

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074113.D
 Acq On : 25 Aug 2022 14:45
 Operator : JC\MD
 Sample : N4244-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

Quant Time: Aug 26 02:00:46 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)

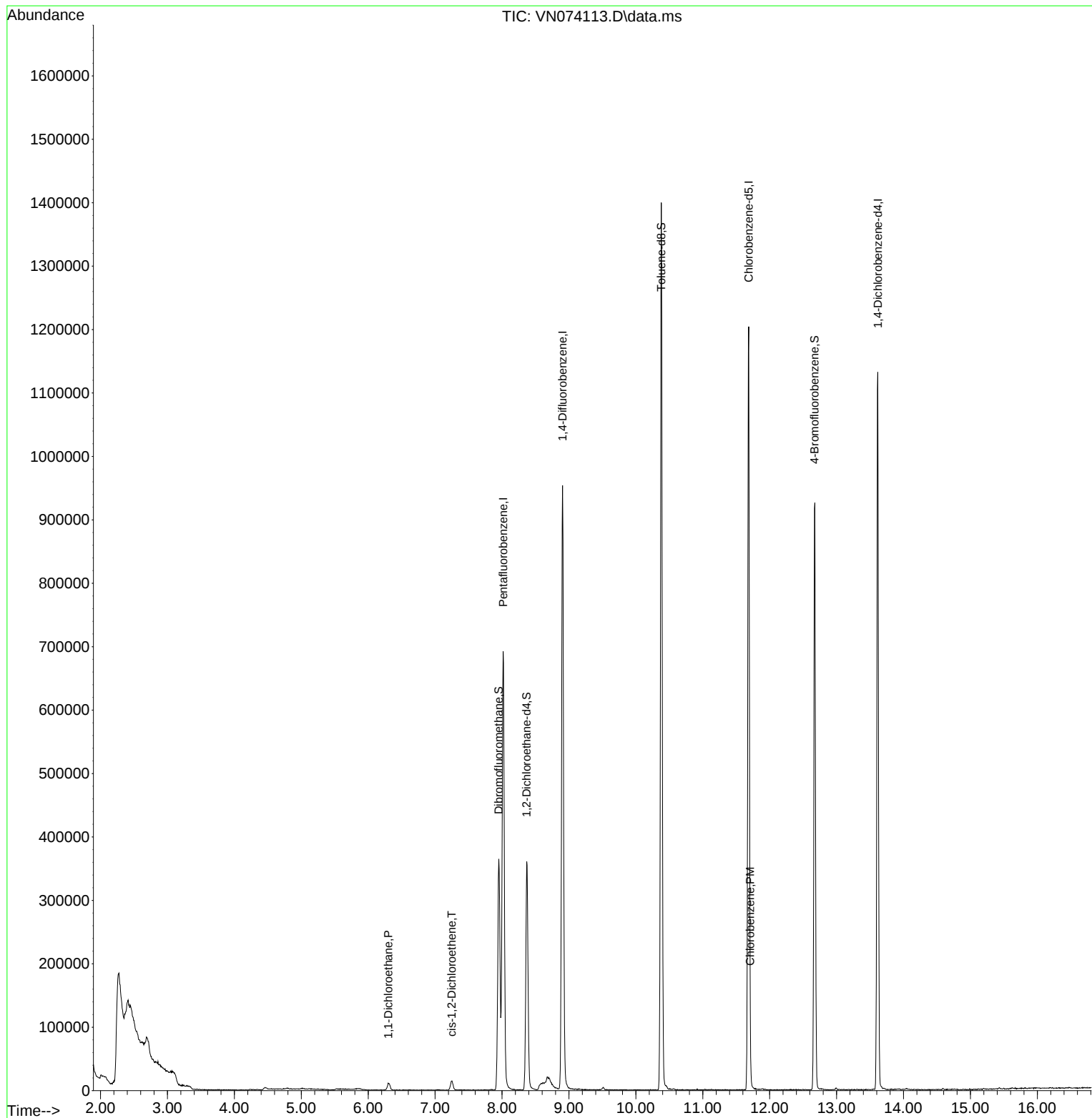
Internal Standards						
1) Pentafluorobenzene	8.016	168	584975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	886069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	745563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	330123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	302676	53.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.240%
35) Dibromofluoromethane	7.951	113	270846	51.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	10.381	98	984692	48.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.669	95	308523	45.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
						Qvalue
24) 1,1-Dichloroethane	6.298	63	15679	1.737	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	8468	1.349	ug/l	86
65) Chlorobenzene	11.710	112	5975	0.377	ug/l	90

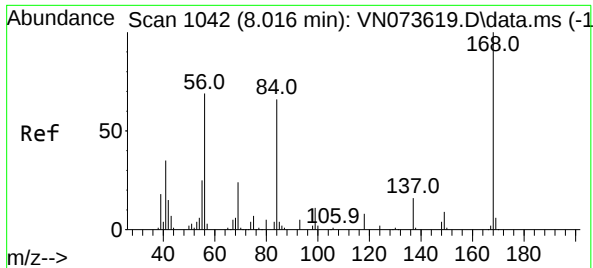
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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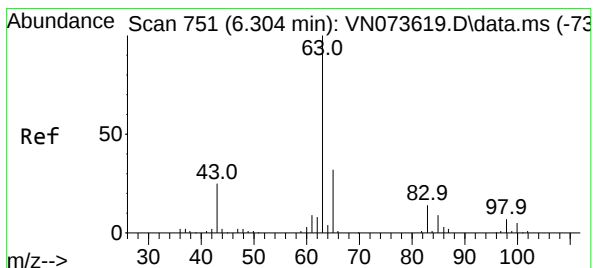
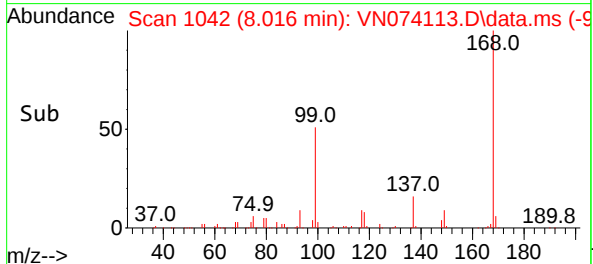
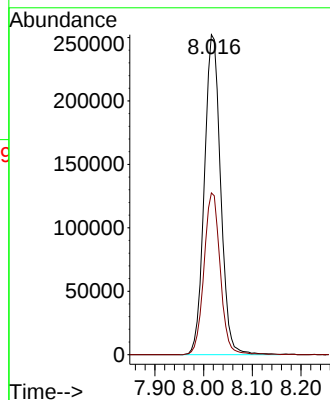
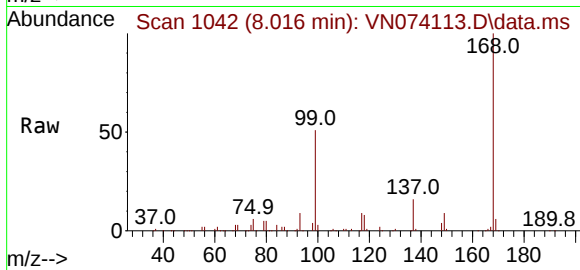




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

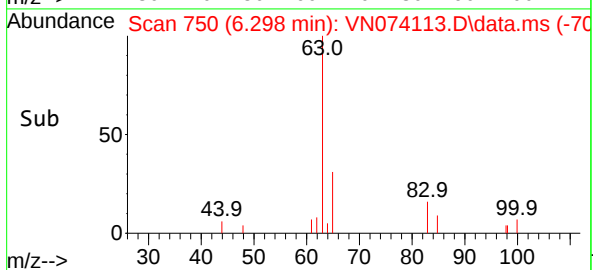
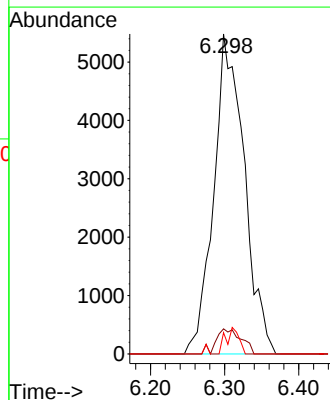
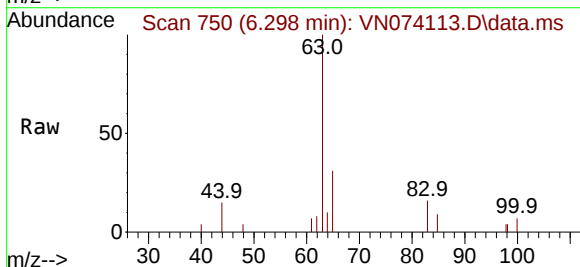
Instrument :
MSVOA_N
ClientSampleId :
MW-103I

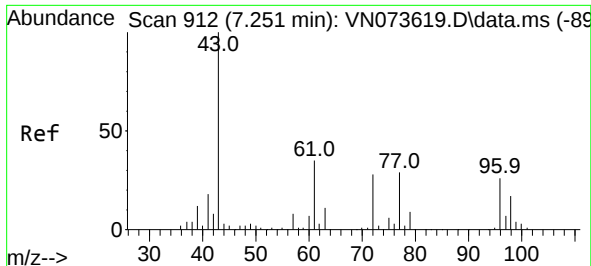
Tgt Ion:168 Resp: 584975
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#24
1,1-Dichloroethane
Concen: 1.737 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.006 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

Tgt Ion: 63 Resp: 15679
Ion Ratio Lower Upper
63 100
98 7.9 3.5 10.4
100 6.6 2.3 6.8





#27

cis-1,2-Dichloroethene

Concen: 1.349 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074113.D

Acq: 25 Aug 2022 14:45

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

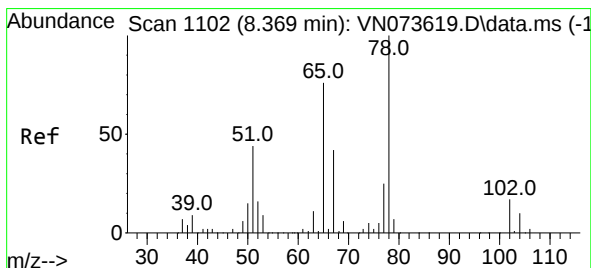
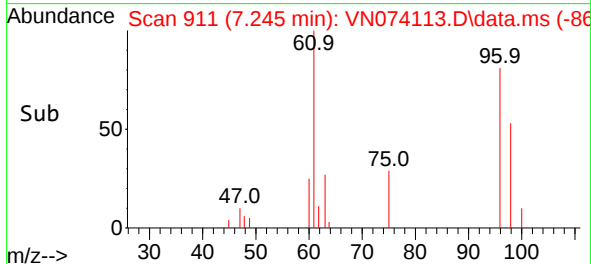
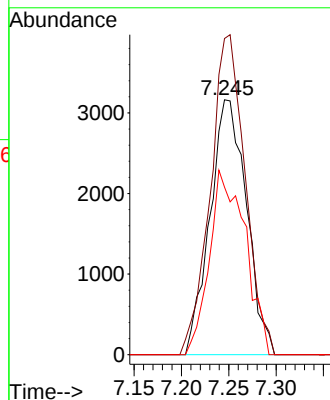
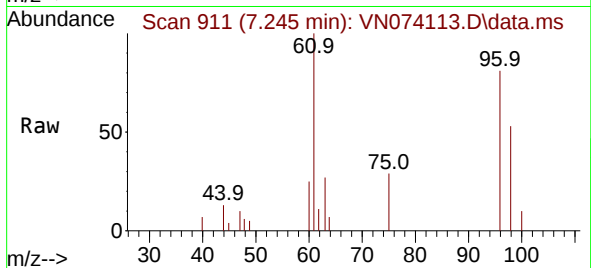
Tgt Ion: 96 Resp: 8468

Ion Ratio Lower Upper

96 100

61 119.7 0.0 280.6

98 71.1 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 53.123 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074113.D

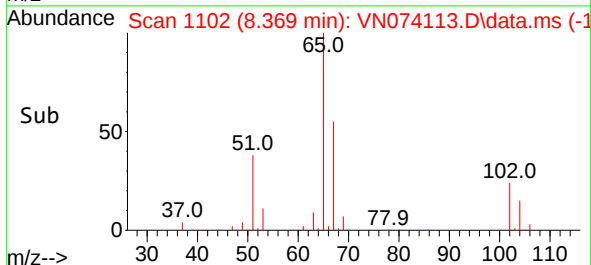
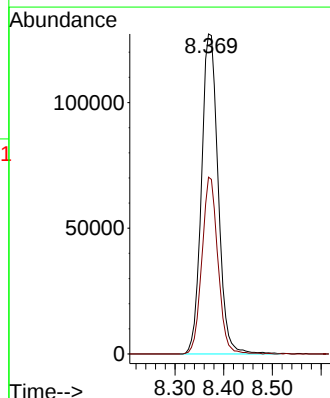
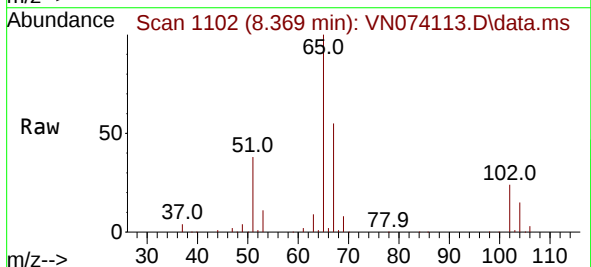
Acq: 25 Aug 2022 14:45

Tgt Ion: 65 Resp: 302676

Ion Ratio Lower Upper

65 100

67 53.0 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: VN074113.D

Acq: 25 Aug 2022 14:45

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

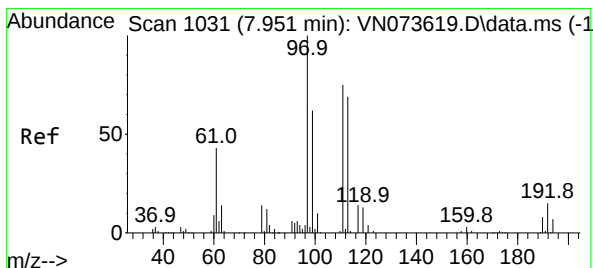
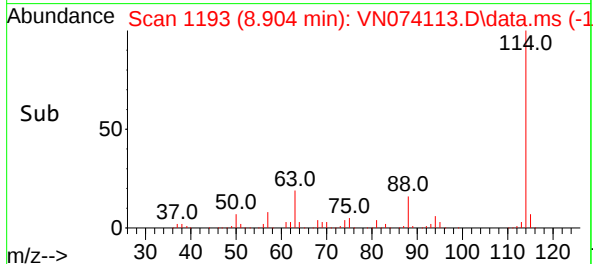
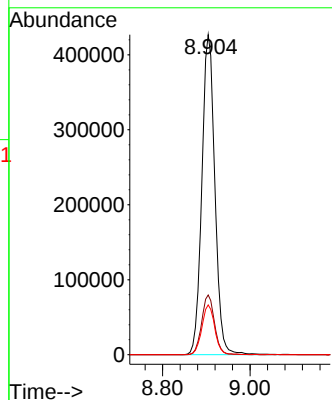
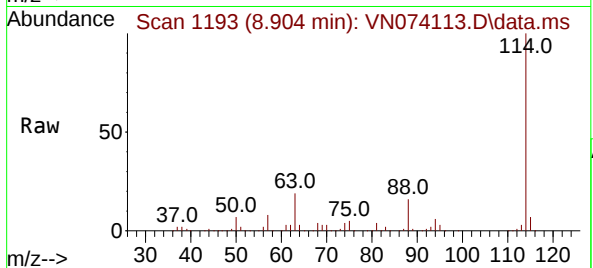
Tgt Ion:114 Resp: 886069

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.687 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074113.D

Acq: 25 Aug 2022 14:45

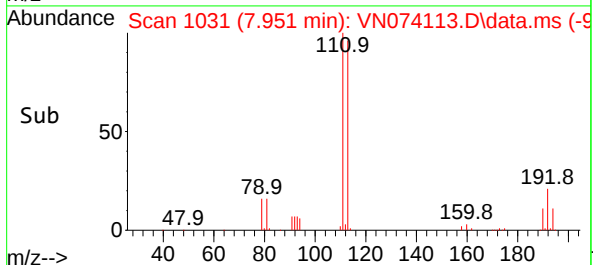
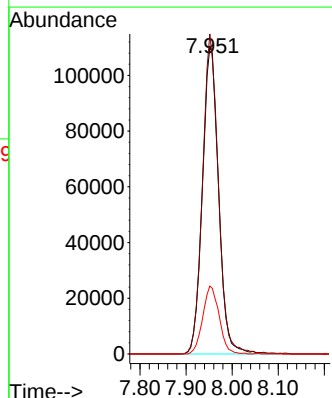
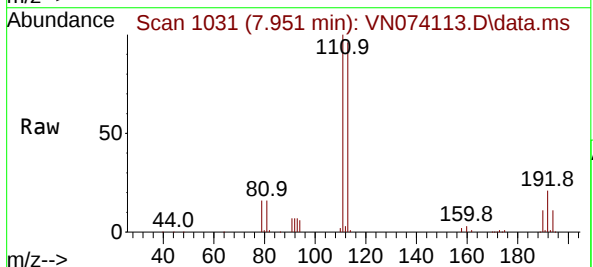
Tgt Ion:113 Resp: 270846

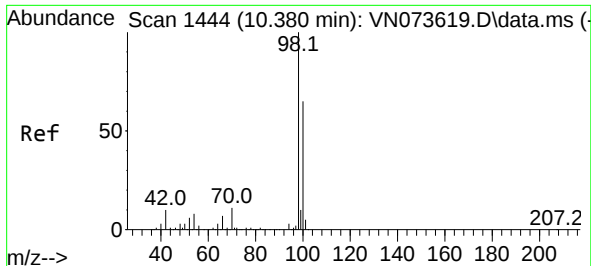
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 22.3 17.0 25.6

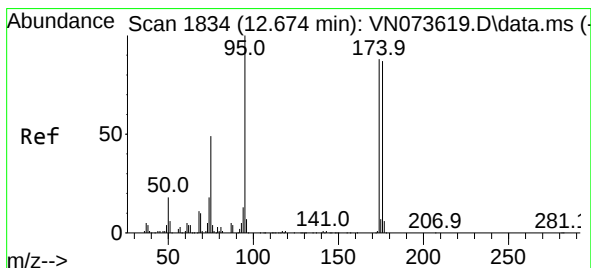
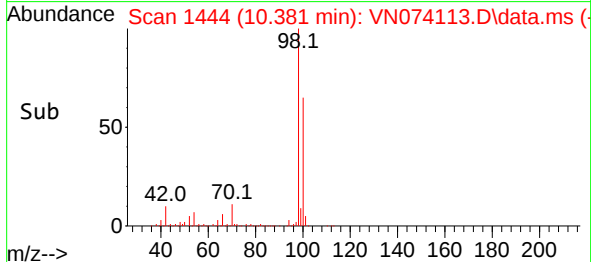
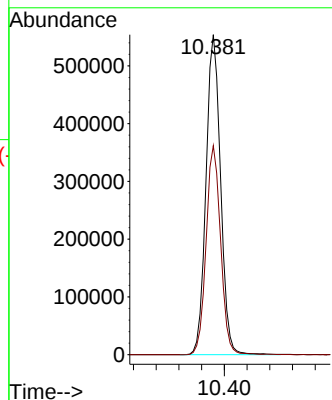
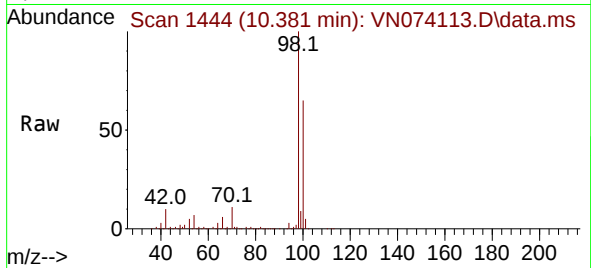




#50
Toluene-d8
Concen: 48.520 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

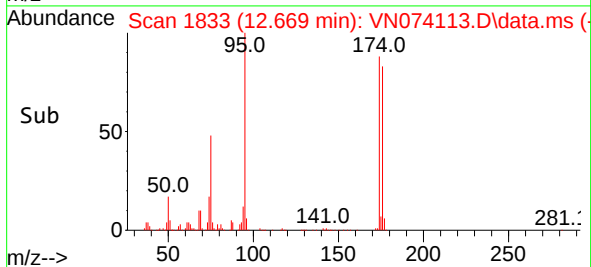
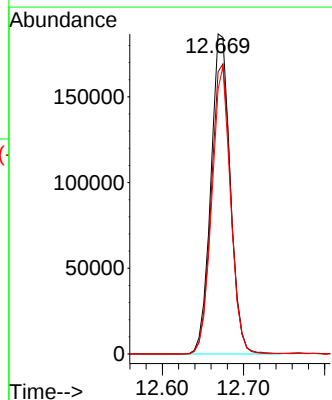
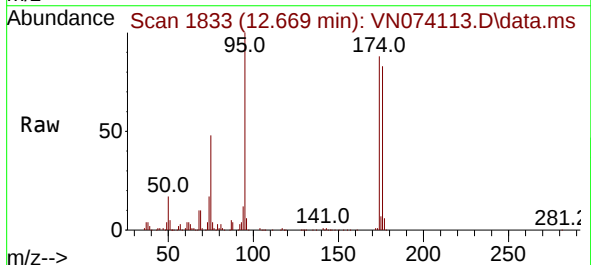
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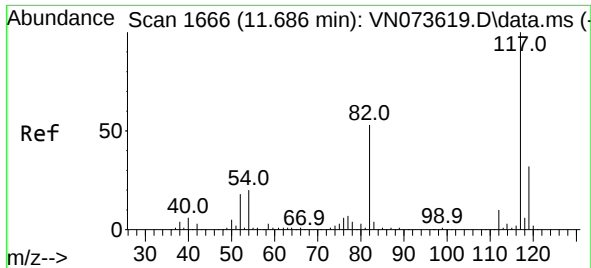
Tgt Ion: 98 Resp: 984692
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.806 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

Tgt Ion: 95 Resp: 308523
Ion Ratio Lower Upper
95 100
174 92.3 0.0 167.6
176 86.9 0.0 163.4

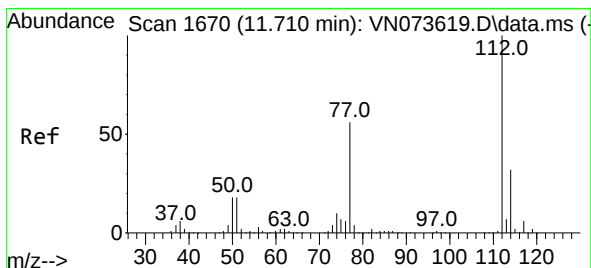
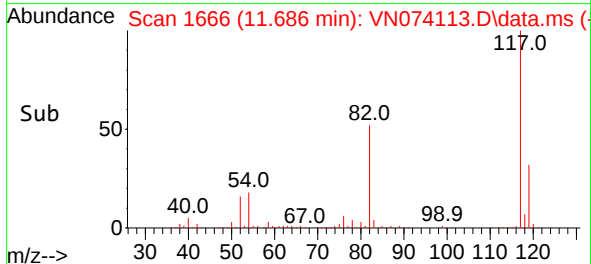
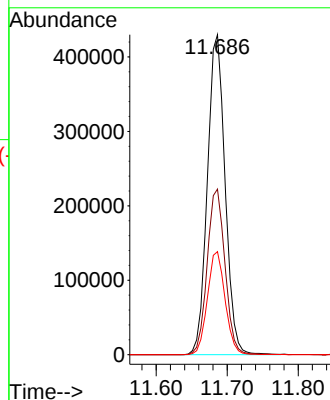
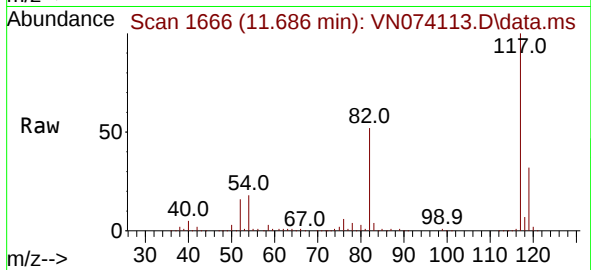




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

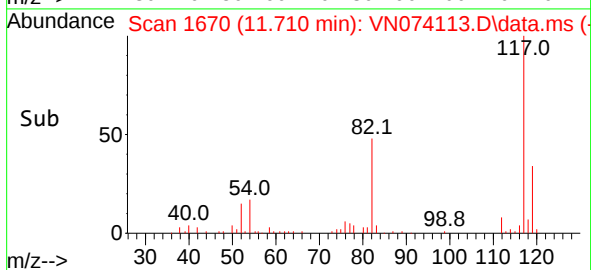
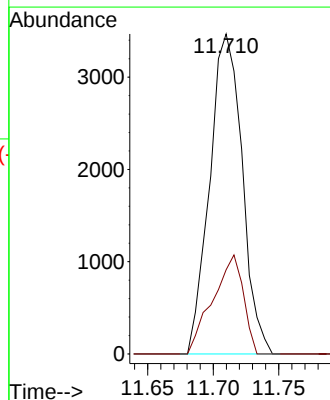
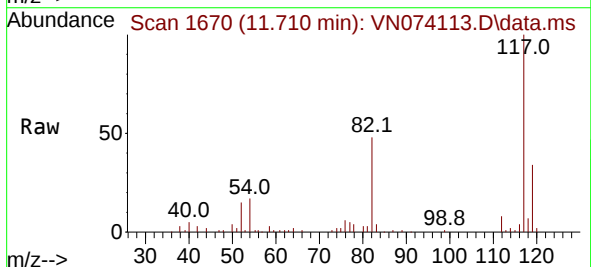
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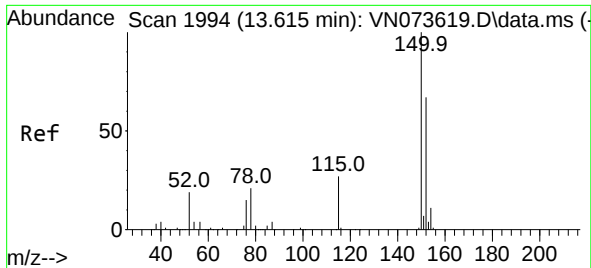
Tgt Ion:117 Resp: 745563
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 32.2 25.4 38.0



#65
Chlorobenzene
Concen: 0.377 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074113.D
Acq: 25 Aug 2022 14:45

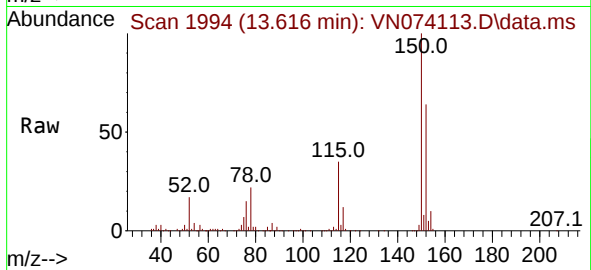
Tgt Ion:112 Resp: 5975
Ion Ratio Lower Upper
112 100
114 26.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074113.D
 Acq: 25 Aug 2022 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I



Tgt Ion:152 Resp: 330123
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.9 86.7
 150 156.2 0.0 356.2

