

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070037.D
 Acq On : 13 Dec 2021 17:20
 Operator : JC/MD
 Sample : M4986-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 14 05:27:57 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)

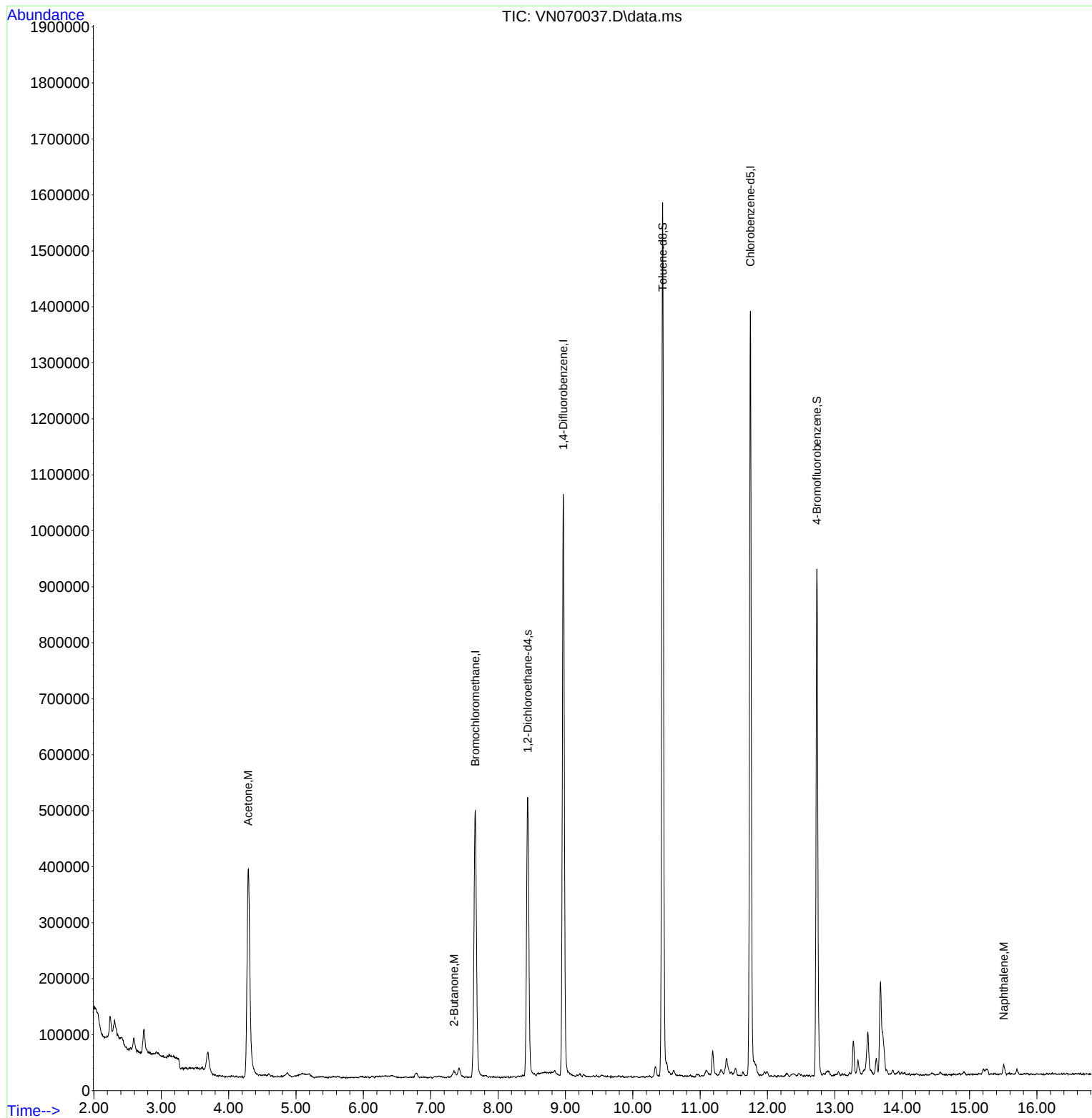
Internal Standards						
1) Bromochloromethane	7.662	128	161497	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	860864	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	762455	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	436387	30.491	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.734	95	315178	25.122	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.733%
63) Toluene-d8	10.443	98	1064370	30.208	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
					Qvalue	
15) Acetone	4.291	58	192400	80.918	ug/l	81
30) 2-Butanone	7.345	43	18079	1.773	ug/l	# 75
91) Naphthalene	15.507	128	14811	8.507	ug/l	# 90

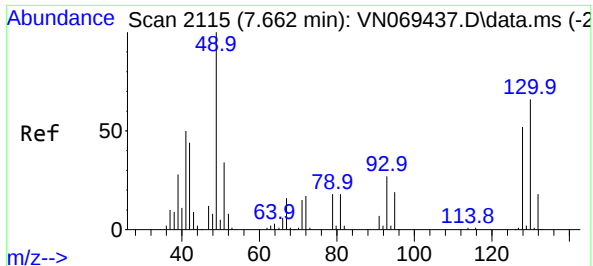
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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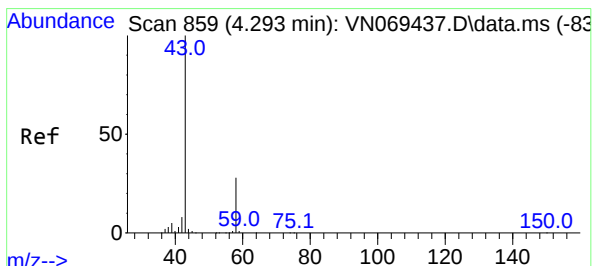
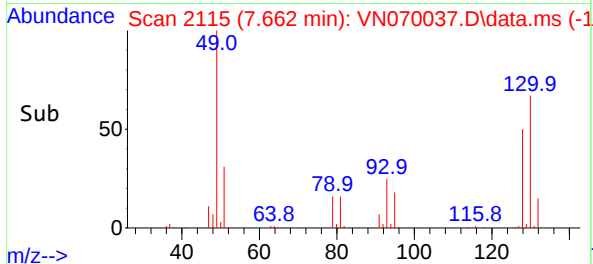
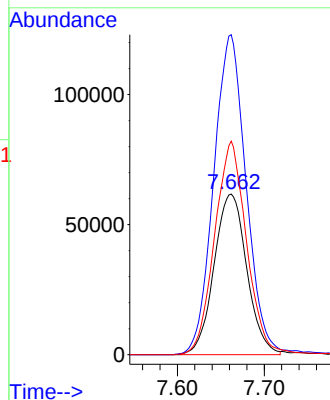
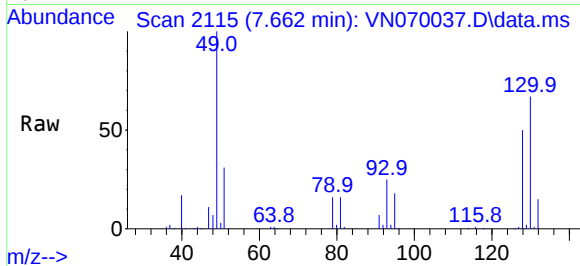




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.005 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

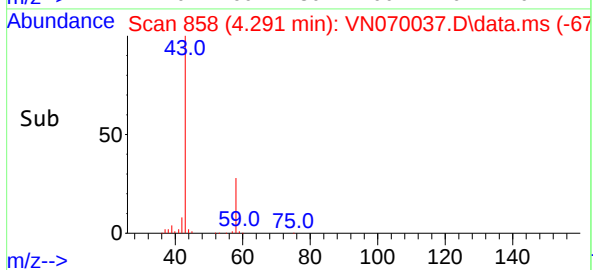
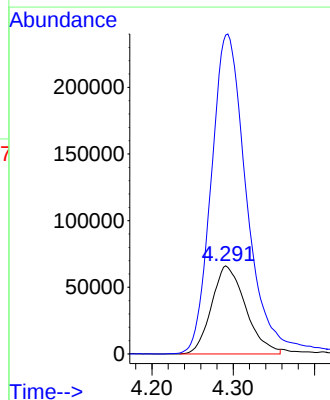
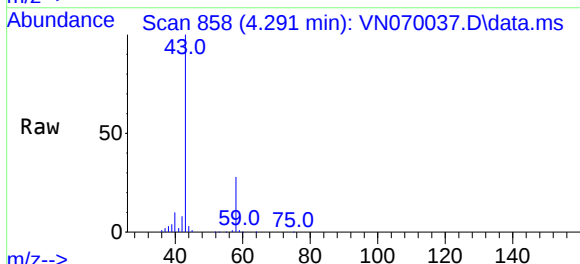
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

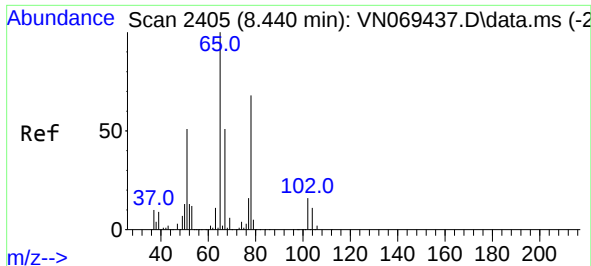
Tgt Ion:128 Resp: 161497
Ion Ratio Lower Upper
128 100
49 196.8 0.0 392.3
130 130.3 0.0 320.2



#15
Acetone
Concen: 80.918 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

Tgt Ion: 58 Resp: 192400
Ion Ratio Lower Upper
58 100
43 360.6 256.6 384.8

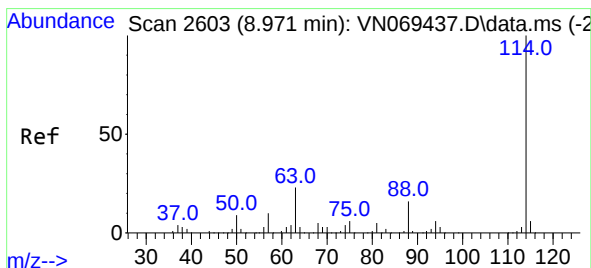
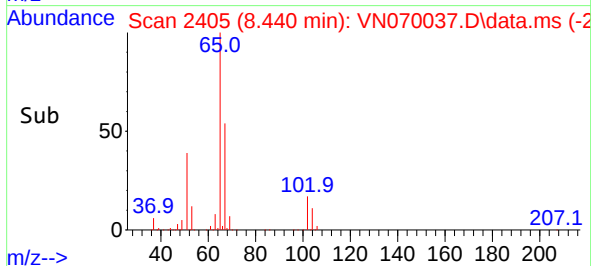
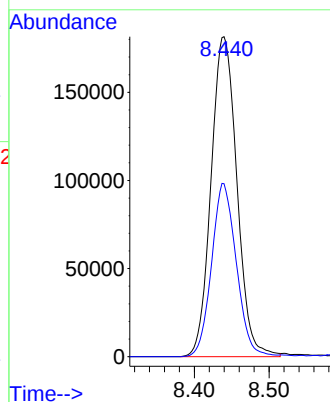
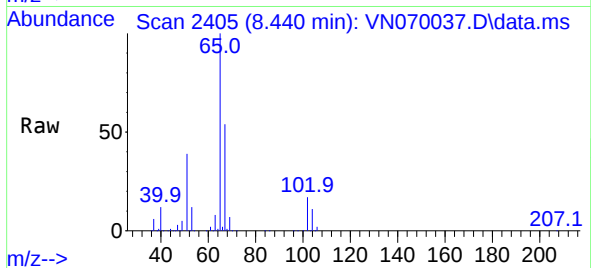




#27
1,2-Dichloroethane-d4
Concen: 30.491 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

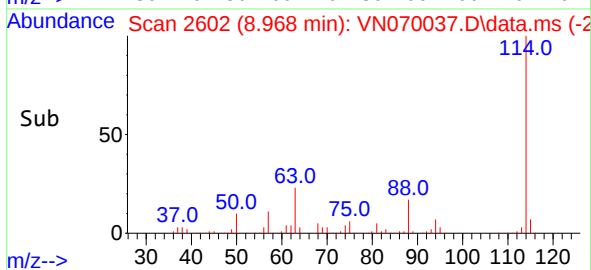
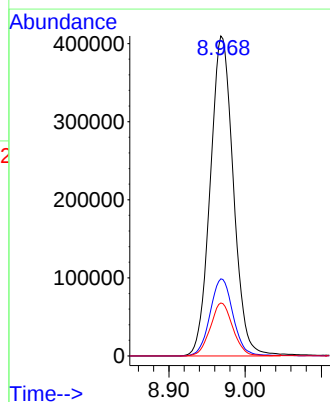
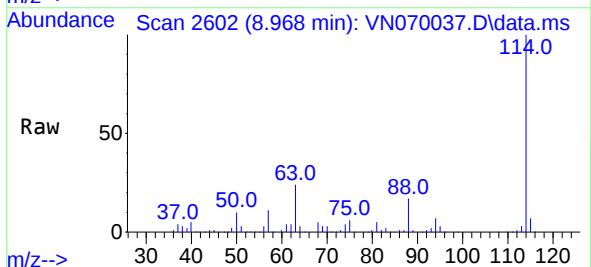
Instrument :
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ClientSampleId :
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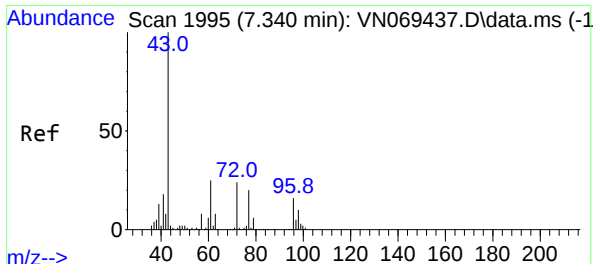
Tgt Ion: 65 Resp: 436387
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

Tgt Ion: 114 Resp: 860864
Ion Ratio Lower Upper
114 100
63 24.0 15.8 23.6#
88 16.2 11.6 17.4

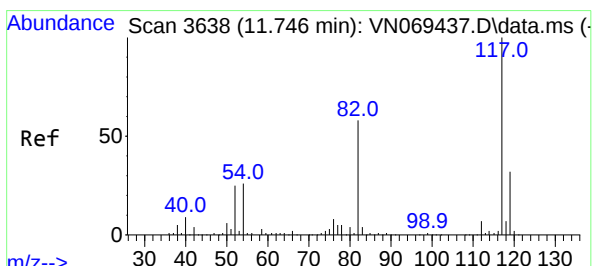
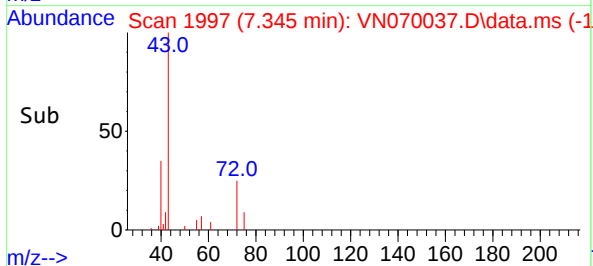
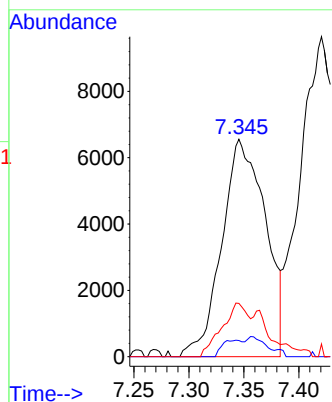
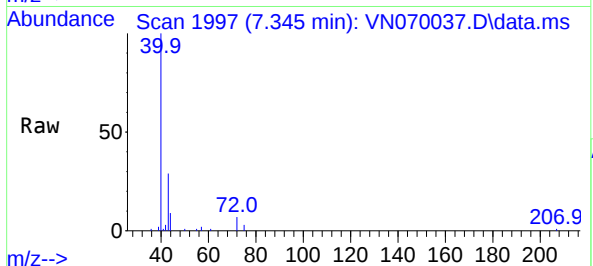




#30
2-Butanone
Concen: 1.773 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.011 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

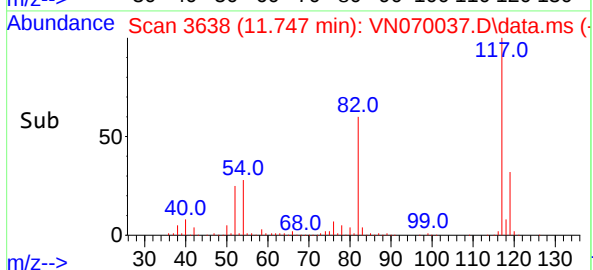
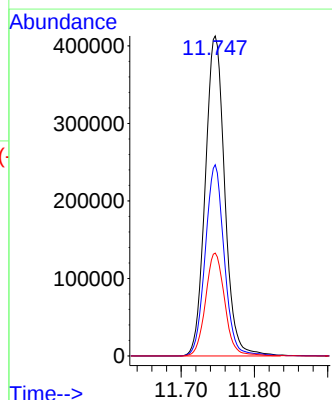
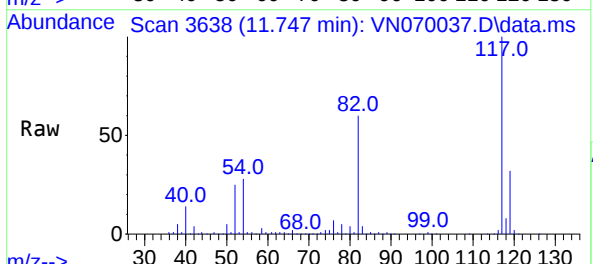
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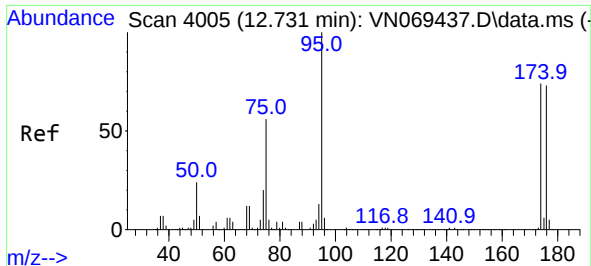
Tgt Ion: 43 Resp: 18079
Ion Ratio Lower Upper
43 100
57 1.7 6.7 10.1#
72 14.8 23.2 34.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

Tgt Ion: 117 Resp: 762455
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 31.8 25.8 38.6

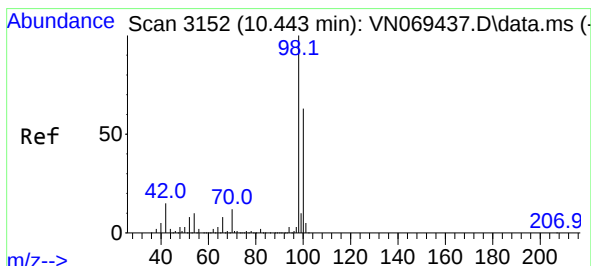
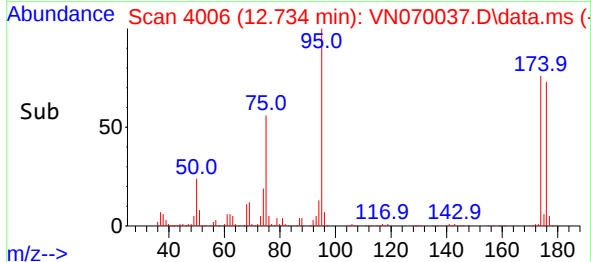
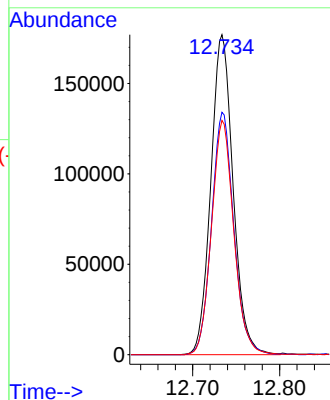
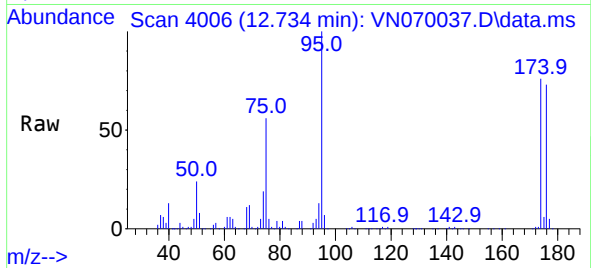




#60
4-Bromofluorobenzene
Concen: 25.122 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

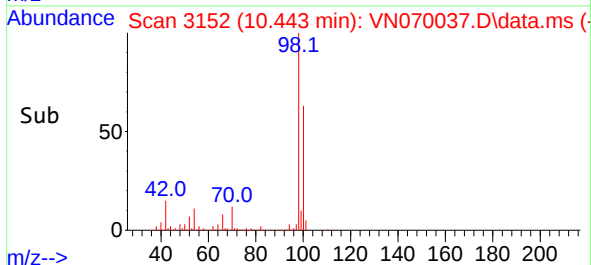
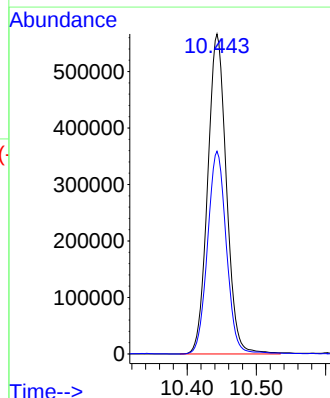
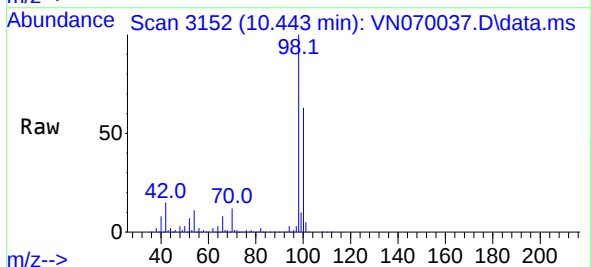
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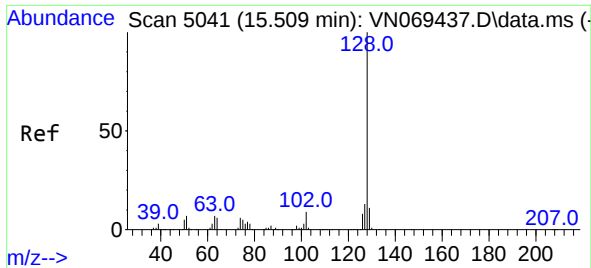
Tgt Ion: 95 Resp: 315178
Ion Ratio Lower Upper
95 100
174 75.6 62.9 94.3
176 73.3 61.0 91.4



#63
Toluene-d8
Concen: 30.208 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070037.D
Acq: 13 Dec 2021 17:20

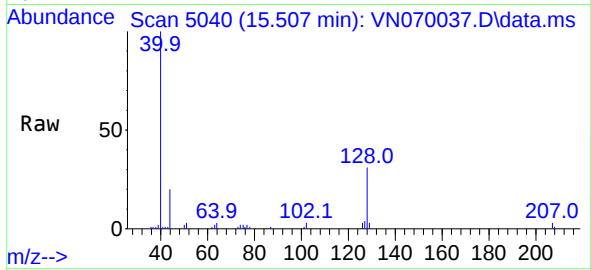
Tgt Ion: 98 Resp: 1064370
Ion Ratio Lower Upper
98 100
100 63.1 50.6 76.0





#91
Naphthalene
Concen: 8.507 ug/l
RT: 15.507 min Scan# 50
Delta R.T. 0.003 min
Lab File: VN070037.D
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Tgt Ion:	128	Resp:	14811
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.7	16.1
129	4.5	9.0	13.6

