82 58.7 43.6 65.4
119 32.1 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 25.370 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

Tgt Ion: 95 Resp: 321439
Ion Ratio Lower Upper
95 100
174 77.3 62.9 94.3
176 73.3 61.0 91.4

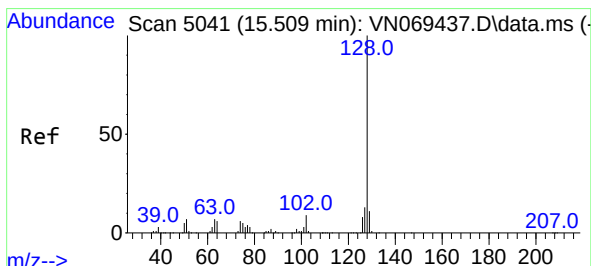
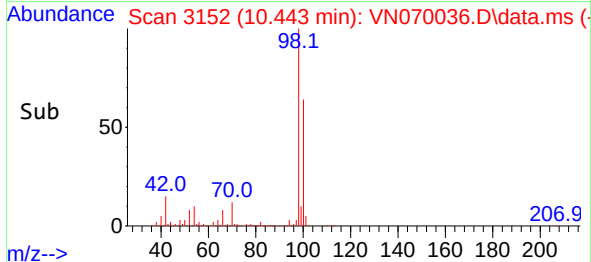
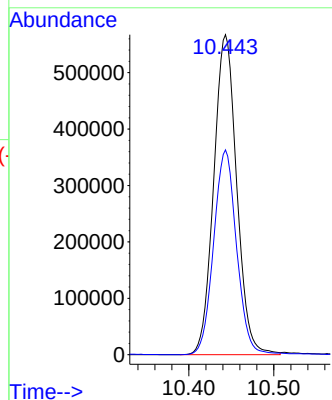
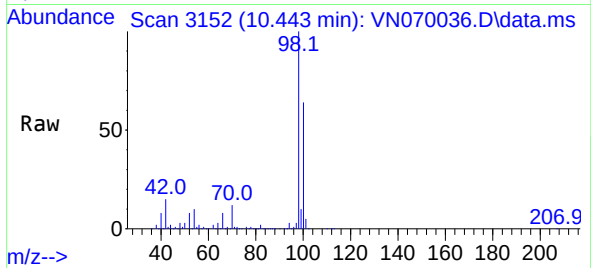




#63
Toluene-d8
Concen: 29.943 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

Tgt Ion: 98 Resp: 1065486
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0



#91
Naphthalene
Concen: 9.313 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070036.D
Acq: 13 Dec 2021 16:54

Tgt Ion:128 Resp: 39894
Ion Ratio Lower Upper
128 100
127 11.6 10.7 16.1
129 5.4 9.0 13.6#

