

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073690.D
 Acq On : 02 Aug 2022 16:25
 Operator : JC\MD
 Sample : N3971-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Aug 03 02:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

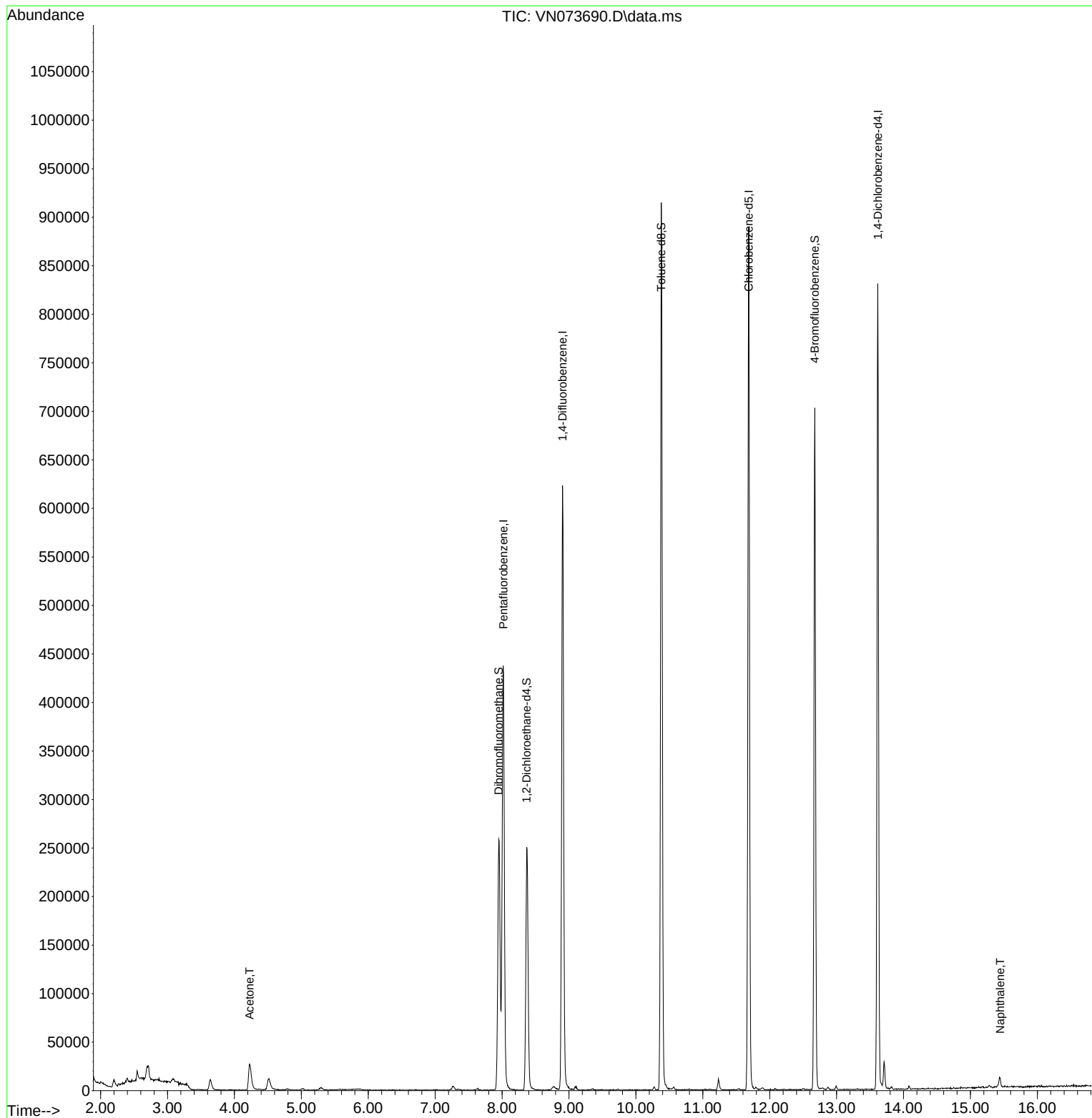
Internal Standards						
1) Pentafluorobenzene	8.022	168	352978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	565203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	523598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	232997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	209525	48.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	7.951	113	192298	54.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.360%
50) Toluene-d8	10.380	98	638956	45.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.674	95	226261	48.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
16) Acetone	4.228	43	51475	22.279	ug/l	90
95) Naphthalene	15.445	128	11054	0.835	ug/l	98

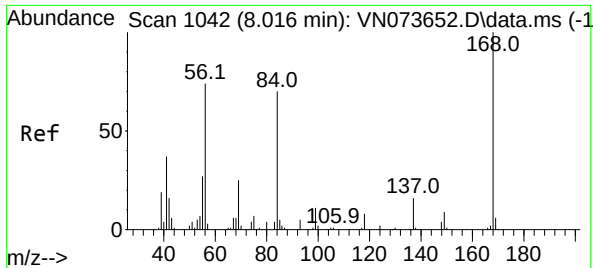
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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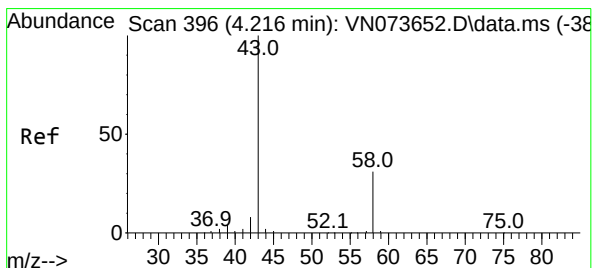
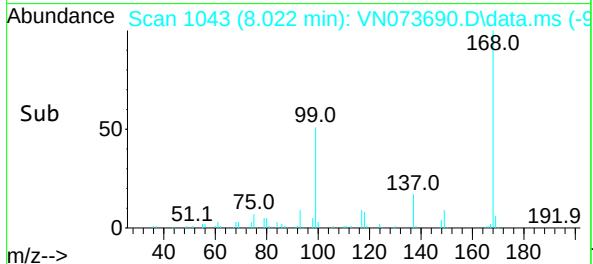
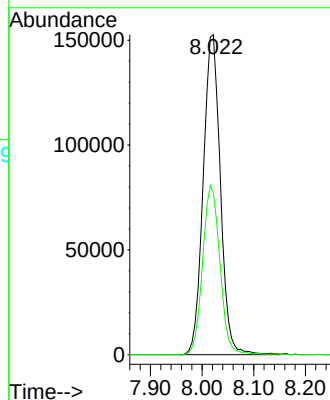
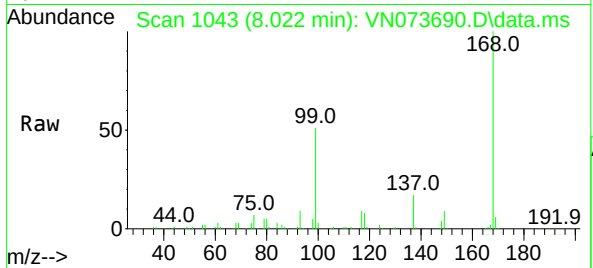




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

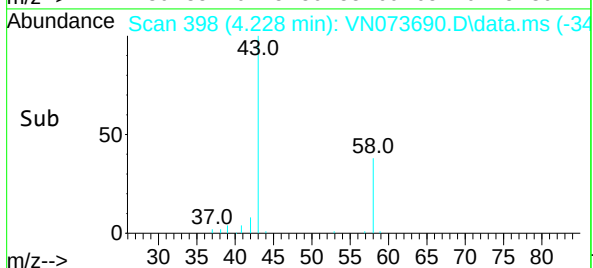
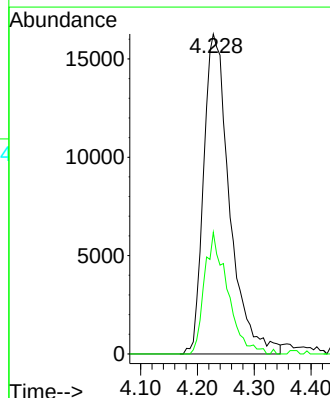
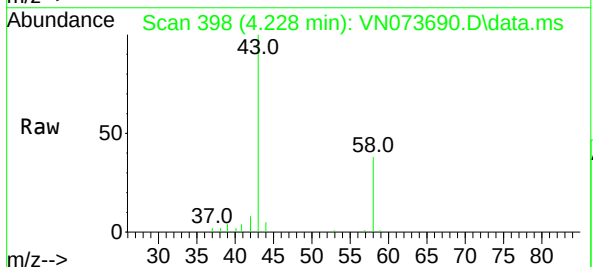
Instrument :
MSVOA_N
ClientSampleId :
MW-24

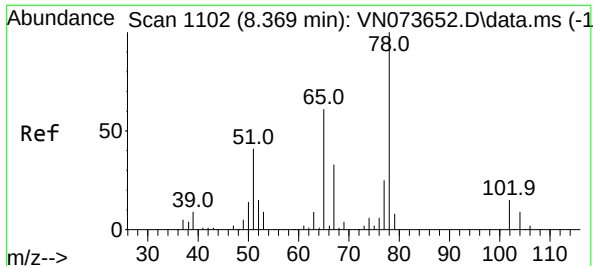
Tgt Ion:168 Resp: 352978
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#16
Acetone
Concen: 22.279 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

Tgt Ion: 43 Resp: 51475
Ion Ratio Lower Upper
43 100
58 38.0 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 48.709 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073690.D

Acq: 02 Aug 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

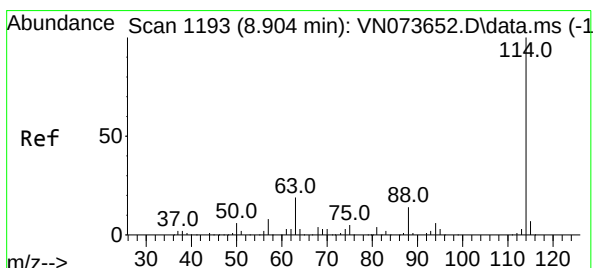
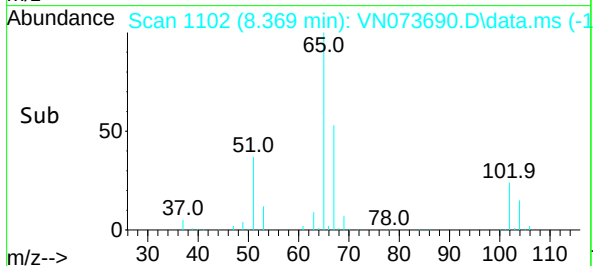
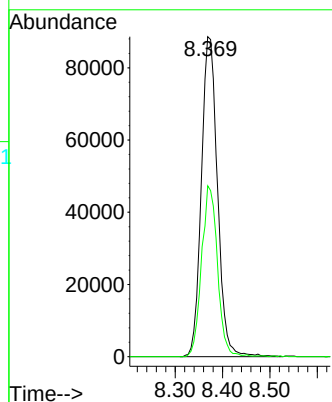
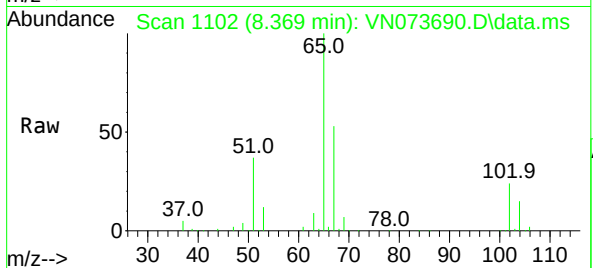
MW-24

Tgt Ion: 65 Resp: 209525

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073690.D

Acq: 02 Aug 2022 16:25

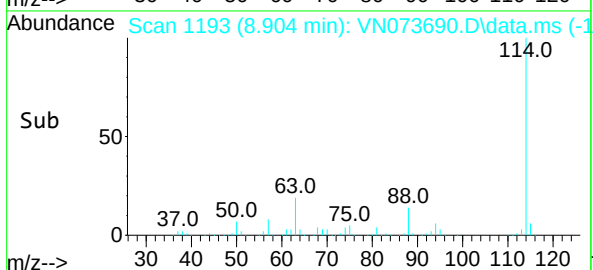
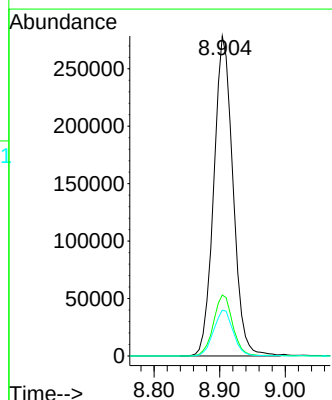
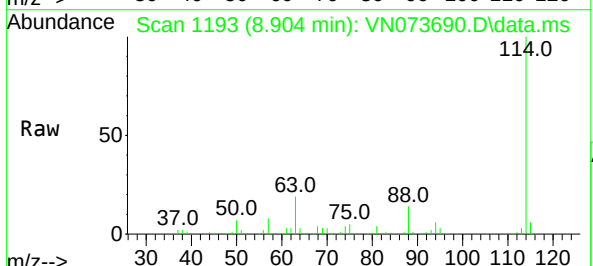
Tgt Ion: 114 Resp: 565203

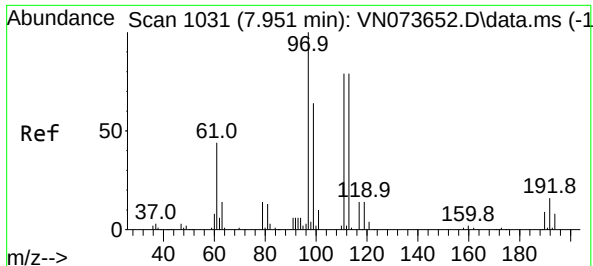
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.182 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073690.D

Acq: 02 Aug 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

MW-24

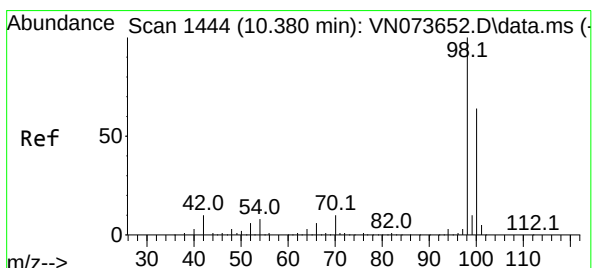
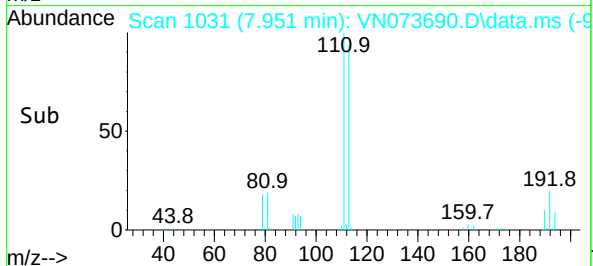
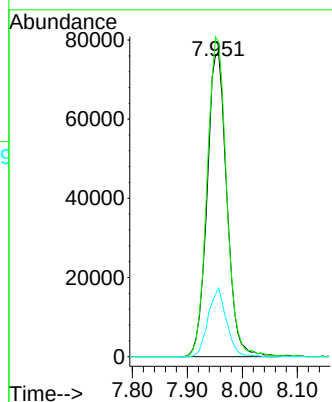
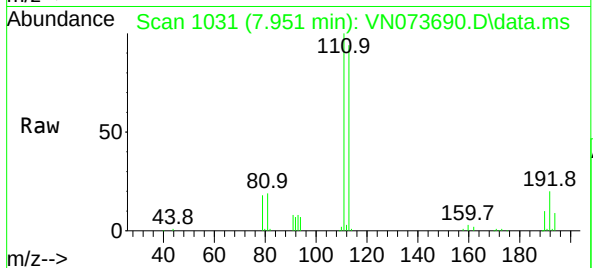
Tgt Ion:113 Resp: 192298

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 20.9 17.0 25.6



#50

Toluene-d8

Concen: 45.750 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073690.D

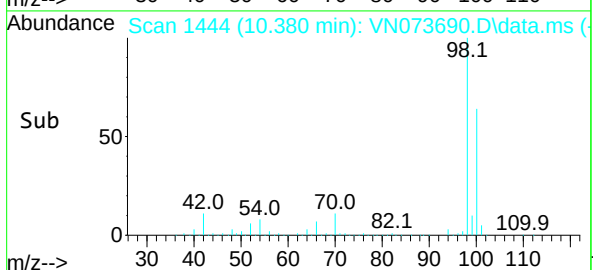
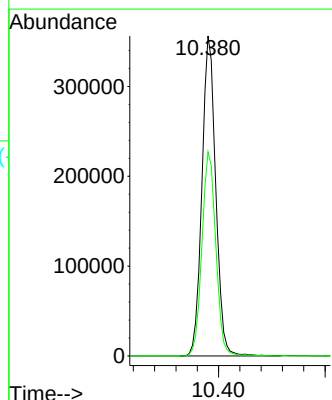
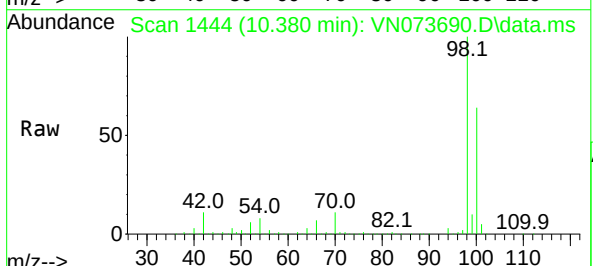
Acq: 02 Aug 2022 16:25

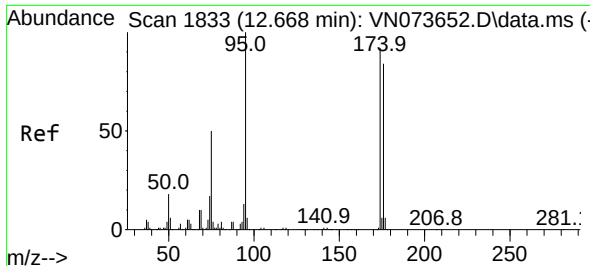
Tgt Ion: 98 Resp: 638956

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

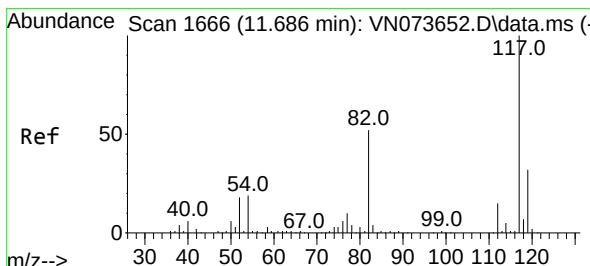
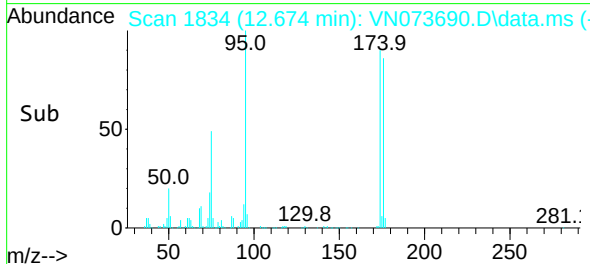
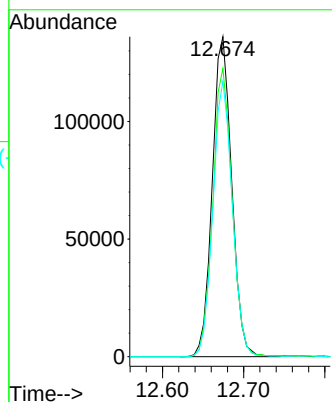
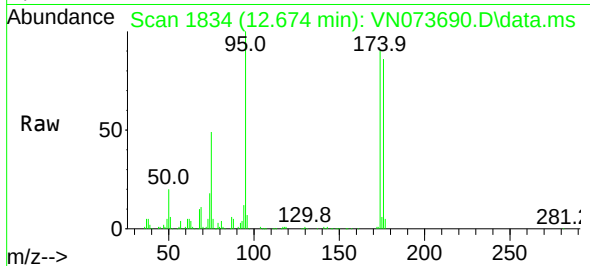




#62
4-Bromofluorobenzene
Concen: 48.730 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

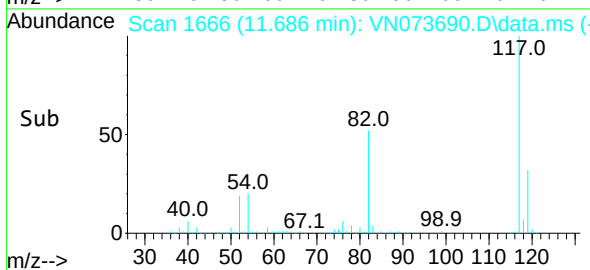
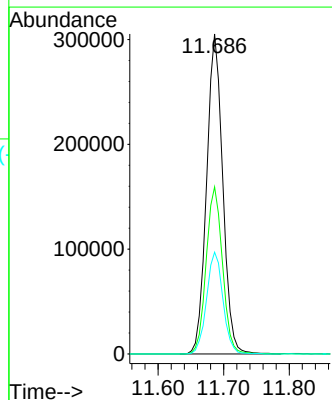
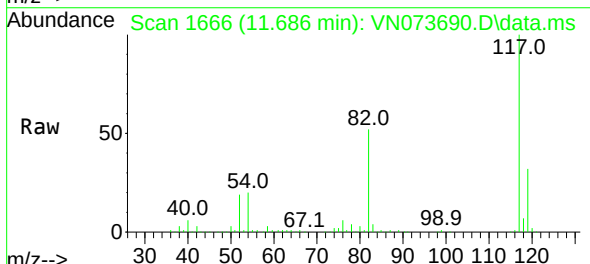
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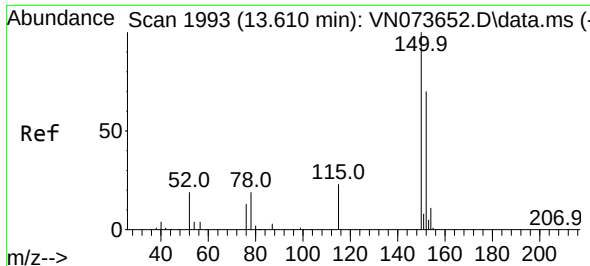
Tgt Ion: 95 Resp: 226261
Ion Ratio Lower Upper
95 100
174 89.9 0.0 167.6
176 86.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

Tgt Ion: 117 Resp: 523598
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.8 25.4 38.0

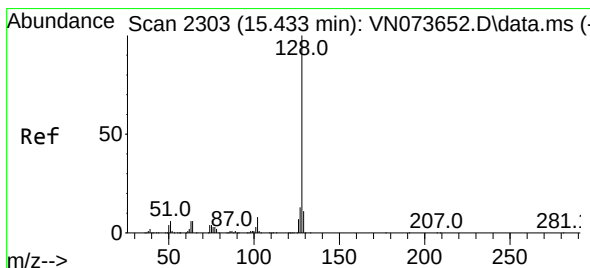
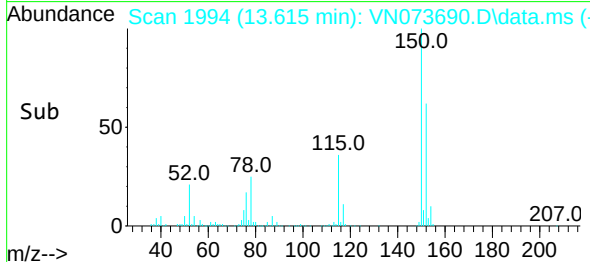
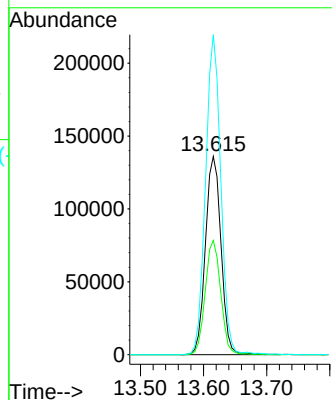
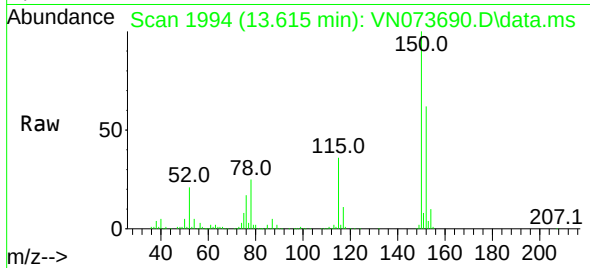




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 232997
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.7 0.0 356.2



#95
Naphthalene
Concen: 0.835 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.012 min
Lab File: VN073690.D
Acq: 02 Aug 2022 16:25

Tgt Ion:128 Resp: 11054
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 12.0 8.6 13.0

