

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073691.D
 Acq On : 02 Aug 2022 16:50
 Operator : JC\MD
 Sample : N3971-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25R

Quant Time: Aug 03 02:08:26 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)

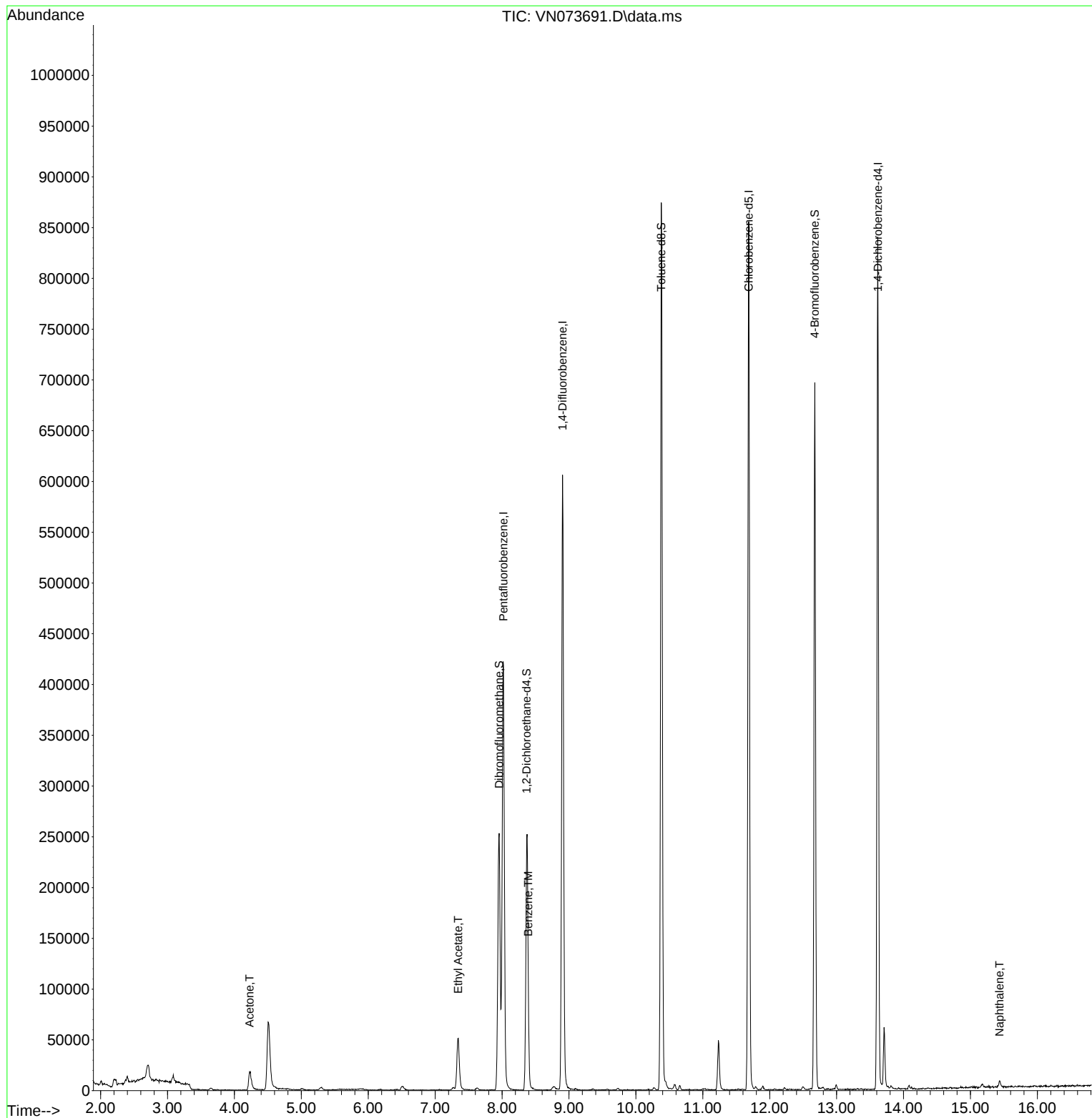
Internal Standards						
1) Pentafluorobenzene	8.022	168	342138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	549141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	514758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	234333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204148	48.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	7.957	113	188596	54.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.380%
50) Toluene-d8	10.380	98	623415	45.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.880%
62) 4-Bromofluorobenzene	12.674	95	222780	49.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	34507	15.408	ug/l	95
37) Ethyl Acetate	7.345	43	81542	12.599	ug/l	99
40) Benzene	8.392	78	6532	0.409	ug/l	98
95) Naphthalene	15.433	128	6798	0.511	ug/l	96

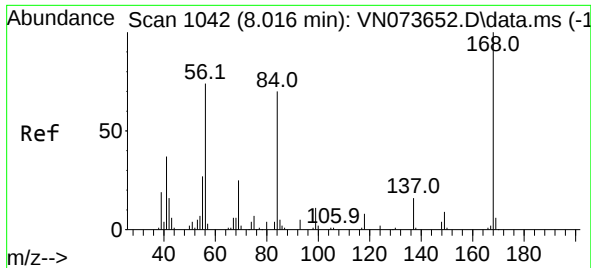
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

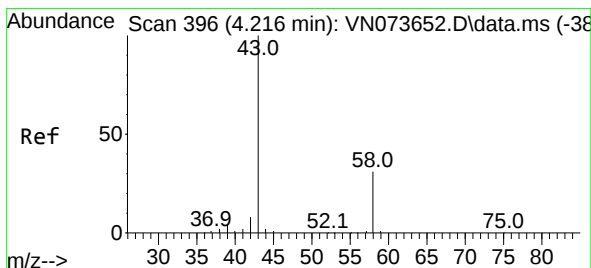
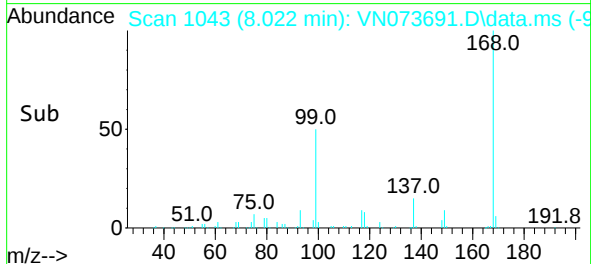
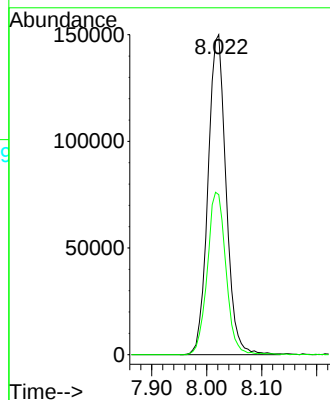
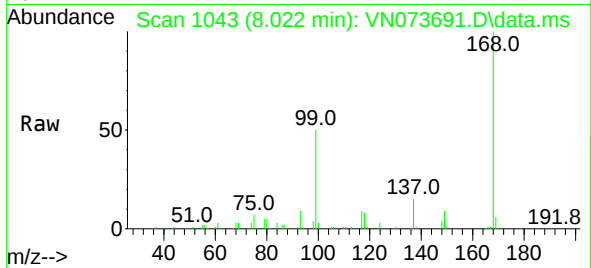




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

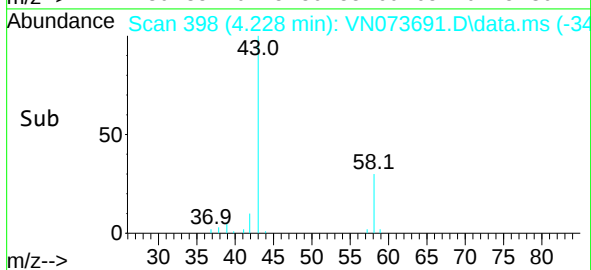
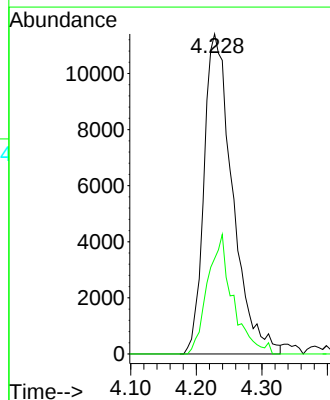
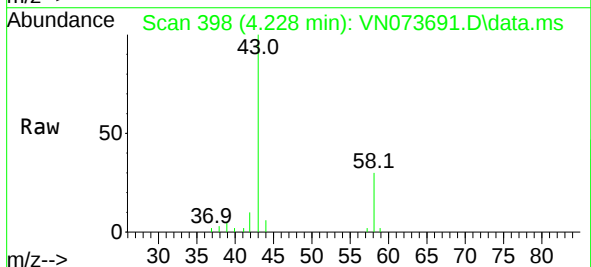
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

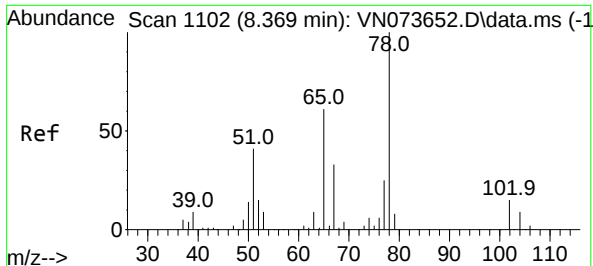
Tgt Ion:168 Resp: 342138
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#16
Acetone
Concen: 15.408 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Tgt Ion: 43 Resp: 34507
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 48.962 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073691.D

Acq: 02 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

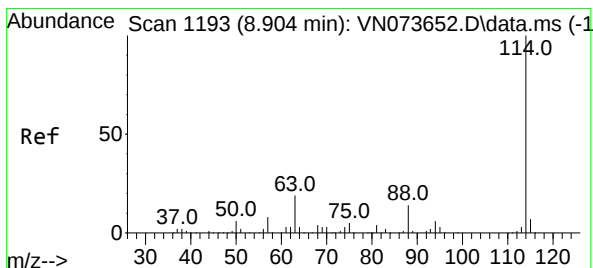
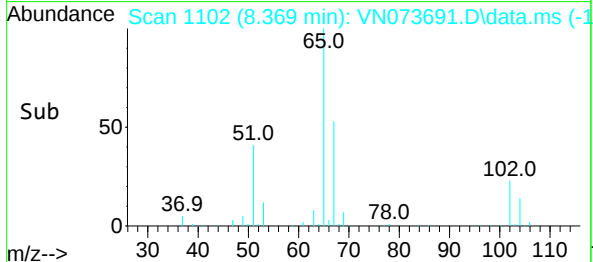
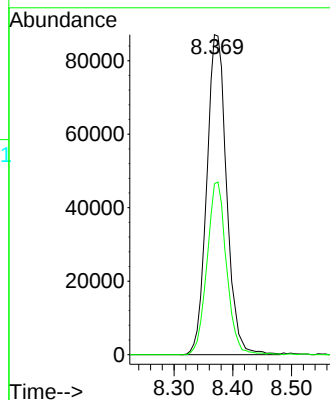
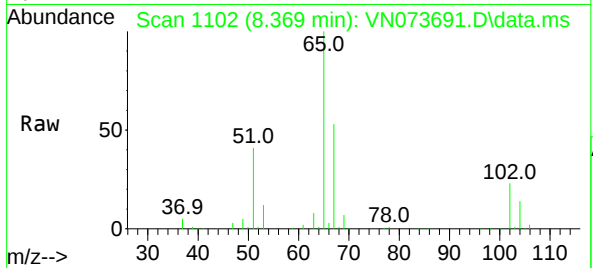
MW-25R

Tgt Ion: 65 Resp: 204148

Ion Ratio Lower Upper

65 100

67 52.8 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: VN073691.D

Acq: 02 Aug 2022 16:50

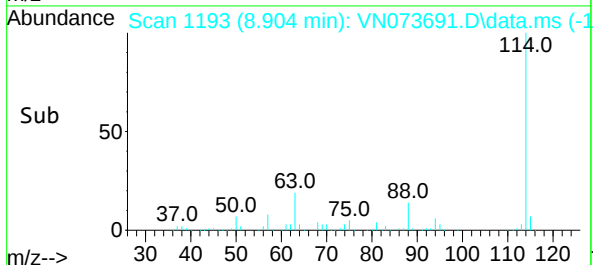
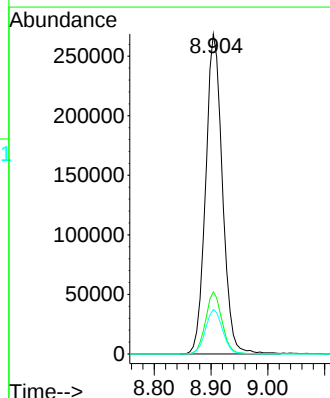
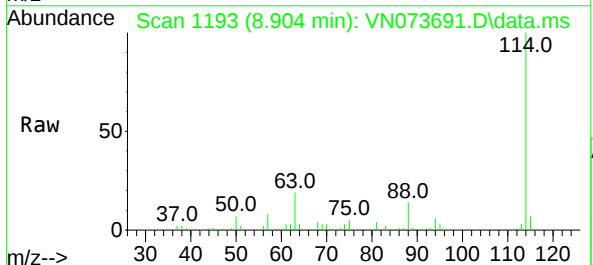
Tgt Ion: 114 Resp: 549141

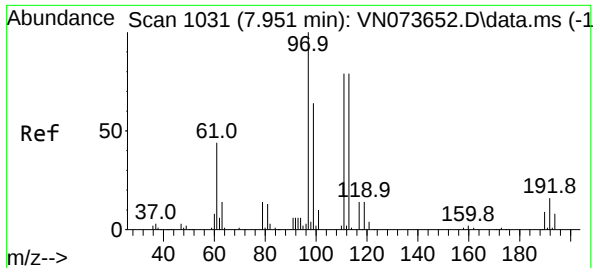
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 13.9 0.0 32.6

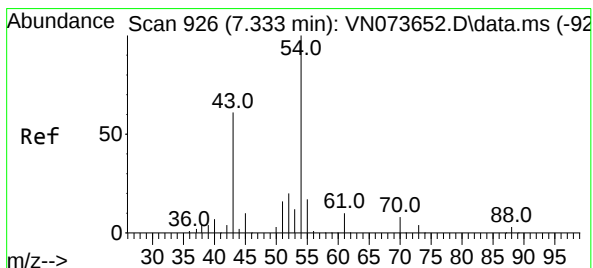
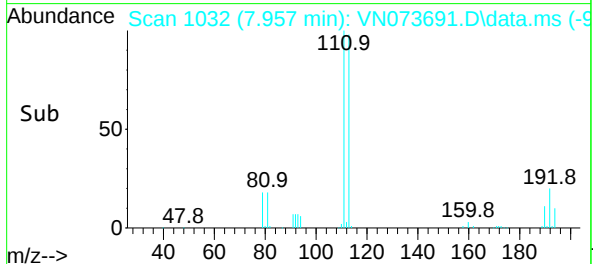
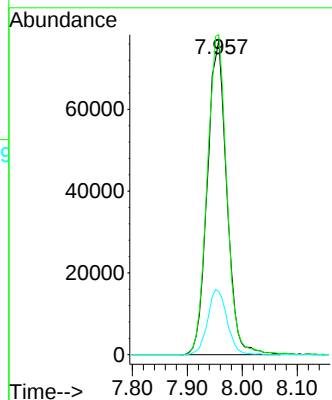
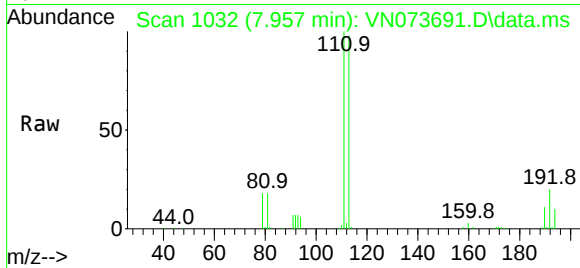




#35
Dibromofluoromethane
Concen: 54.693 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

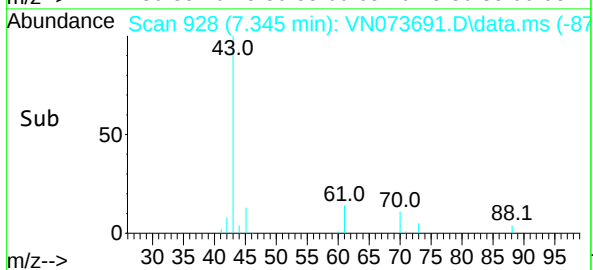
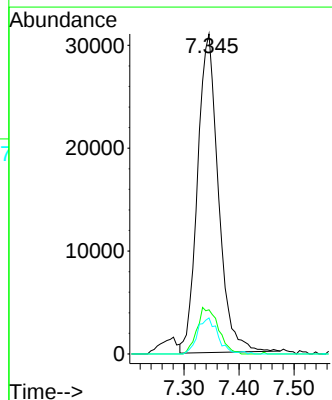
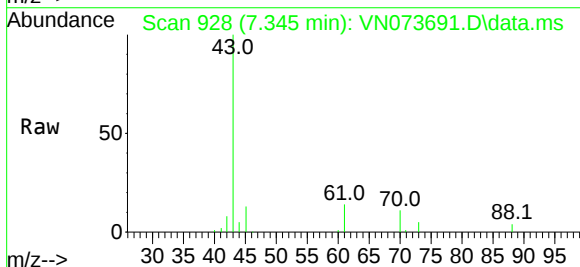
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

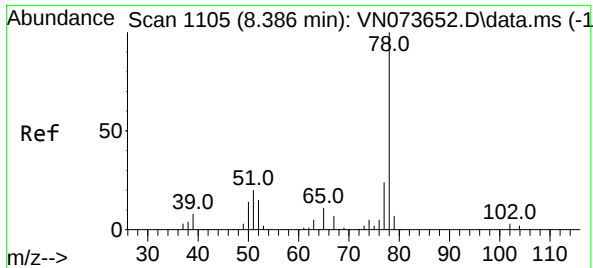
Tgt Ion:113 Resp: 188596
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 20.7 17.0 25.6



#37
Ethyl Acetate
Concen: 12.599 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.006 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Tgt Ion: 43 Resp: 81542
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.9 9.3 13.9

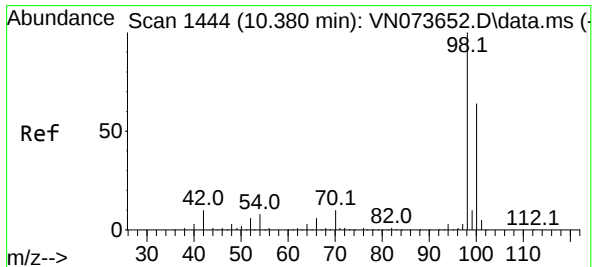
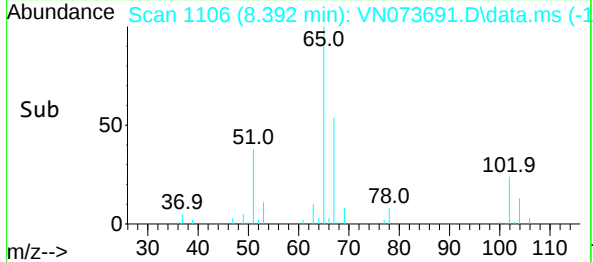
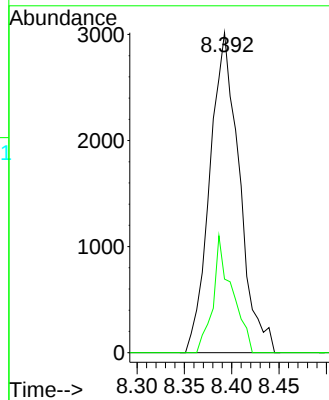
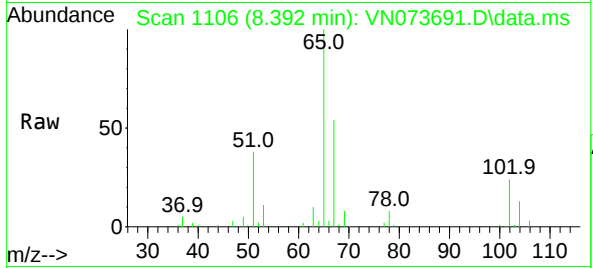




#40
Benzene
Concen: 0.409 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

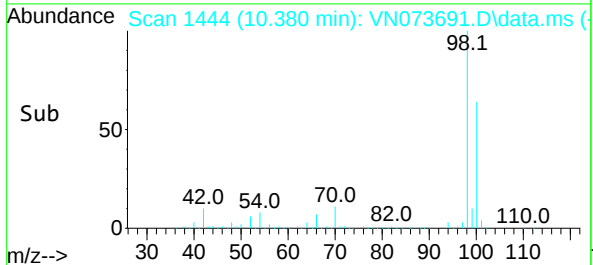
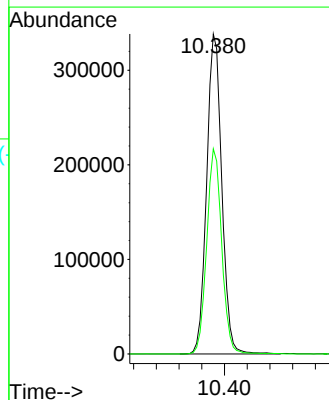
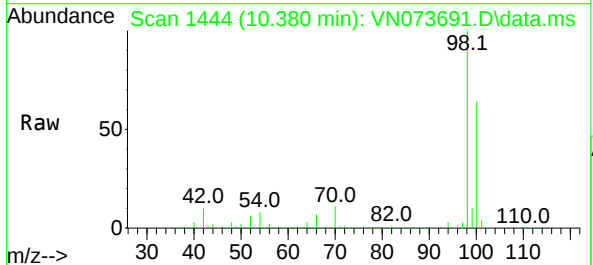
Instrument :
MSVOA_N
ClientSampleId :
MW-25R

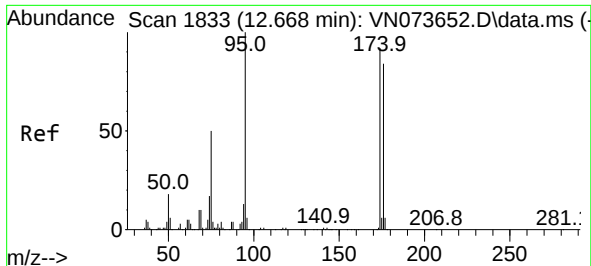
Tgt Ion: 78 Resp: 6532
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0



#50
Toluene-d8
Concen: 45.943 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Tgt Ion: 98 Resp: 623415
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

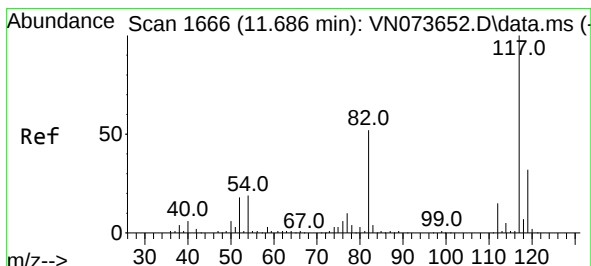
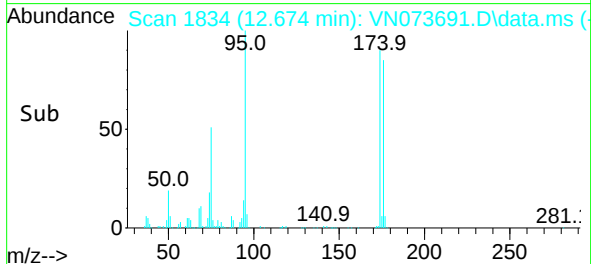
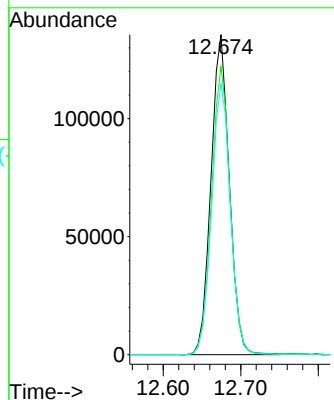
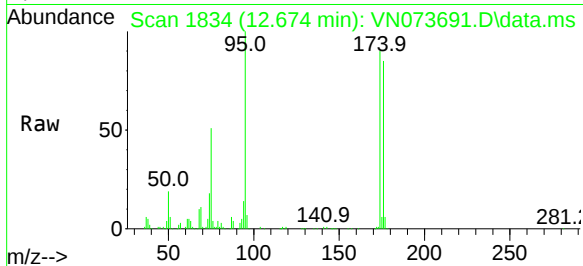




#62
4-Bromofluorobenzene
Concen: 49.279 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

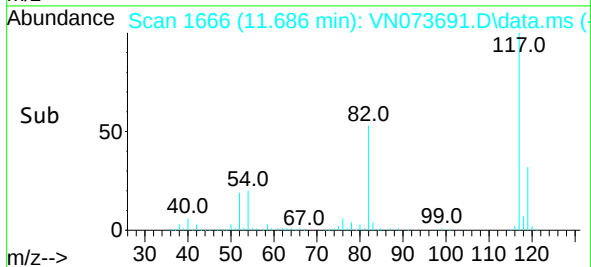
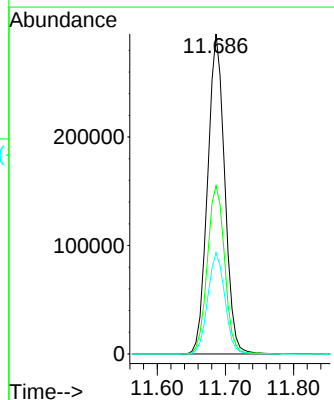
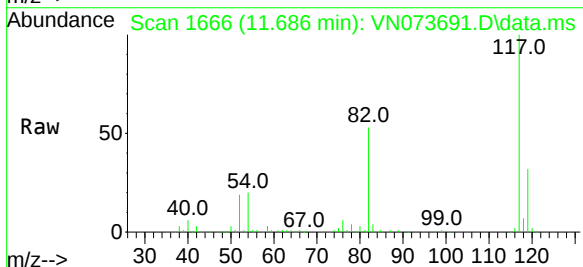
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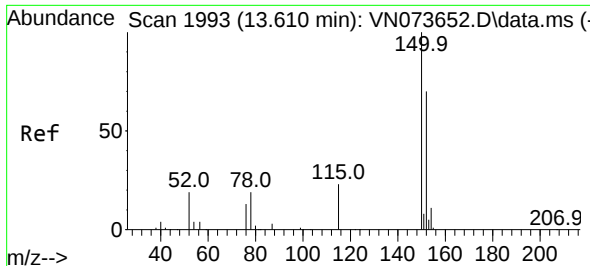
Tgt Ion: 95 Resp: 222780
Ion Ratio Lower Upper
95 100
174 91.3 0.0 167.6
176 86.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Tgt Ion: 117 Resp: 514758
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.7 25.4 38.0

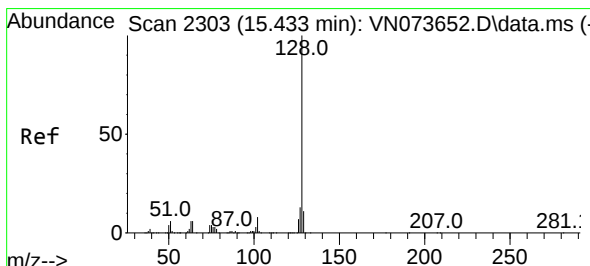
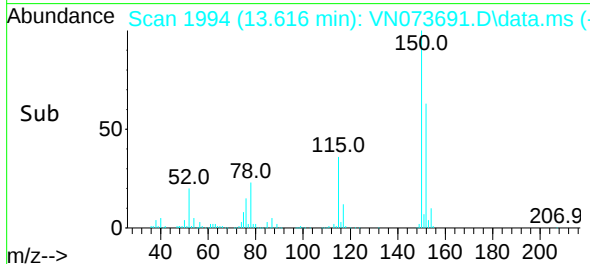
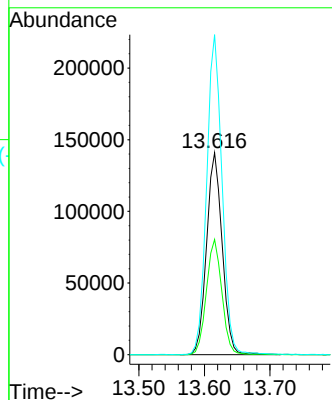
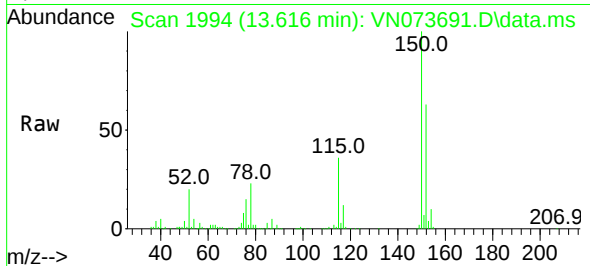




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Instrument :
MSVOA_N
ClientSampleId :
MW-25R

Tgt Ion:152 Resp: 234333
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 155.8 0.0 356.2



#95
Naphthalene
Concen: 0.511 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073691.D
Acq: 02 Aug 2022 16:50

Tgt Ion:128 Resp: 6798
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 8.7 8.6 13.0

