

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073666.D
 Acq On : 01 Aug 2022 17:46
 Operator : JC\MD
 Sample : N3965-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-072222

Quant Time: Aug 02 05:03:56 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)

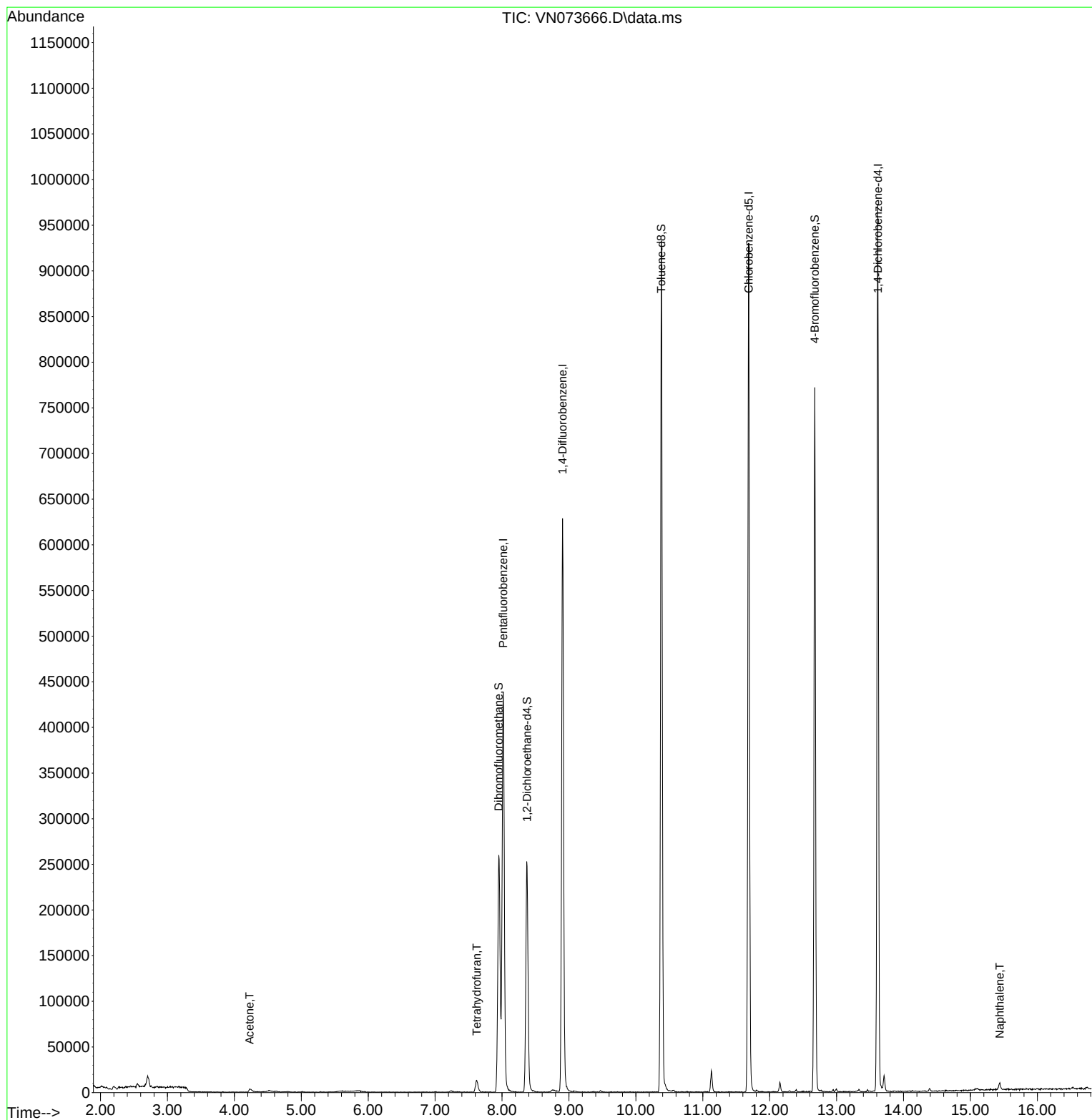
Internal Standards						
1) Pentafluorobenzene	8.016	168	353395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	567315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	547030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	208351	48.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.760%
35) Dibromofluoromethane	7.951	113	192316	53.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	10.381	98	644937	46.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.675	95	242507	51.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.960%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	7224	3.123	ug/l	95
29) Tetrahydrofuran	7.622	42	9797	4.314	ug/l	99
95) Naphthalene	15.439	128	8429	0.552	ug/l #	97

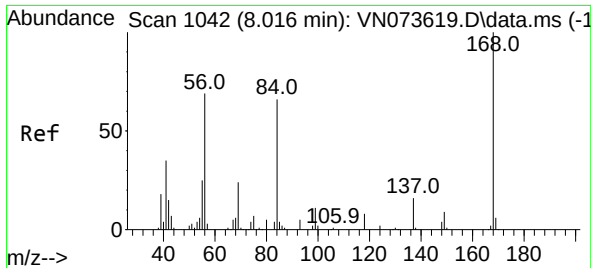
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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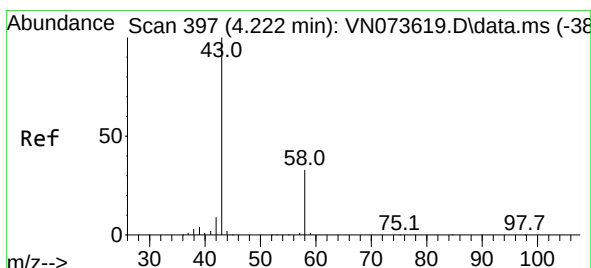
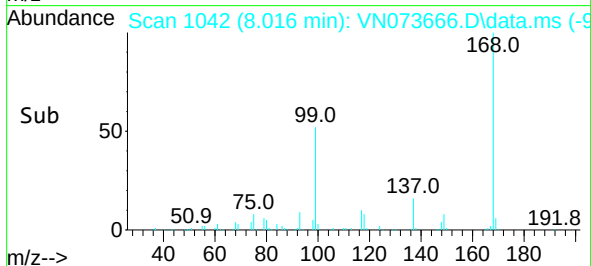
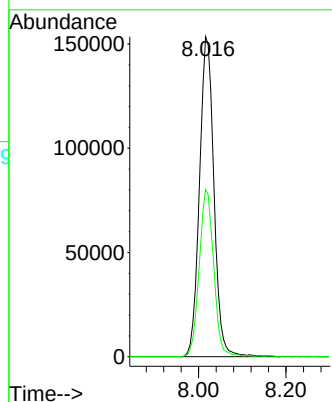
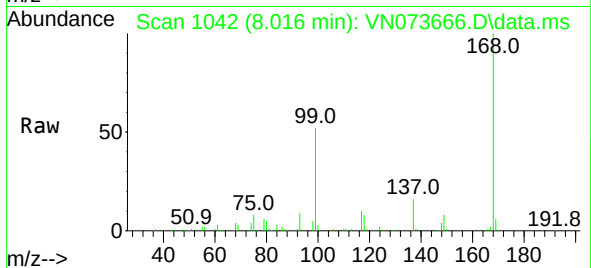




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

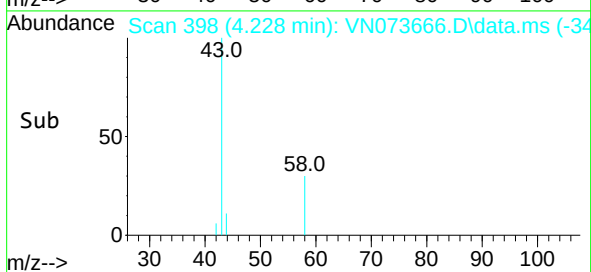
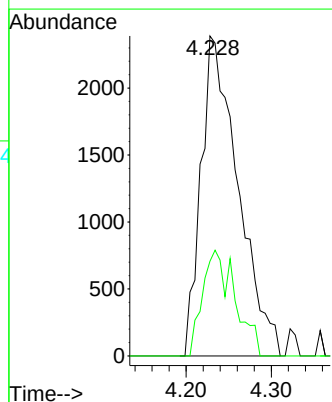
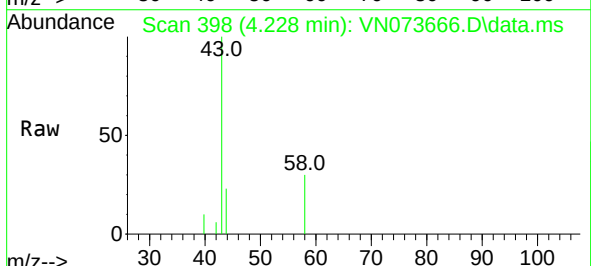
Instrument :
MSVOA_N
ClientSampleId :
EB-072222

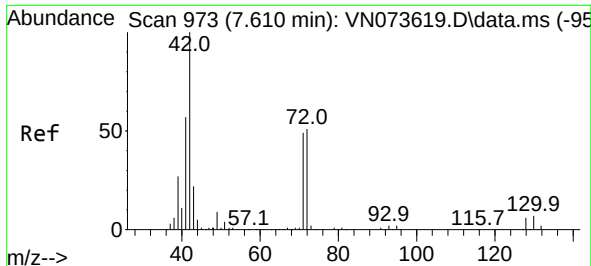
Tgt Ion:168 Resp: 353395
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#16
Acetone
Concen: 3.123 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 43 Resp: 7224
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#29

Tetrahydrofuran

Concen: 4.314 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

EB-072222

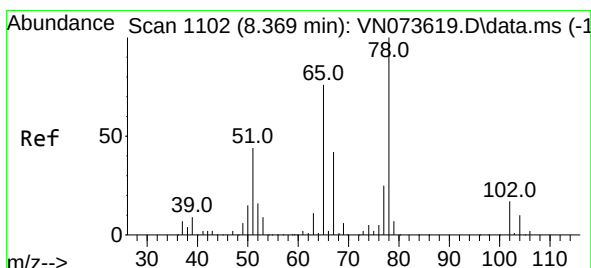
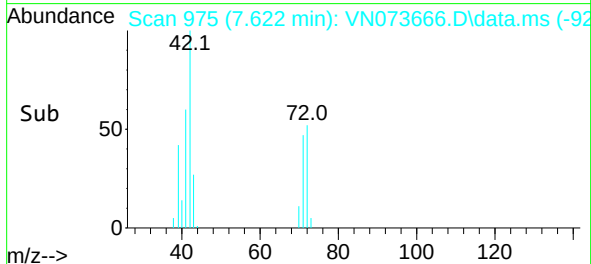
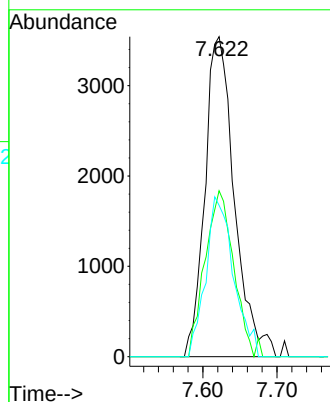
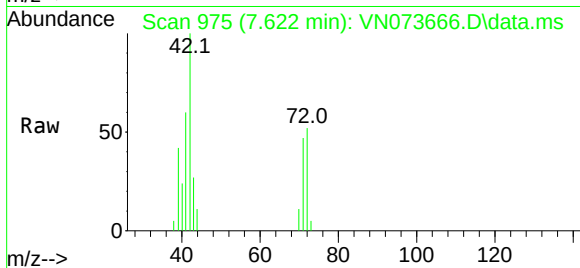
Tgt Ion: 42 Resp: 9797

Ion Ratio Lower Upper

42 100

72 49.8 39.7 59.5

71 47.1 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073666.D

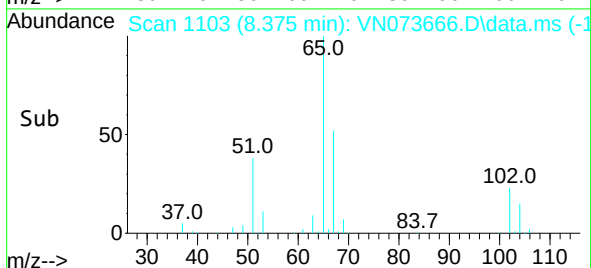
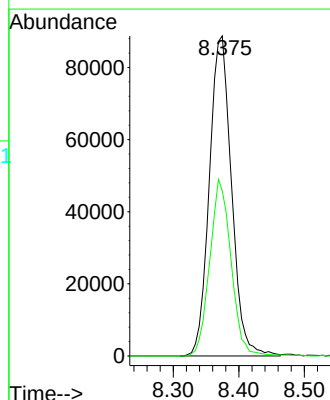
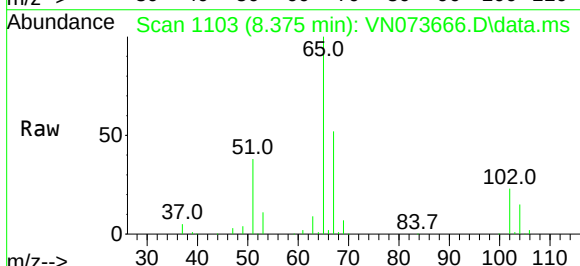
Acq: 01 Aug 2022 17:46

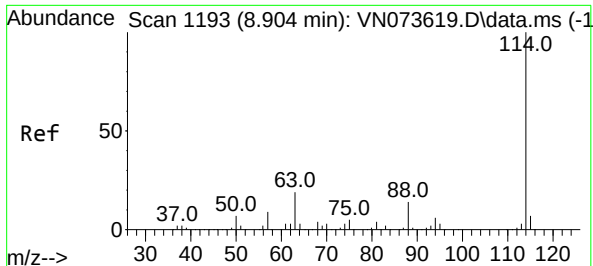
Tgt Ion: 65 Resp: 208351

Ion Ratio Lower Upper

65 100

67 53.1 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: VN073666.D

Acq: 01 Aug 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

EB-072222

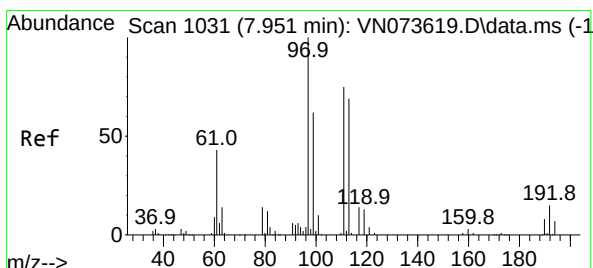
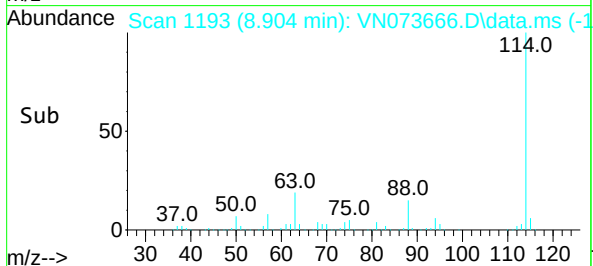
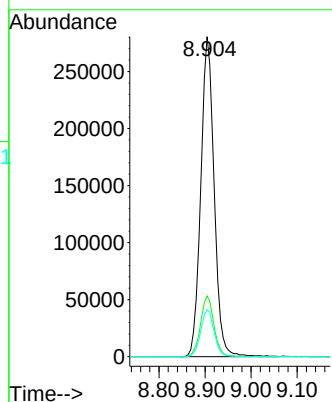
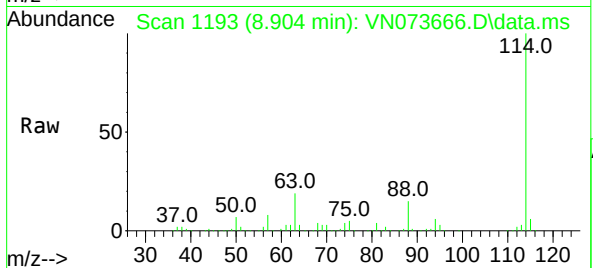
Tgt Ion:114 Resp: 567315

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.985 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

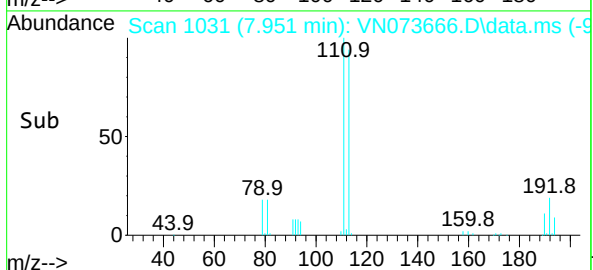
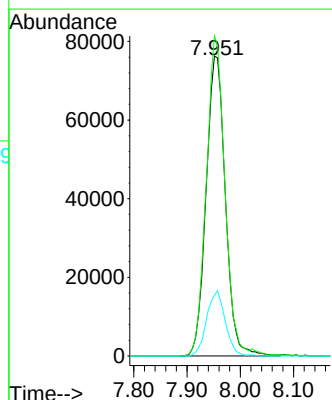
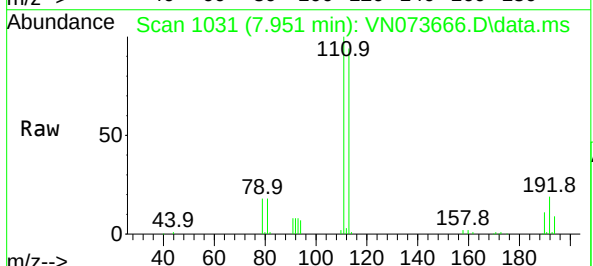
Tgt Ion:113 Resp: 192316

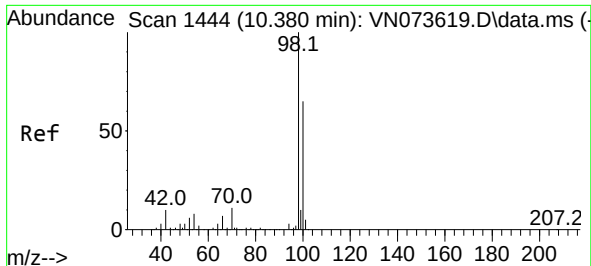
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 20.9 17.0 25.6

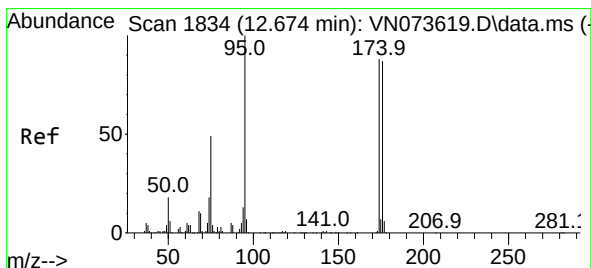
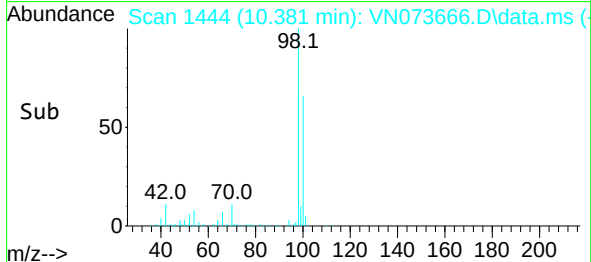
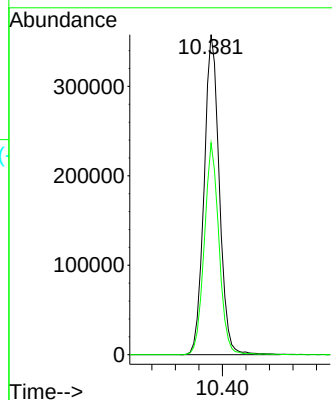
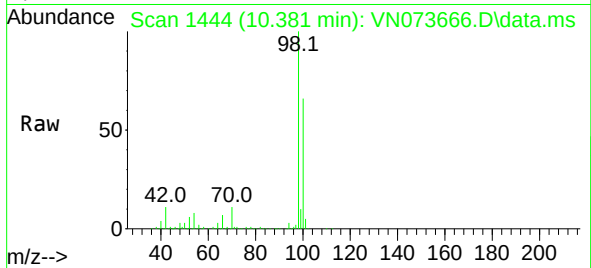




#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

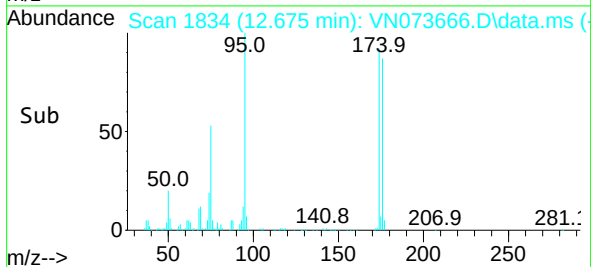
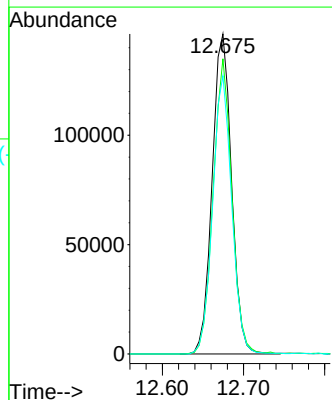
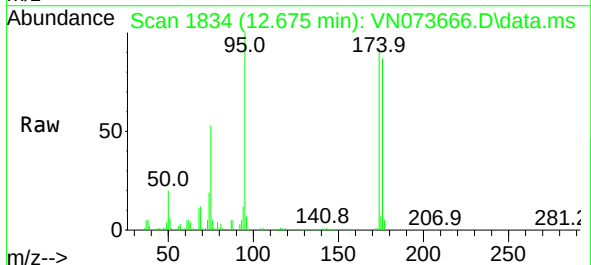
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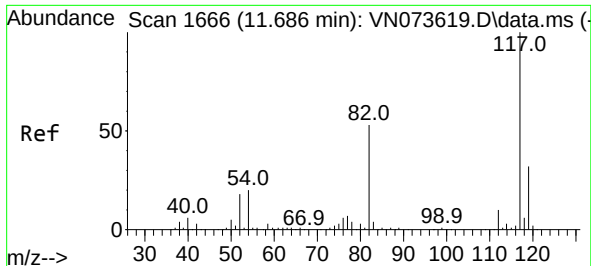
Tgt Ion: 98 Resp: 644937
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 95 Resp: 242507
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 85.4 0.0 163.4

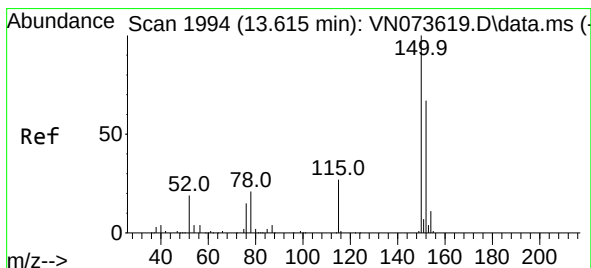
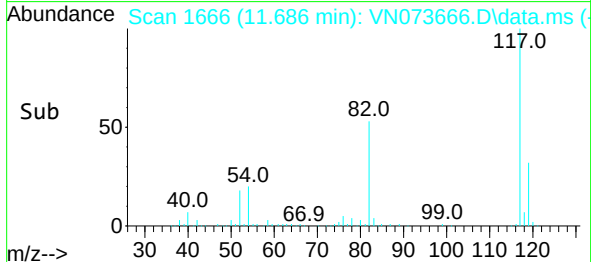
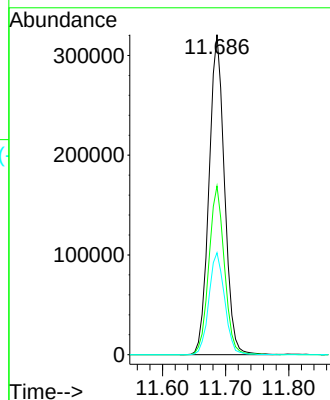
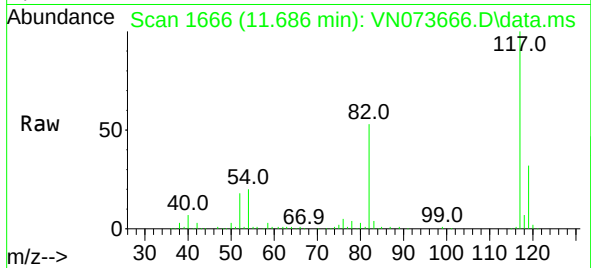




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

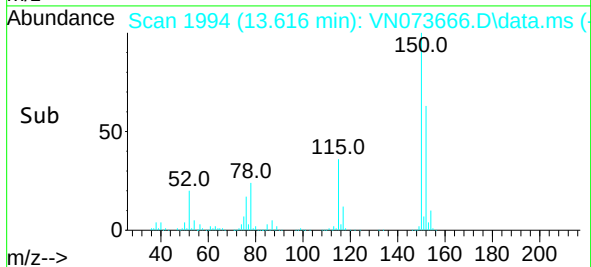
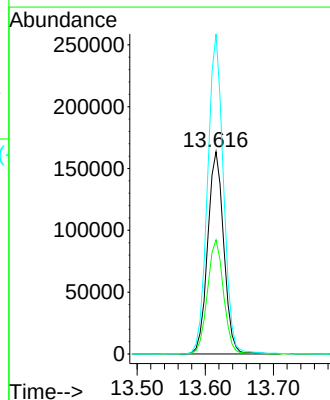
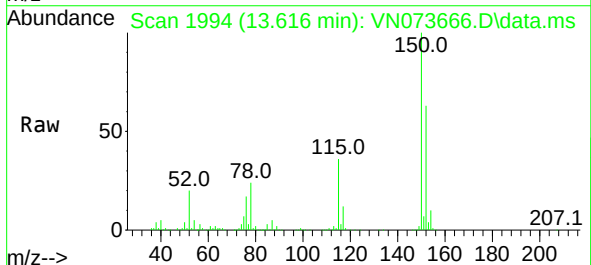
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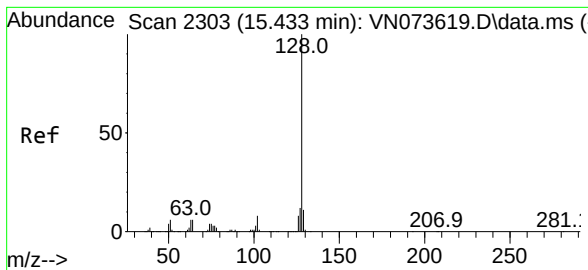
Tgt Ion:117 Resp: 547030
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

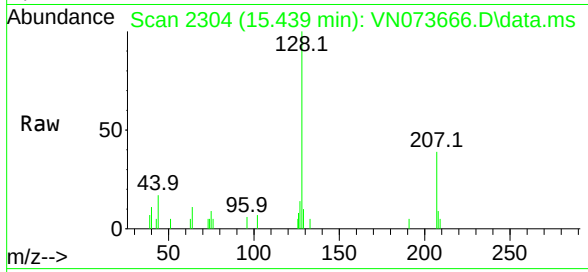
Tgt Ion:152 Resp: 268654
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 156.0 0.0 356.2





#95
Naphthalene
Concen: 0.552 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
EB-072222



Tgt Ion:	128	Resp:	8429
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	8.4	8.6	13.0#

