

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074111.D
 Acq On : 25 Aug 2022 13:55
 Operator : JC\MD
 Sample : N4244-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105S

Quant Time: Aug 26 01:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

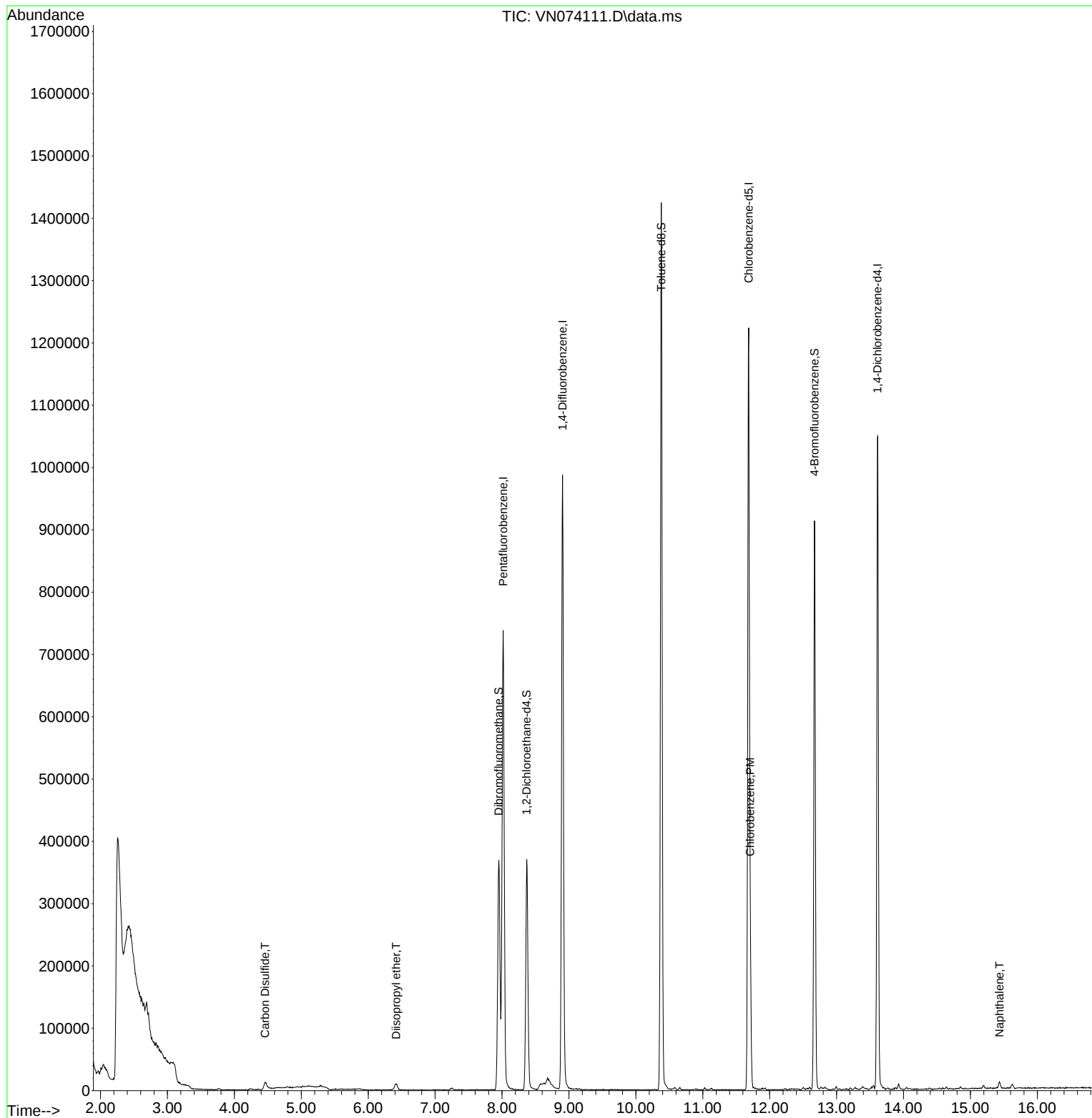
Internal Standards						
1) Pentafluorobenzene	8.016	168	604495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	916772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	749652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	307733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306502	52.058	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.120%	
35) Dibromofluoromethane	7.951	113	277916	51.260	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.520%	
50) Toluene-d8	10.381	98	1015785	48.376	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.760%	
62) 4-Bromofluorobenzene	12.669	95	305748	43.874	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	87.740%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.457	76	29016	2.558	ug/l	99
22) Diisopropyl ether	6.416	45	12366	0.825	ug/l #	89
65) Chlorobenzene	11.710	112	113777	7.141	ug/l	98
95) Naphthalene	15.433	128	12007	0.557	ug/l	99

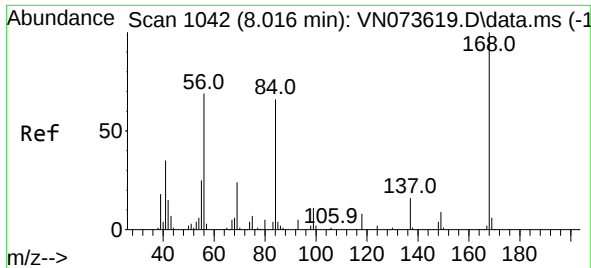
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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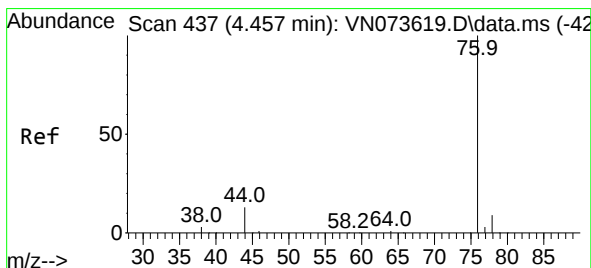
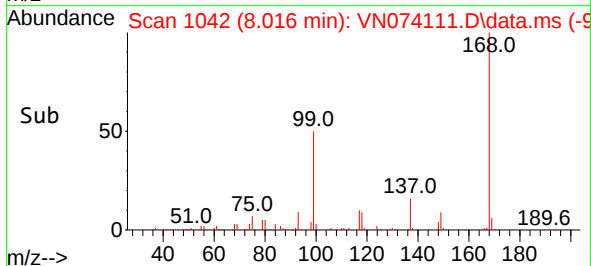
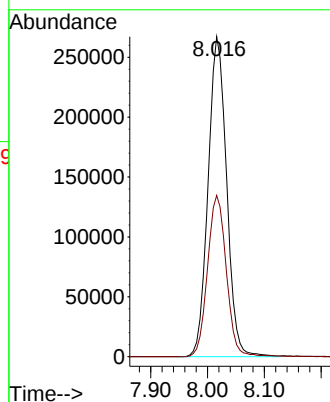
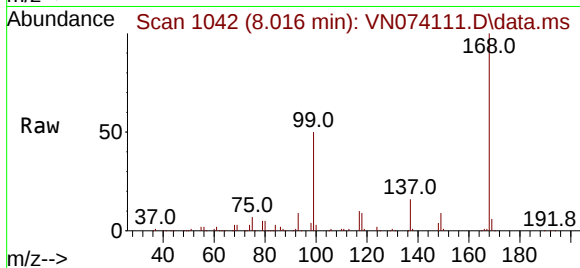




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

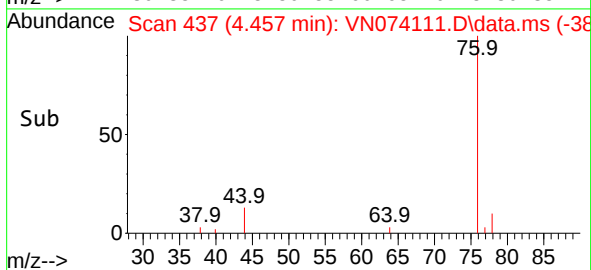
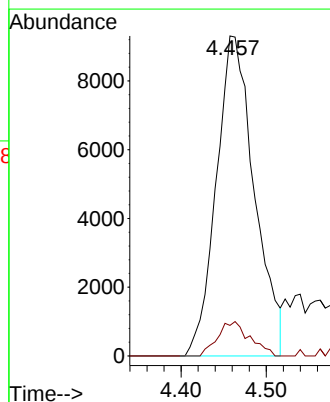
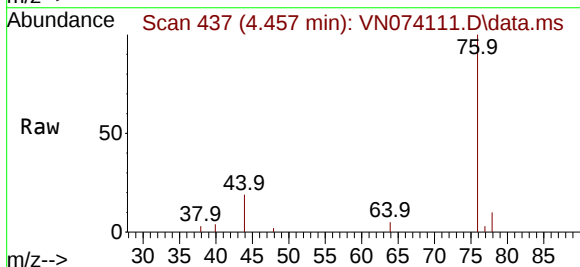
Instrument :
MSVOA_N
ClientSampleId :
MW-105S

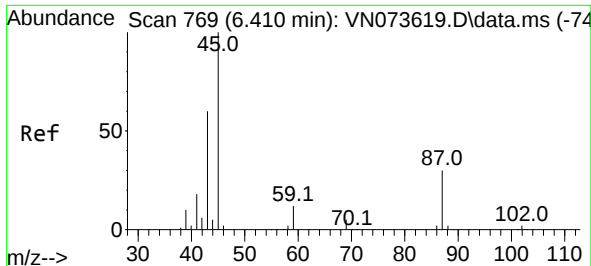
Tgt Ion:168 Resp: 604495
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#17
Carbon Disulfide
Concen: 2.558 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

Tgt Ion: 76 Resp: 29016
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

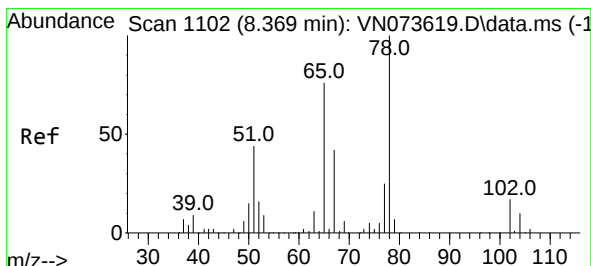
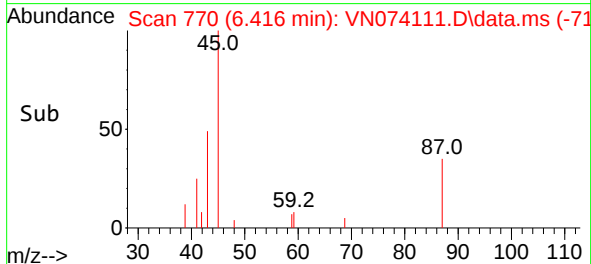
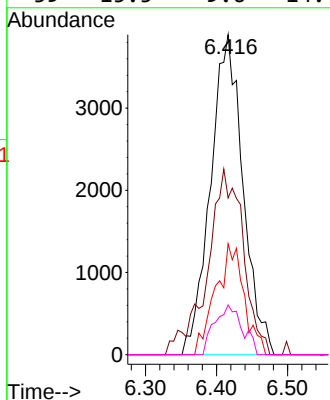
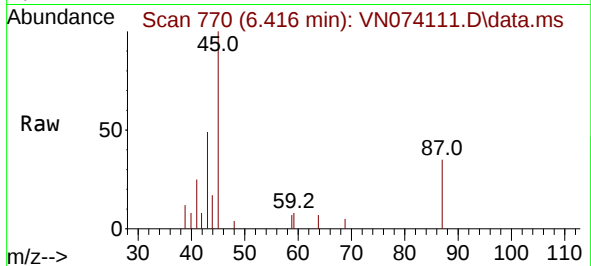




#22
Diisopropyl ether
Concen: 0.825 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

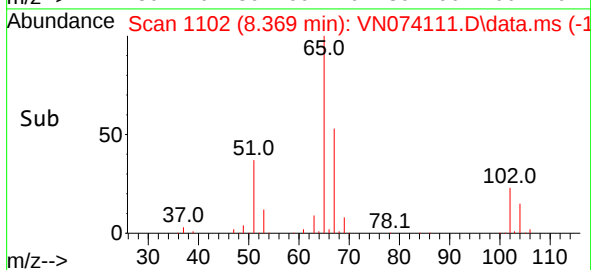
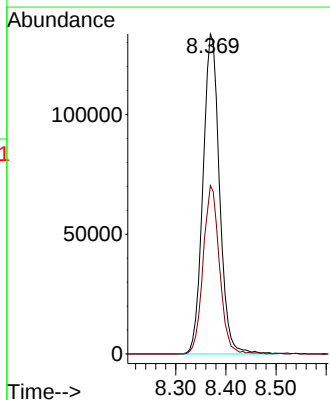
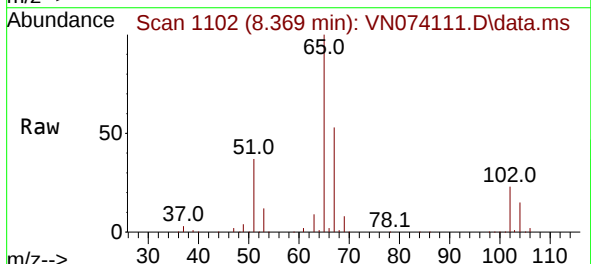
Instrument :
MSVOA_N
ClientSampleId :
MW-105S

Tgt Ion: 45	Resp: 12366
Ion Ratio	Lower Upper
45 100	
43 49.0	46.6 70.0
87 34.6	24.3 36.5
59 15.5	9.6 14.4



#33
1,2-Dichloroethane-d4
Concen: 52.058 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

Tgt Ion: 65	Resp: 306502
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074111.D

Acq: 25 Aug 2022 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW-105S

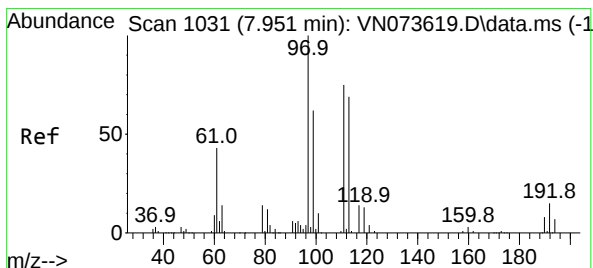
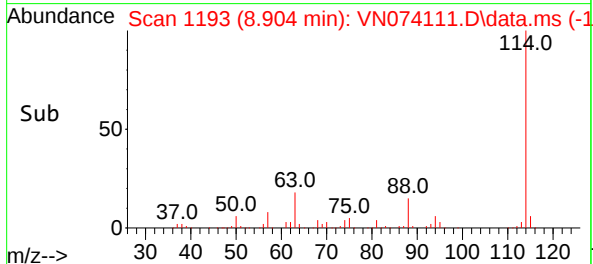
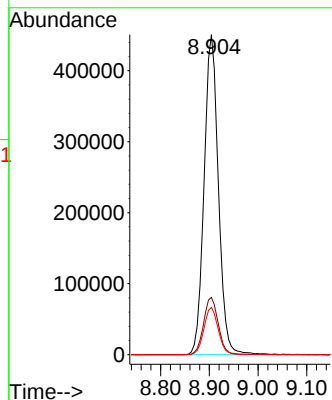
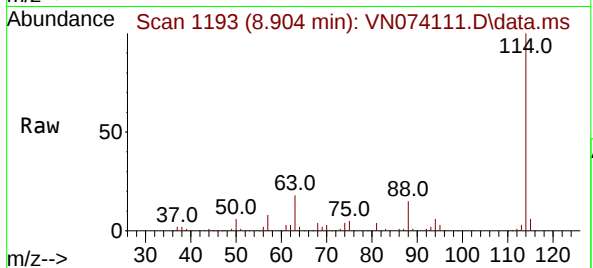
Tgt Ion:114 Resp: 916772

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.260 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074111.D

Acq: 25 Aug 2022 13:55

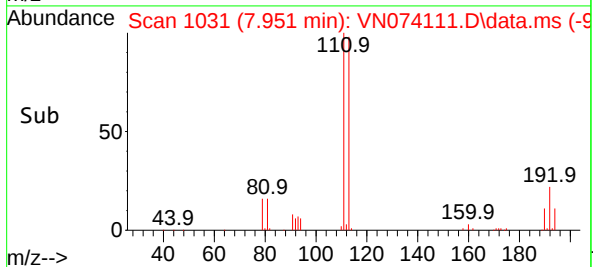
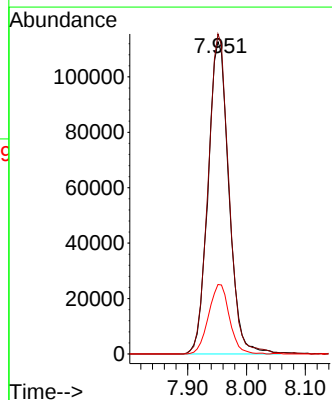
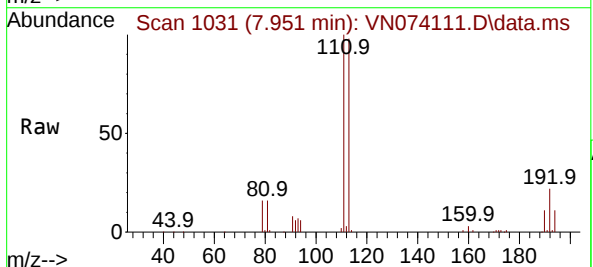
Tgt Ion:113 Resp: 277916

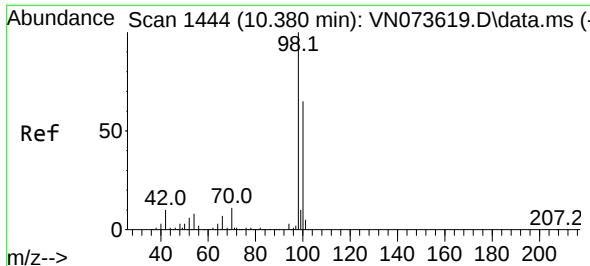
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 22.3 17.0 25.6

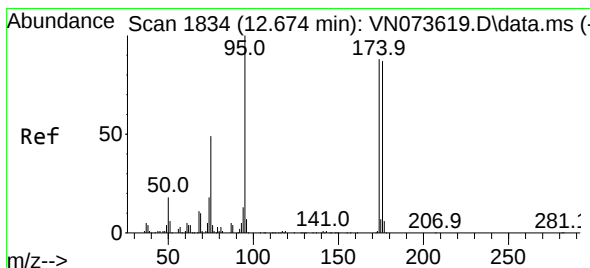
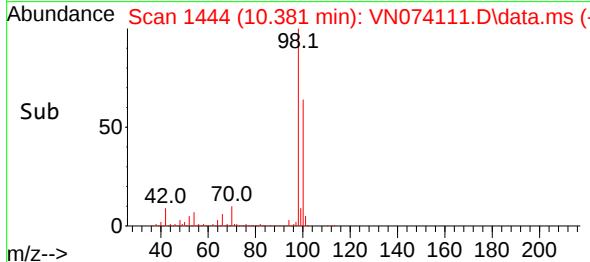
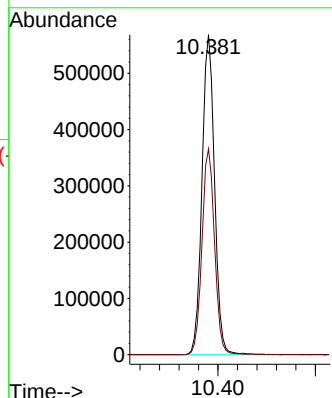
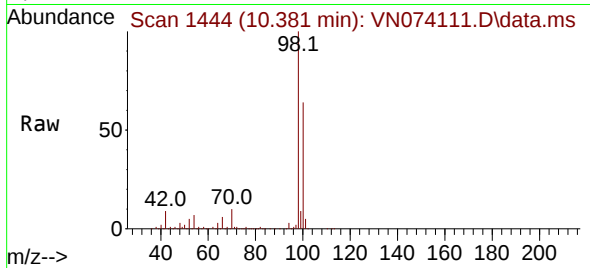




#50
Toluene-d8
Concen: 48.376 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

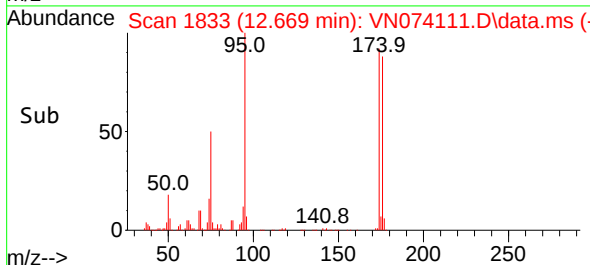
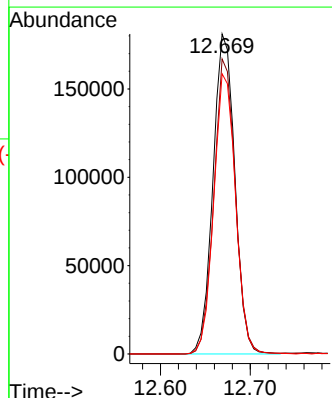
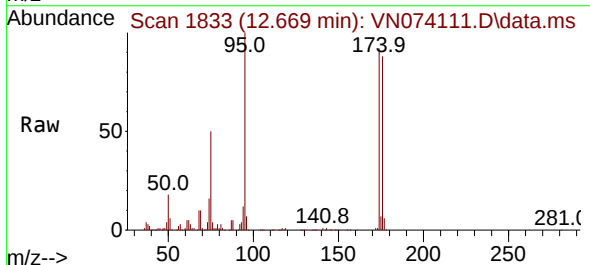
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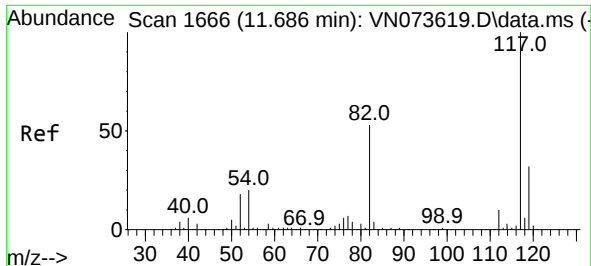
Tgt Ion: 98 Resp: 1015785
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.874 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

Tgt Ion: 95 Resp: 305748
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.4 0.0 163.4

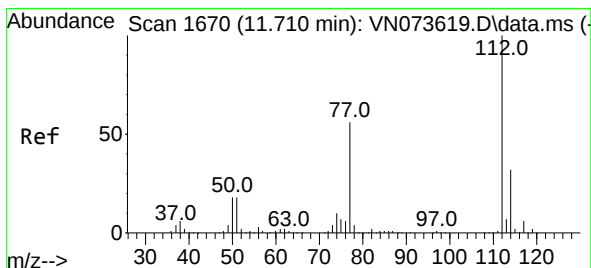
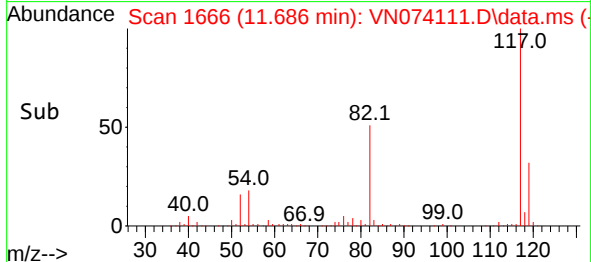
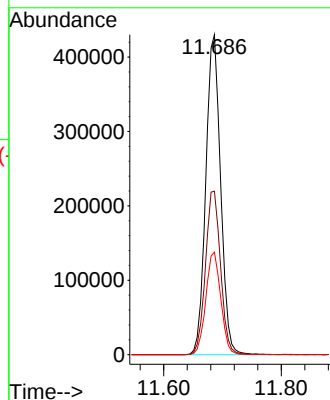
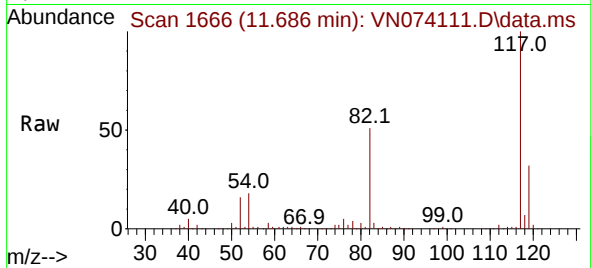




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

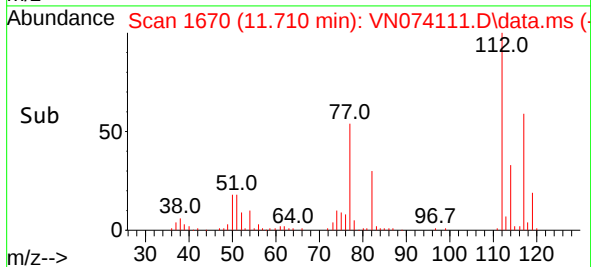
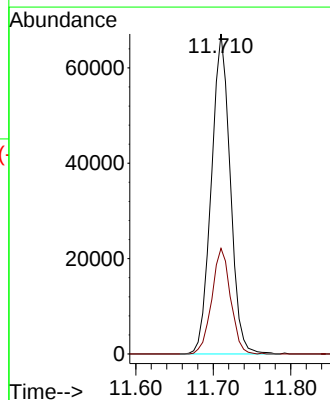
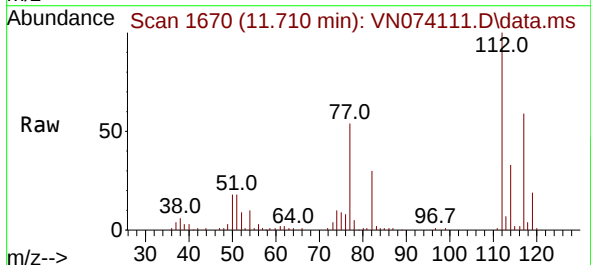
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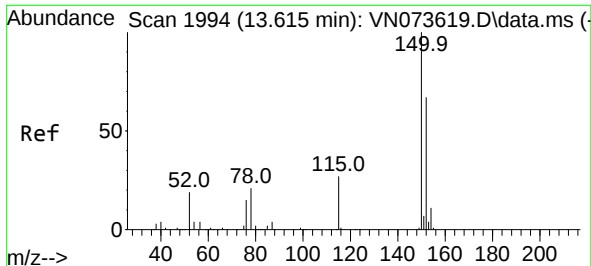
Tgt Ion:117 Resp: 749652
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 32.0 25.4 38.0



#65
Chlorobenzene
Concen: 7.141 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074111.D
Acq: 25 Aug 2022 13:55

Tgt Ion:112 Resp: 113777
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

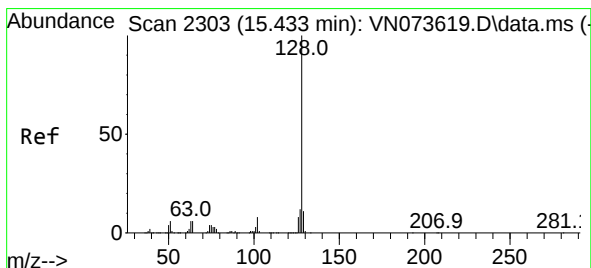
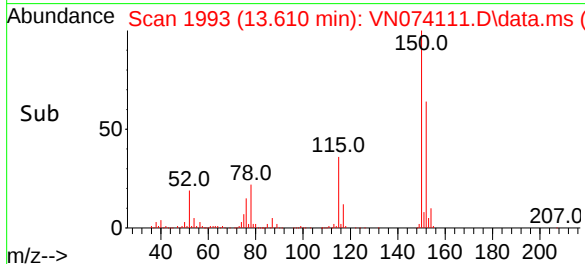
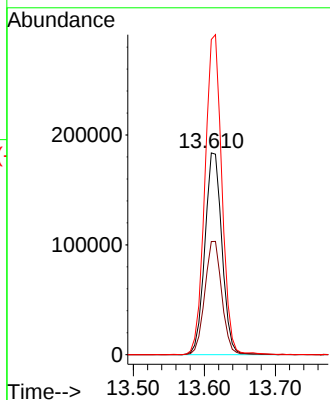
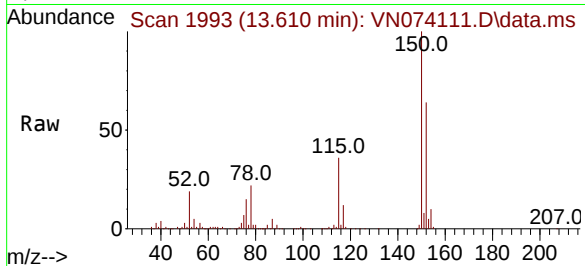




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.005 min
 Lab File: VN074111.D
 Acq: 25 Aug 2022 13:55

Instrument :
 MSVOA_N
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 MW-105S

Tgt Ion:152 Resp: 307733
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.9 86.7
 150 157.2 0.0 356.2



#95
 Naphthalene
 Concen: 0.557 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN074111.D
 Acq: 25 Aug 2022 13:55

Tgt Ion:128 Resp: 12007
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 10.1 8.6 13.0

