

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072129.D
 Acq On : 21 Apr 2022 16:45
 Operator : JC\MD
 Sample : N2474-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMS-JET-GROUT-SPOILS-BRE

Quant Time: Apr 22 01:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

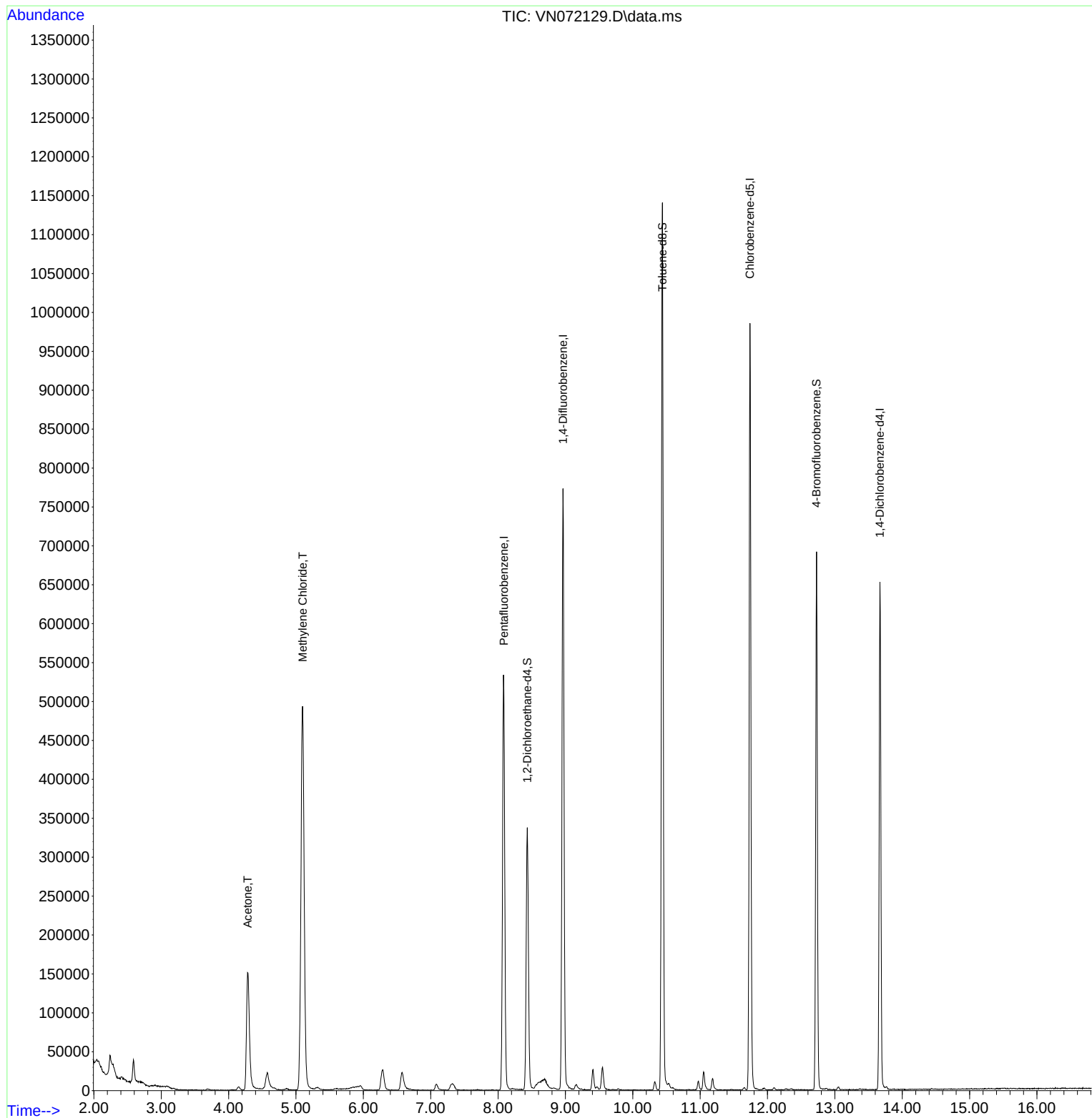
Internal Standards						
1) Pentafluorobenzene	8.086	168	454862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	727723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	627589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	201730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	278357	53.605	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.200%		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range 69 - 133	Recovery	= 0.000%#		
50) Toluene-d8	10.439	98	858475	49.006	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.020%		
62) 4-Bromofluorobenzene	12.727	95	248810	43.917	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 87.840%		
Target Compounds						Qvalue
16) Acetone	4.281	43	288125	129.832	ug/l	93
20) Methylene Chloride	5.098	84	453179	96.884	ug/l	94

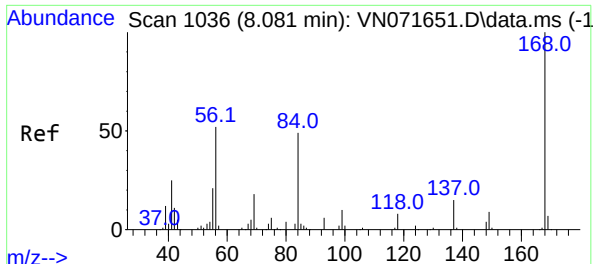
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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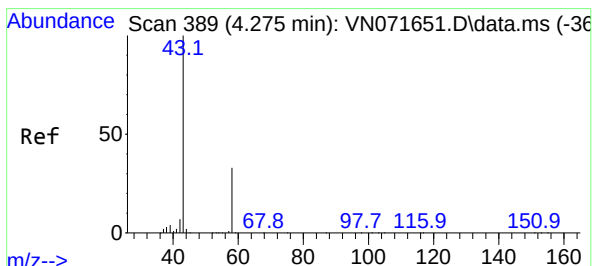
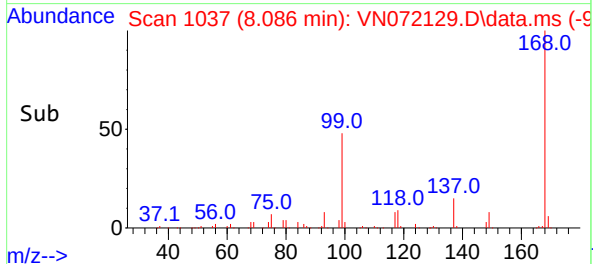
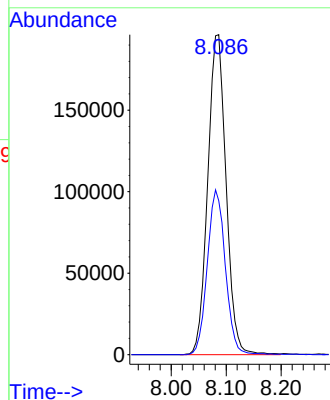
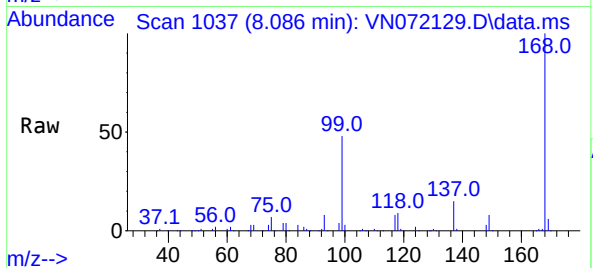




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

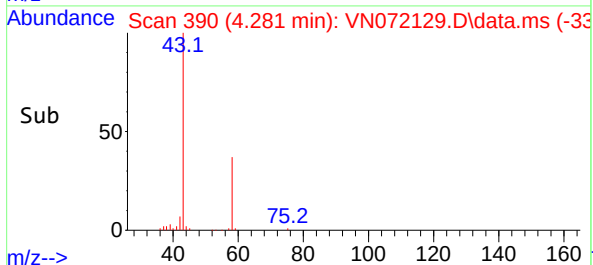
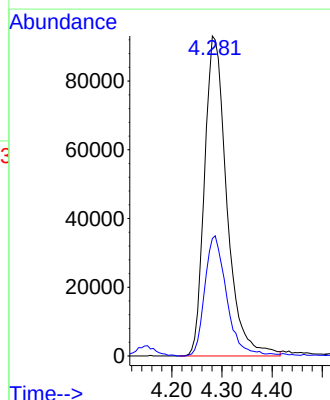
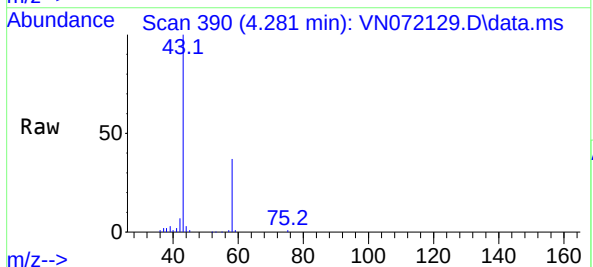
Instrument :
MSVOA_N
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TMS-JET-GROUT-SPOILS-BRE

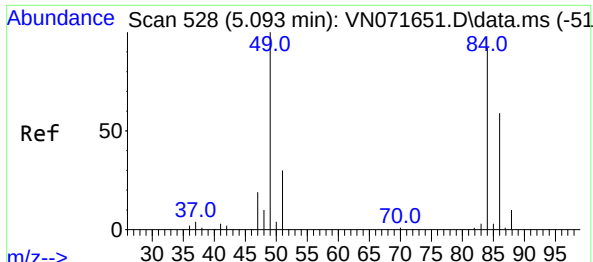
Tgt Ion:168 Resp: 454862
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#16
Acetone
Concen: 129.832 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

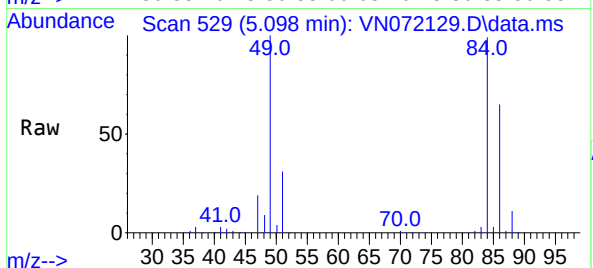
Tgt Ion: 43 Resp: 288125
Ion Ratio Lower Upper
43 100
58 36.7 26.0 39.0



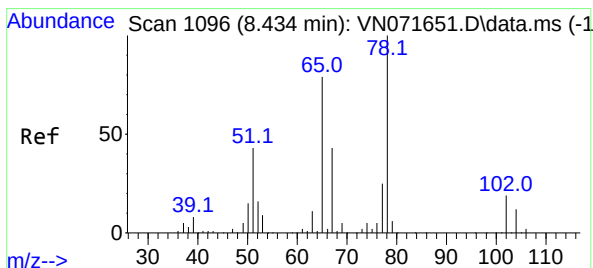
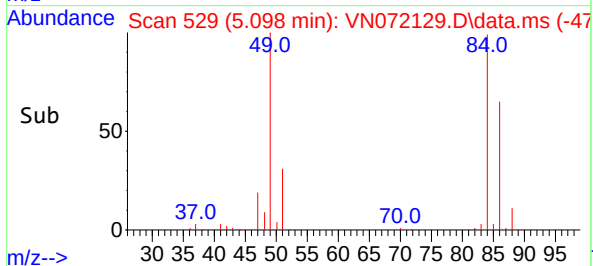
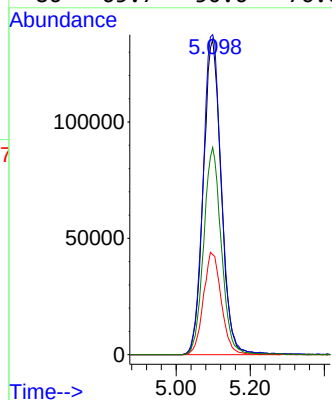


#20
Methylene Chloride
Concen: 96.884 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

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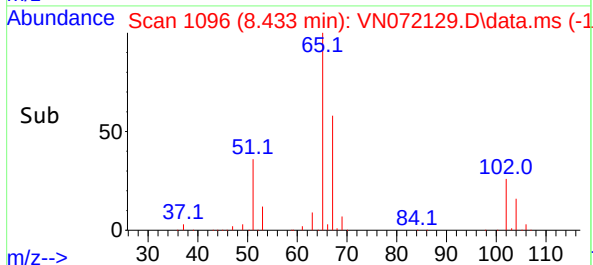
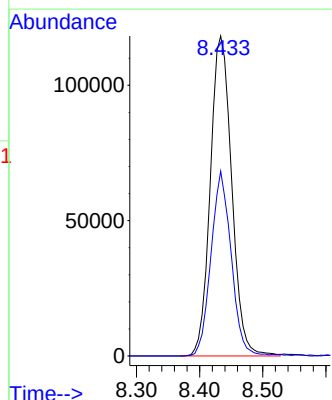
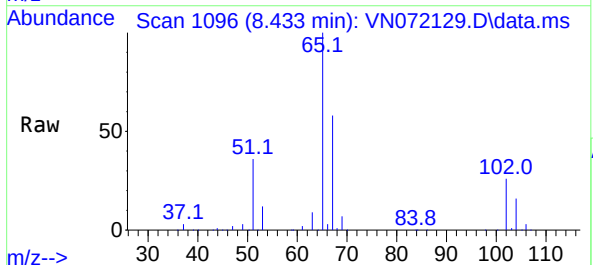


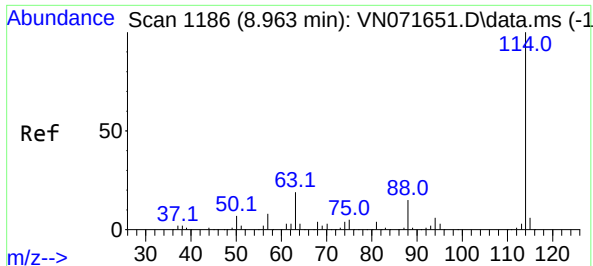
Tgt Ion: 84 Resp: 453179
Ion Ratio Lower Upper
84 100
49 101.5 88.3 132.5
51 31.8 28.2 42.2
86 65.7 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.605 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

Tgt Ion: 65 Resp: 278357
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8

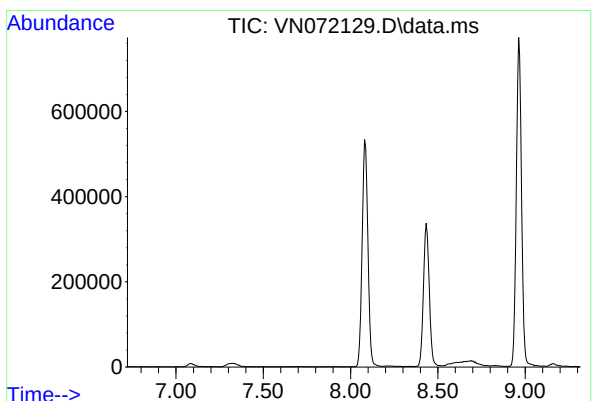
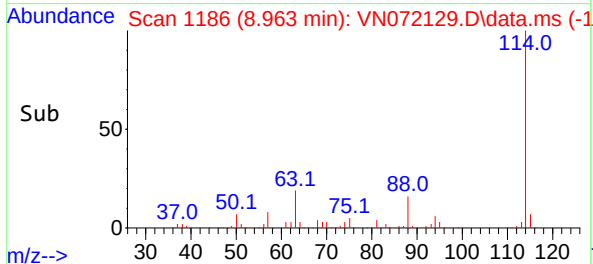
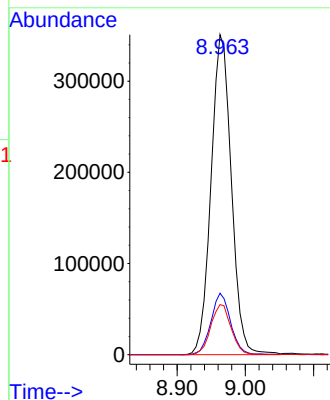
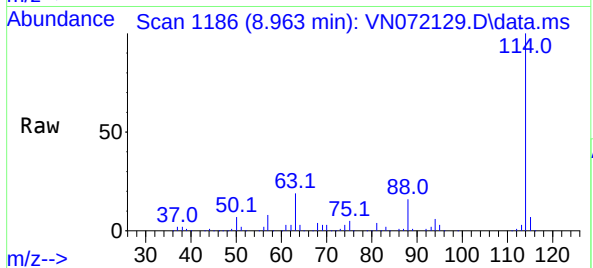




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

Instrument :
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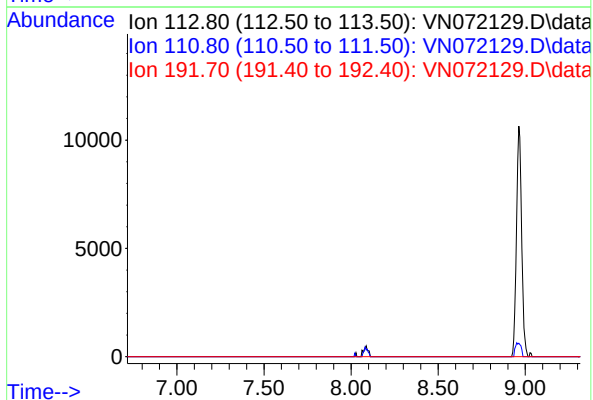
Tgt Ion:114 Resp: 727723
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.6 0.0 32.6

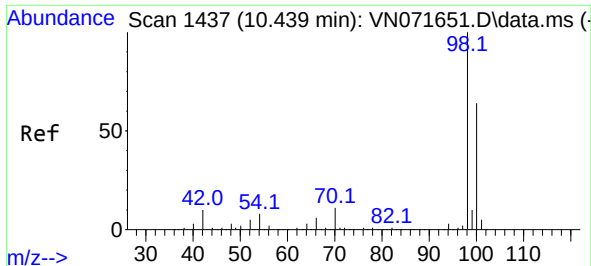


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.02 min

Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.7
192 21.3

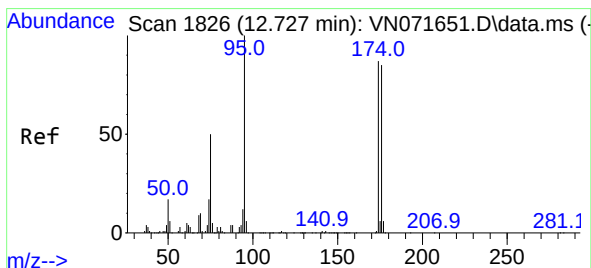
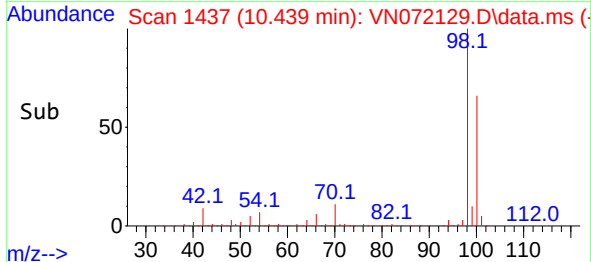
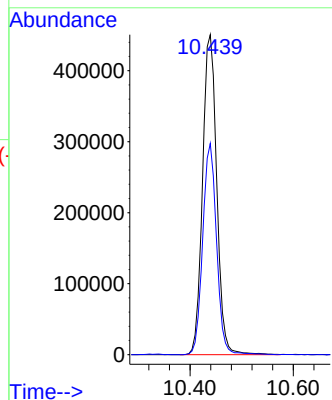
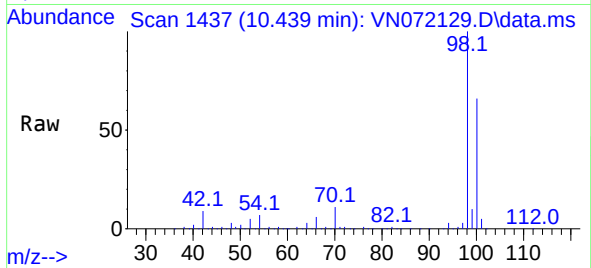




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

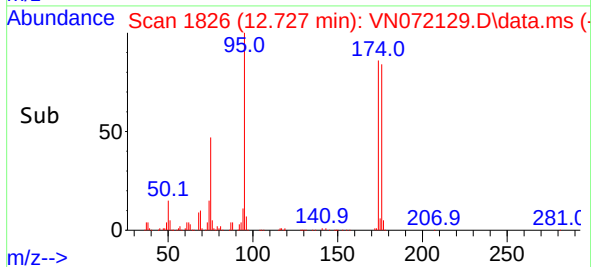
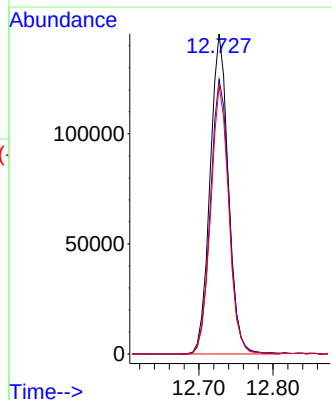
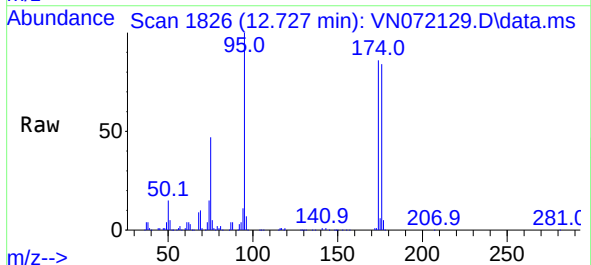
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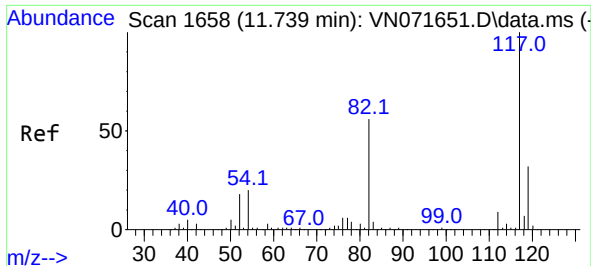
Tgt Ion: 98 Resp: 858475
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.917 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

Tgt Ion: 95 Resp: 248810
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 83.0 0.0 163.4

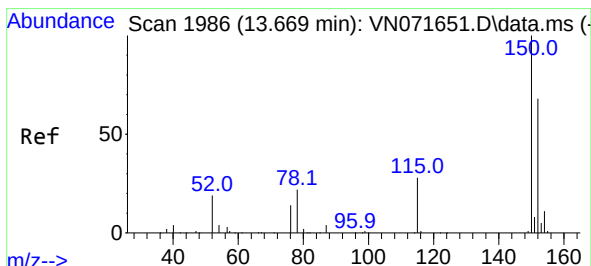
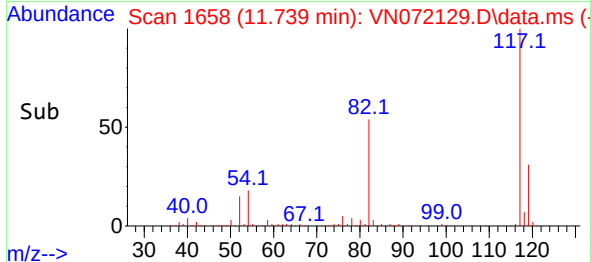
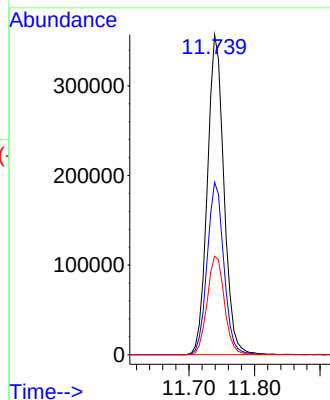
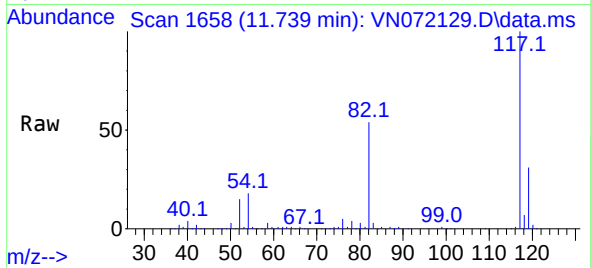




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

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Tgt Ion:117 Resp: 627589
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072129.D
Acq: 21 Apr 2022 16:45

Tgt Ion:152 Resp: 201730
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 157.9 0.0 356.2

