

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074112.D
 Acq On : 25 Aug 2022 14:20
 Operator : JC\MD
 Sample : N4244-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103D

Quant Time: Aug 26 02:00:23 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)

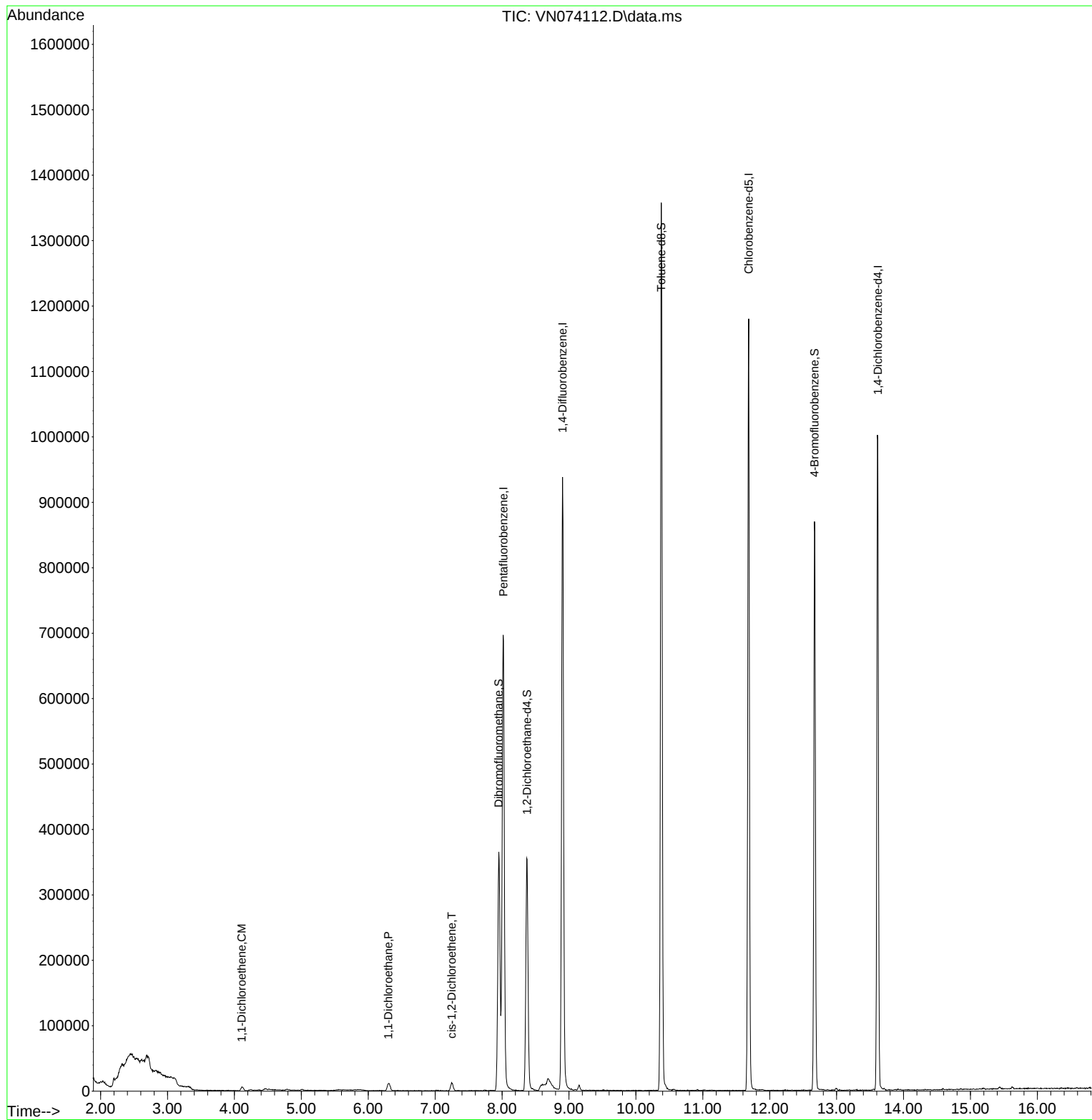
Internal Standards						
1) Pentafluorobenzene	8.022	168	583577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	874924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	723545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	297875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298338	52.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.980%
35) Dibromofluoromethane	7.951	113	268807	51.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	10.380	98	971284	48.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.668	95	292946	44.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.110	96	3341	0.725	ug/l	# 89
24) 1,1-Dichloroethane	6.298	63	17063	1.895	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	7861	1.256	ug/l	88

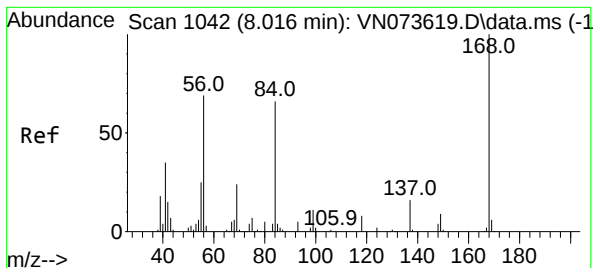
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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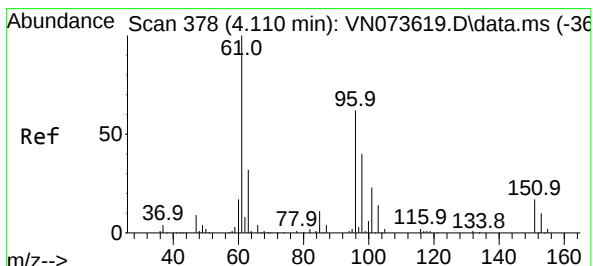
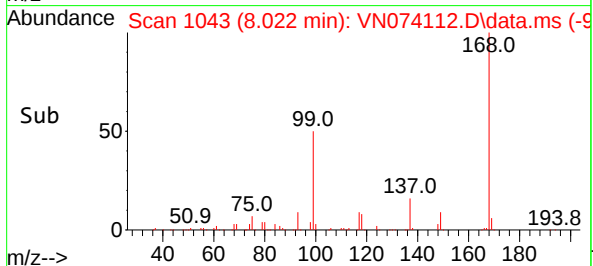
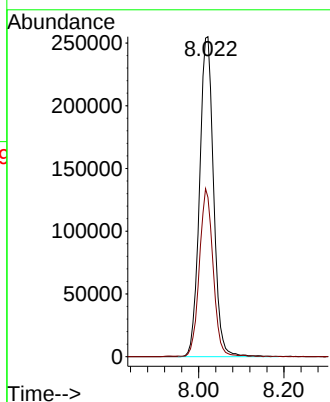
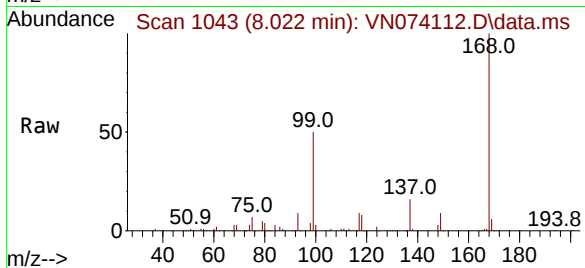




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

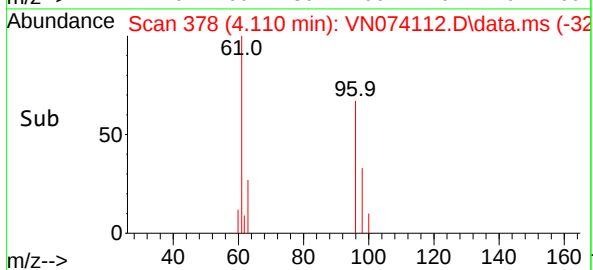
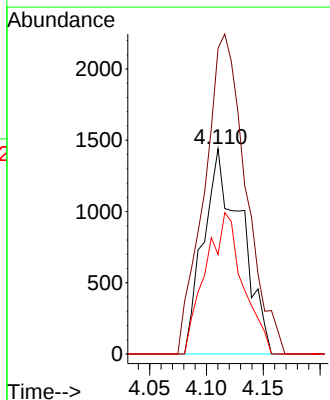
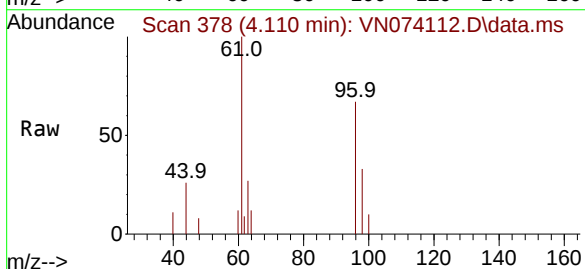
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

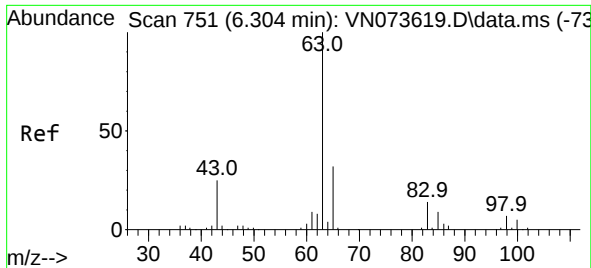
Tgt Ion:168 Resp: 583577
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#12
1,1-Dichloroethene
Concen: 0.725 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 96 Resp: 3341
Ion Ratio Lower Upper
96 100
61 148.9 127.6 191.4
98 48.5 51.2 76.8#

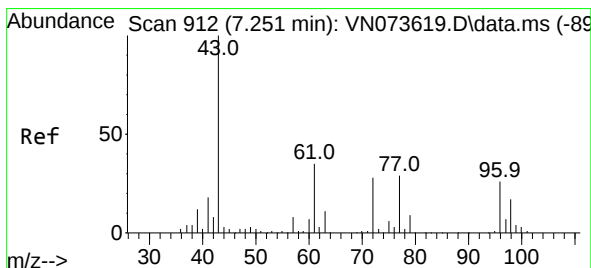
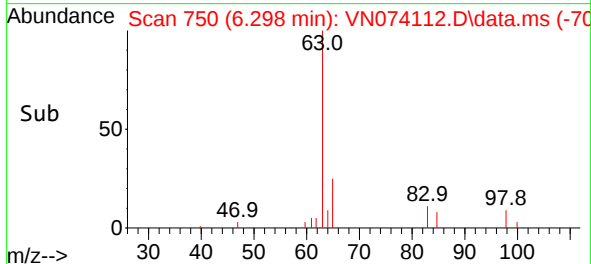
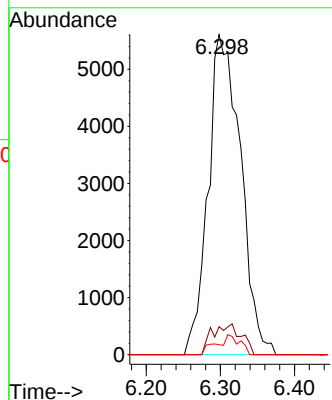
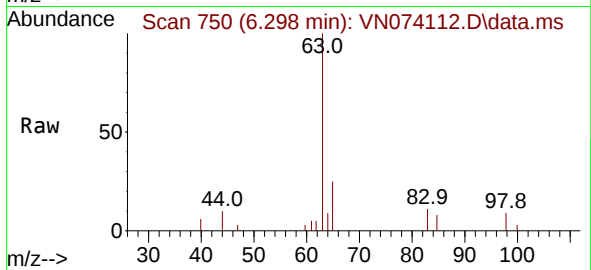




#24
1,1-Dichloroethane
Concen: 1.895 ug/l
RT: 6.298 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

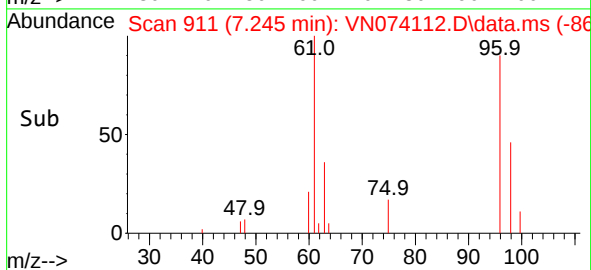
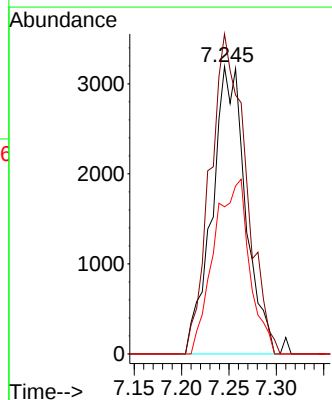
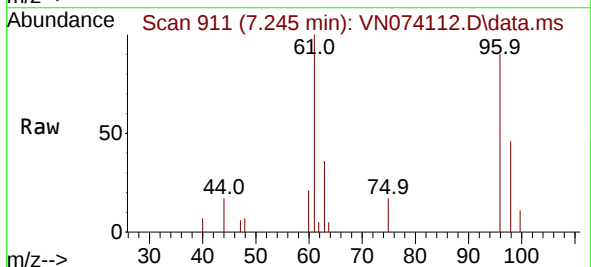
Instrument :
MSVOA_N
ClientSampleId :
MW-103D

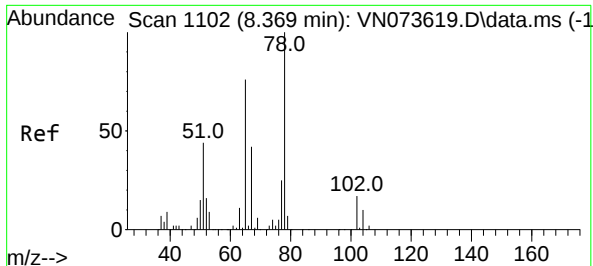
Tgt Ion: 63 Resp: 17063
Ion Ratio Lower Upper
63 100
98 8.8 3.5 10.4
100 3.1 2.3 6.8



#27
cis-1,2-Dichloroethene
Concen: 1.256 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 96 Resp: 7861
Ion Ratio Lower Upper
96 100
61 119.0 0.0 280.6
98 64.3 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 52.487 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

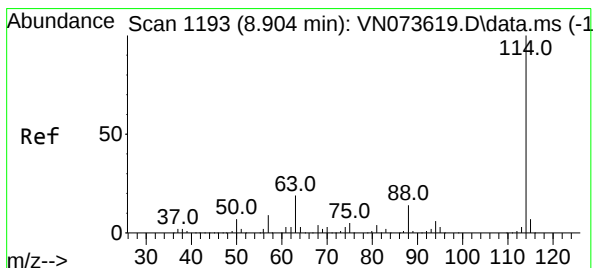
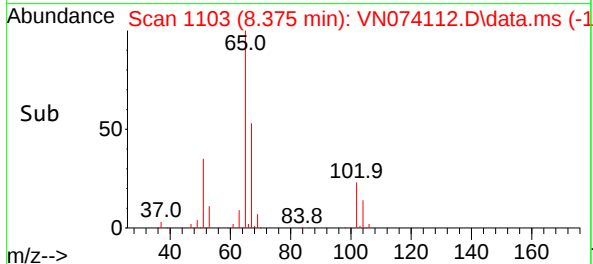
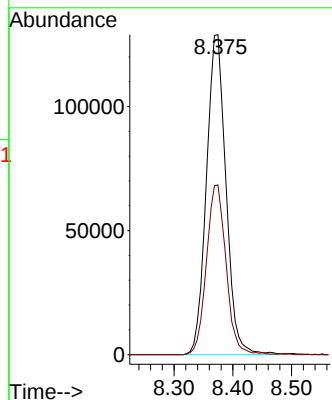
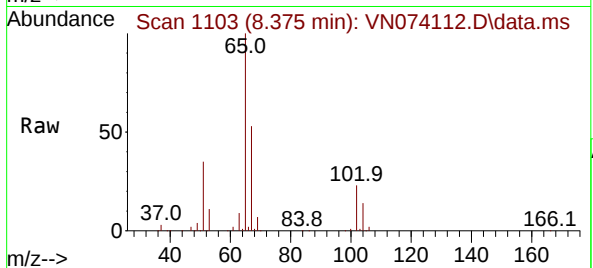
MW-103D

Tgt Ion: 65 Resp: 298338

Ion Ratio Lower Upper

65 100

67 53.3 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: VN074112.D

Acq: 25 Aug 2022 14:20

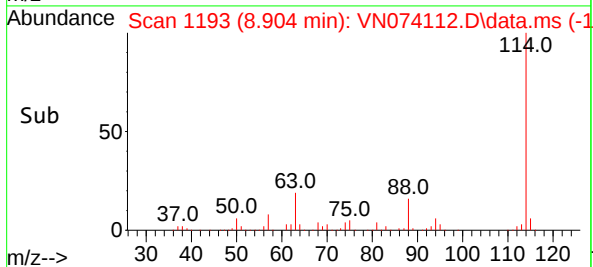
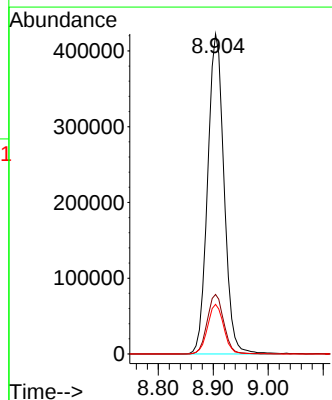
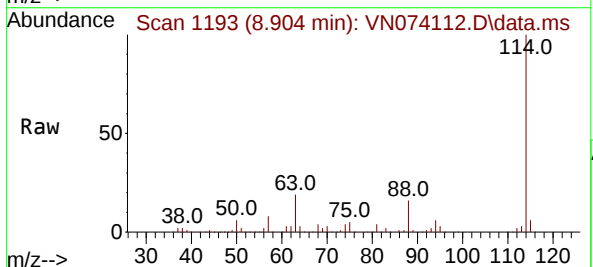
Tgt Ion: 114 Resp: 874924

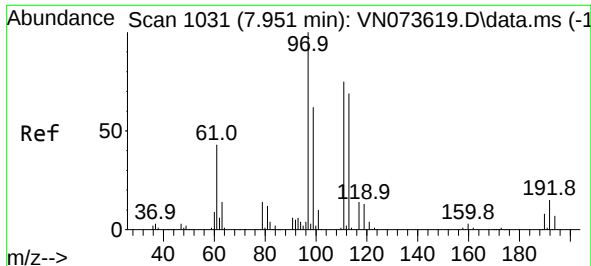
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.951 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074112.D

Acq: 25 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW-103D

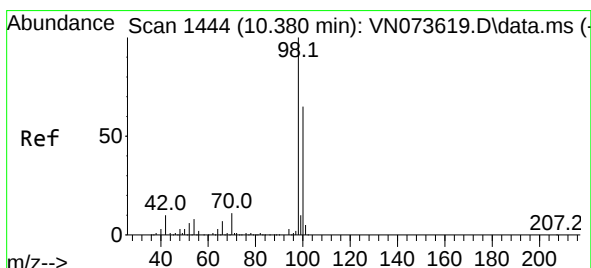
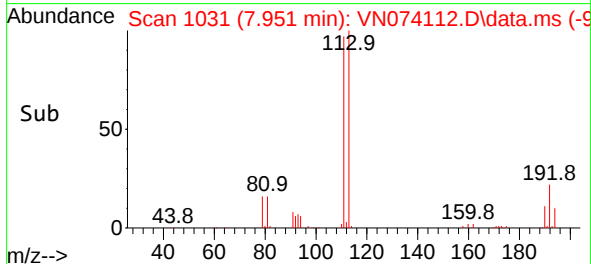
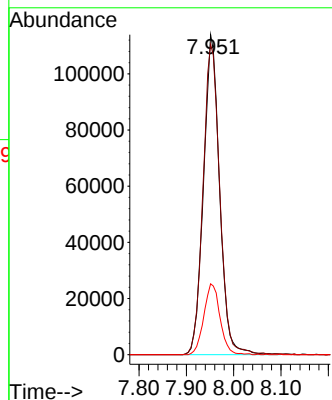
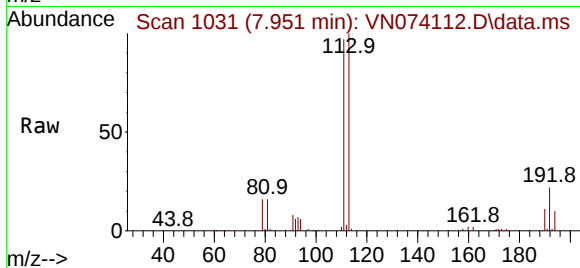
Tgt Ion:113 Resp: 268807

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 22.4 17.0 25.6



#50

Toluene-d8

Concen: 48.469 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074112.D

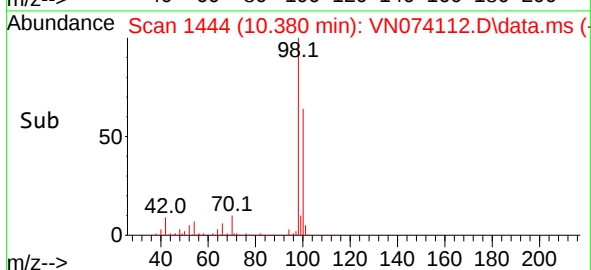
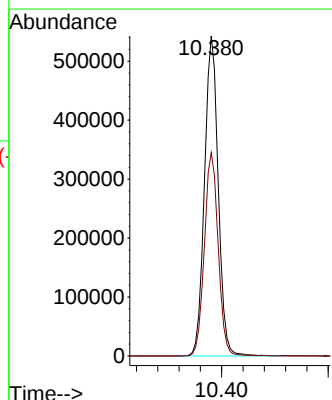
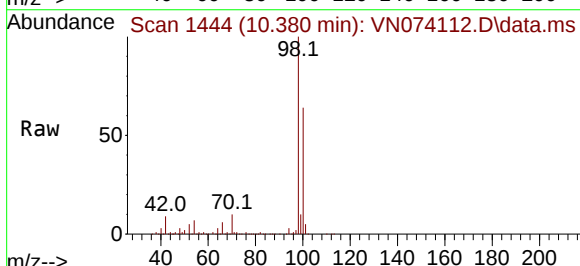
Acq: 25 Aug 2022 14:20

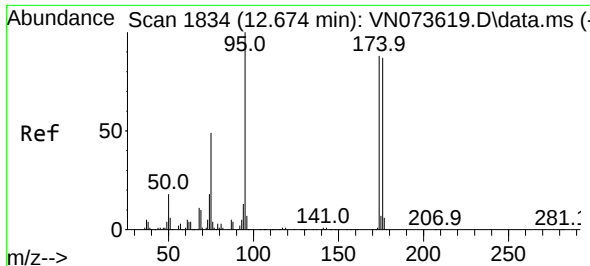
Tgt Ion: 98 Resp: 971284

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8

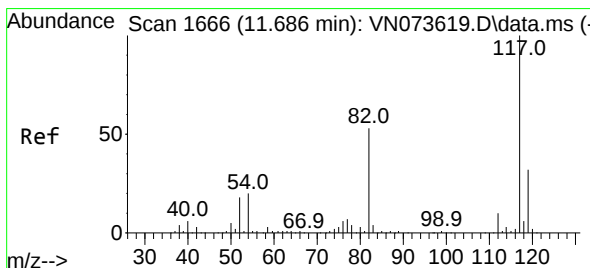
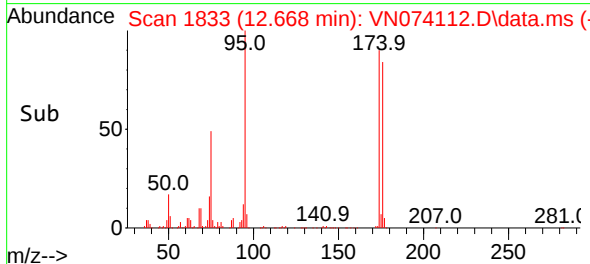
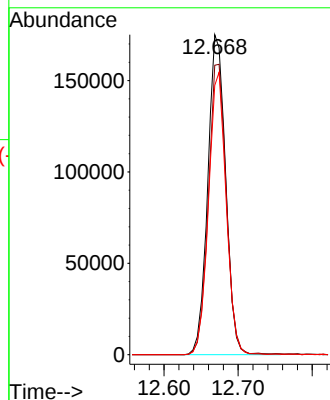
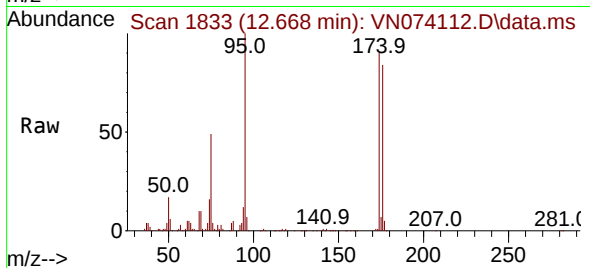




#62
4-Bromofluorobenzene
Concen: 44.048 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

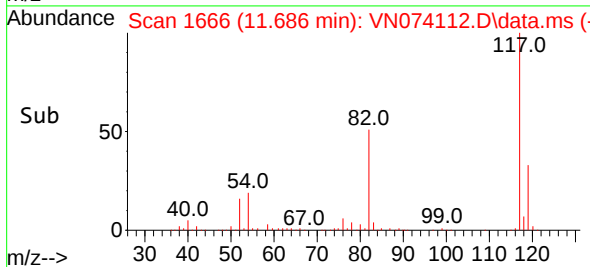
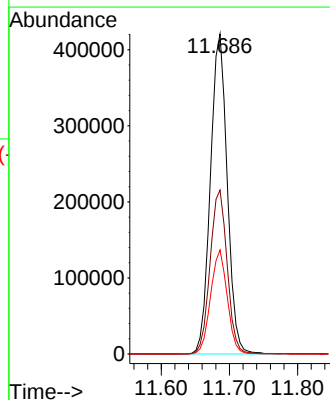
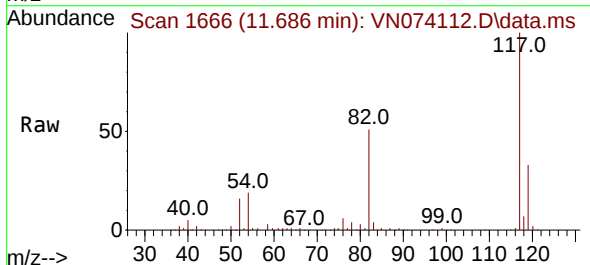
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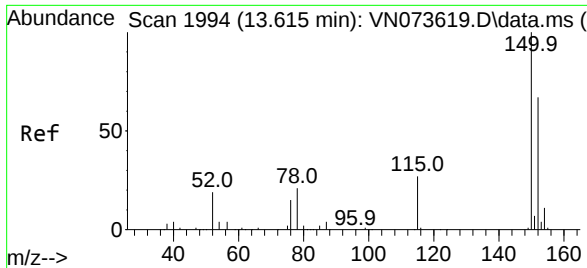
Tgt Ion: 95 Resp: 292946
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 87.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074112.D
Acq: 25 Aug 2022 14:20

Tgt Ion: 117 Resp: 723545
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074112.D
 Acq: 25 Aug 2022 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103D

Tgt Ion:152 Resp: 297875
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.9 86.7
 150 157.7 0.0 356.2

