

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073029.D
 Acq On : 22 Jun 2022 16:54
 Operator : JC\MD
 Sample : N3381-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-10

Quant Time: Jun 23 07:32:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

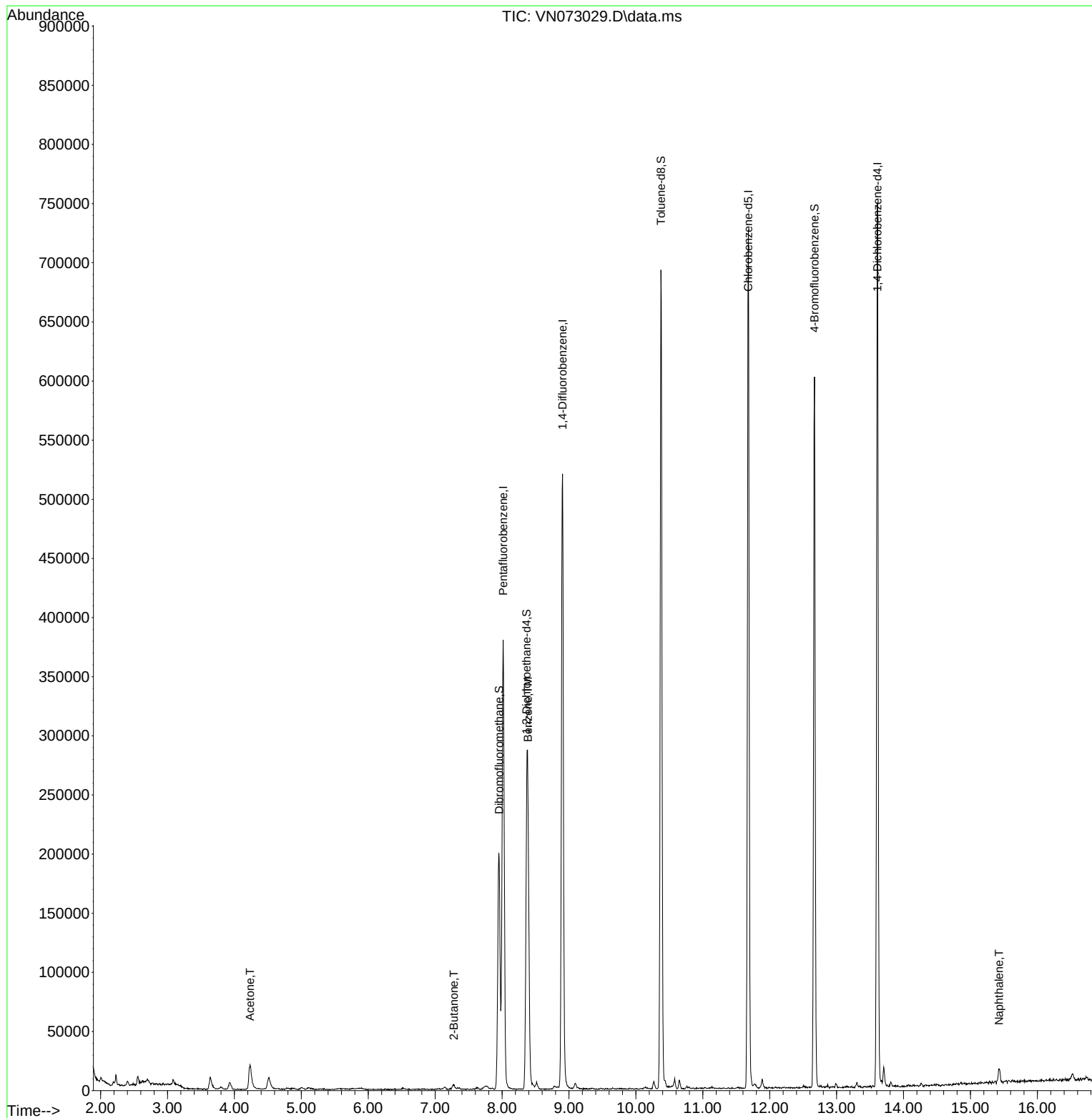
Internal Standards						
1) Pentafluorobenzene	8.016	168	285551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	470663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	427703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	205177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173055	44.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	7.957	113	150392	51.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	10.374	98	486201	44.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.668	95	209356	53.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.560%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	40581	19.123	ug/l	96
25) 2-Butanone	7.281	43	7147	2.122	ug/l	98
40) Benzene	8.386	78	152020	12.288	ug/l	98
95) Naphthalene	15.427	128	13512	0.852	ug/l #	90

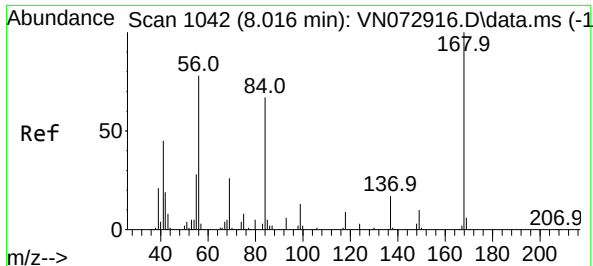
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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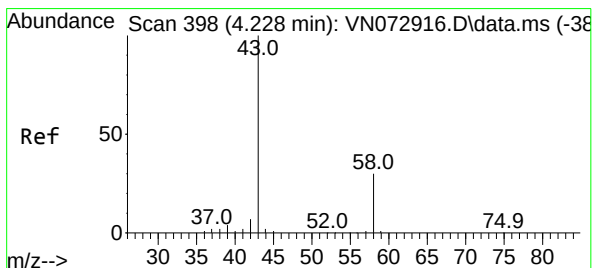
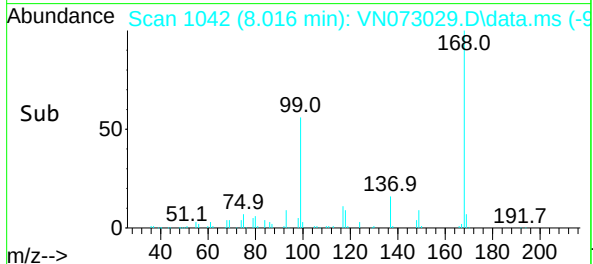
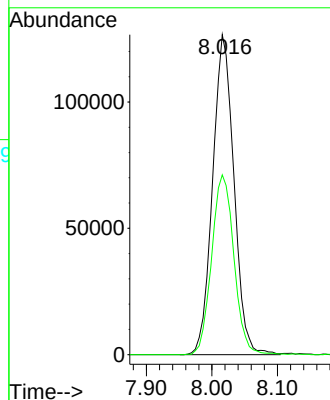
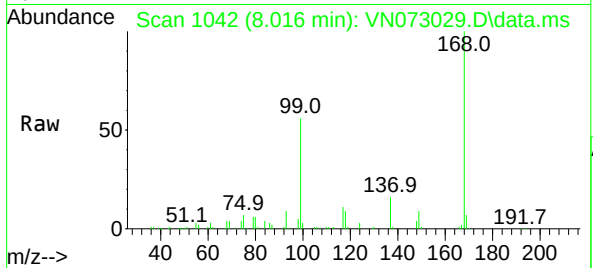




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

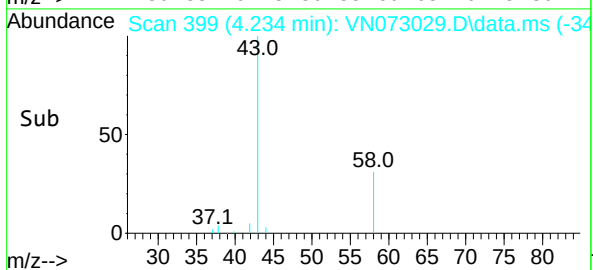
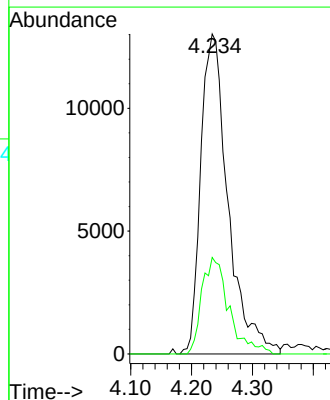
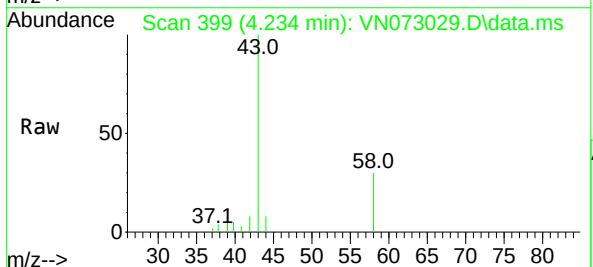
Instrument :
MSVOA_N
ClientSampleId :
PZ-10

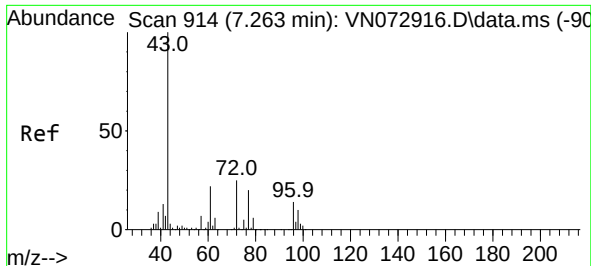
Tgt Ion:168 Resp: 285551
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5



#16
Acetone
Concen: 19.123 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

Tgt Ion: 43 Resp: 40581
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0





#25

2-Butanone

Concen: 2.122 ug/l

RT: 7.281 min Scan# 914

Delta R.T. 0.018 min

Lab File: VN073029.D

Acq: 22 Jun 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

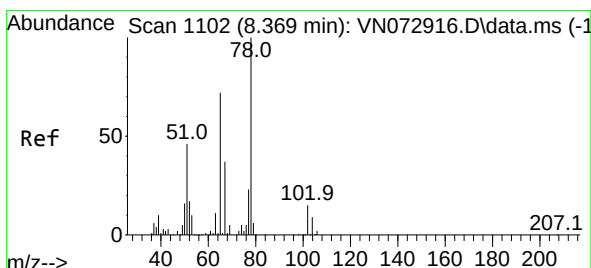
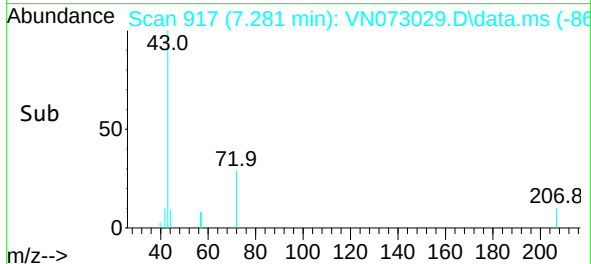
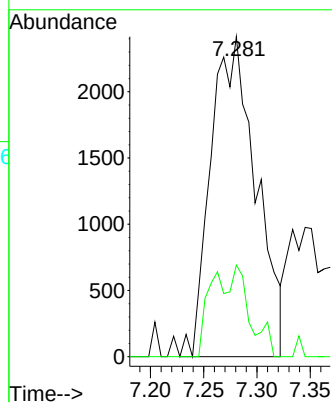
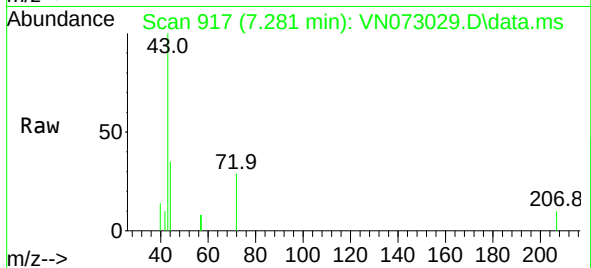
PZ-10

Tgt Ion: 43 Resp: 7147

Ion Ratio Lower Upper

43 100

72 28.7 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 44.826 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073029.D

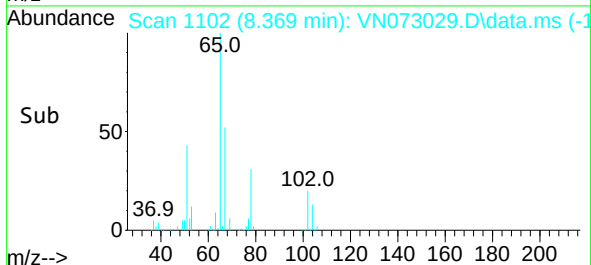
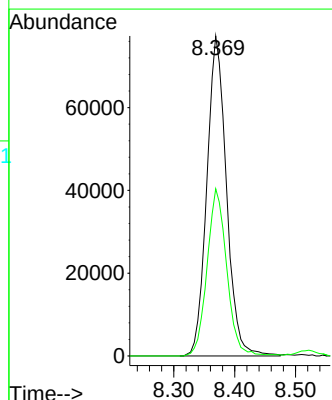
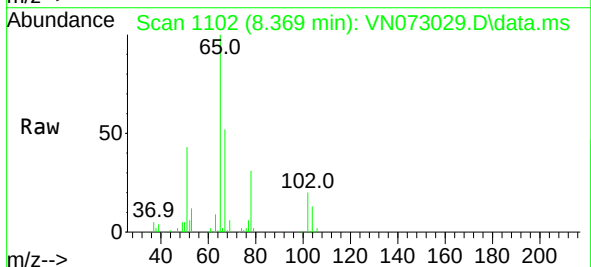
Acq: 22 Jun 2022 16:54

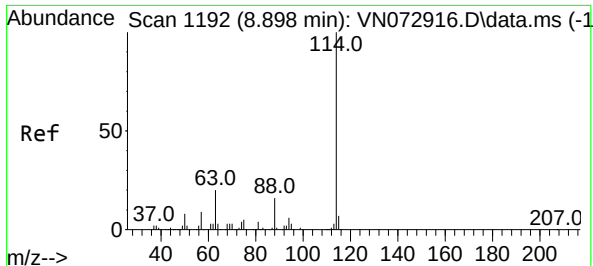
Tgt Ion: 65 Resp: 173055

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073029.D

Acq: 22 Jun 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

PZ-10

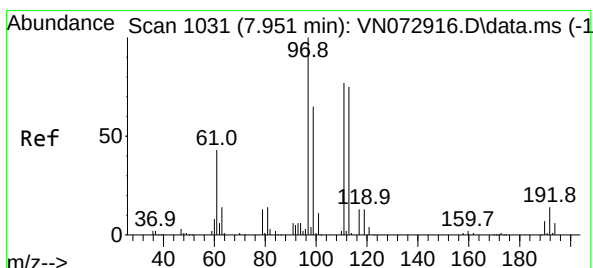
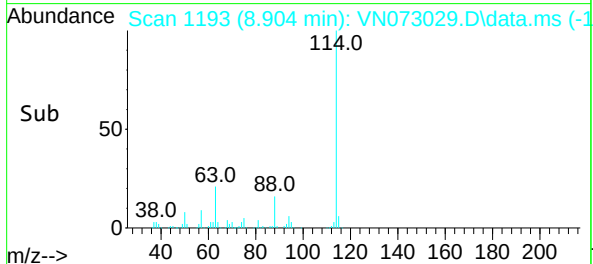
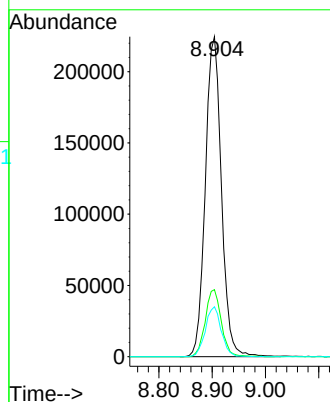
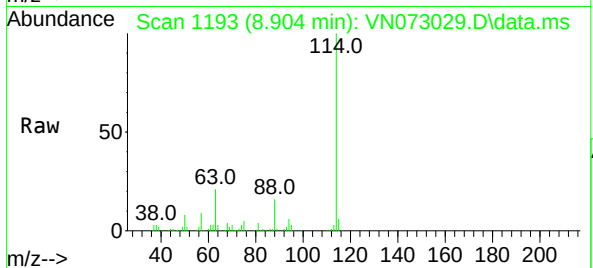
Tgt Ion:114 Resp: 470663

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.697 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073029.D

Acq: 22 Jun 2022 16:54

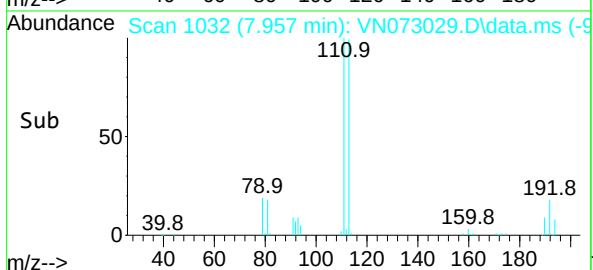
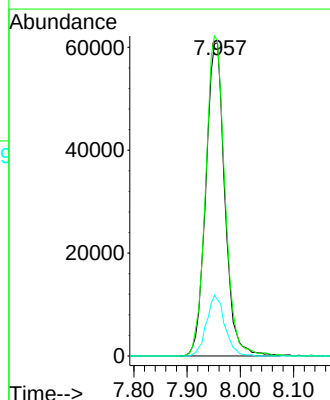
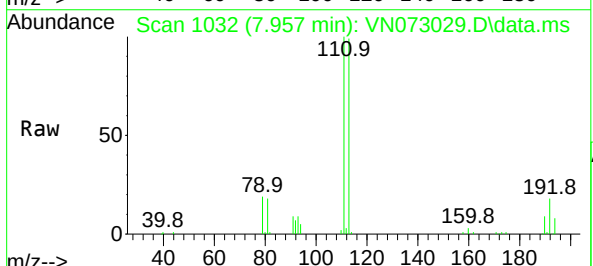
Tgt Ion:113 Resp: 150392

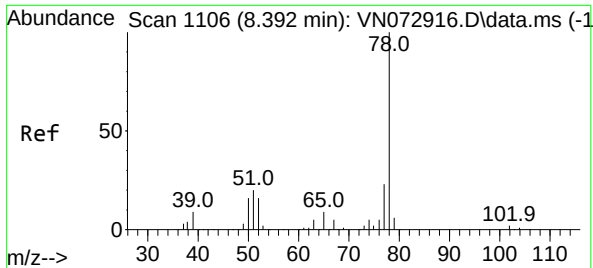
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.7 17.0 25.6

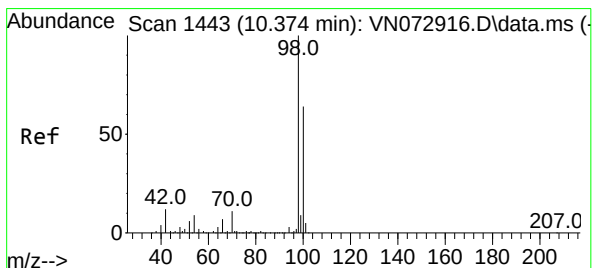
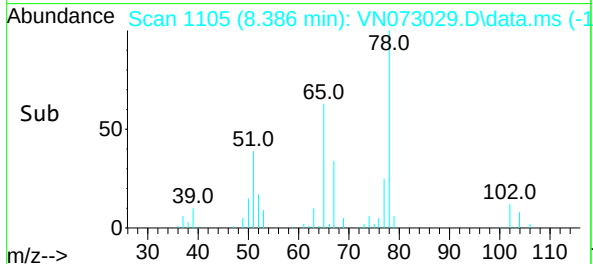
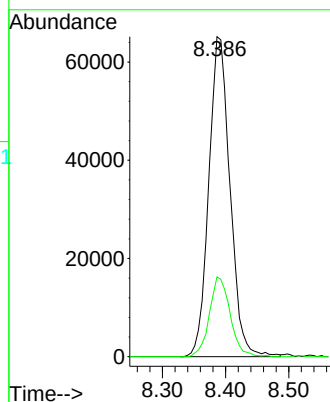
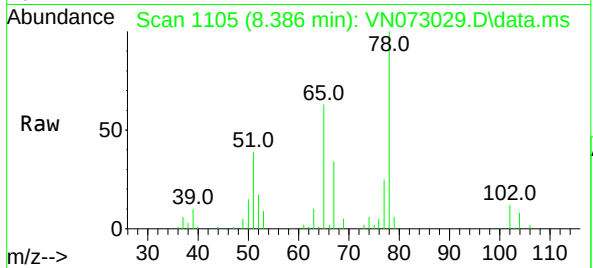




#40
Benzene
Concen: 12.288 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

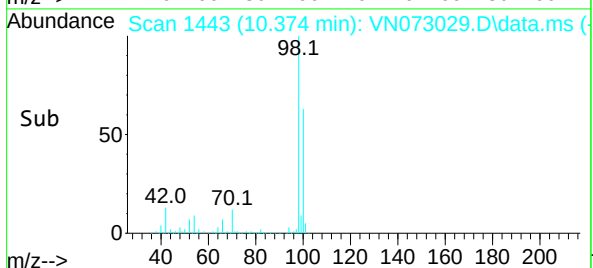
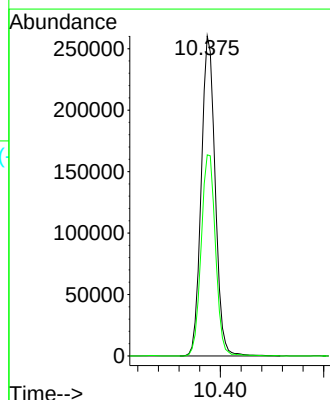
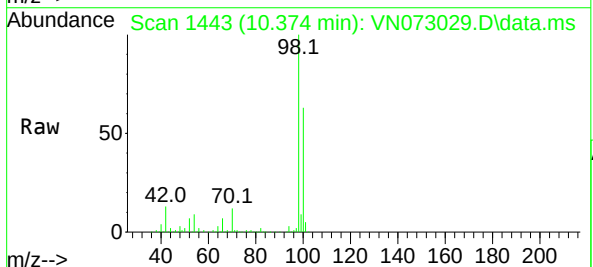
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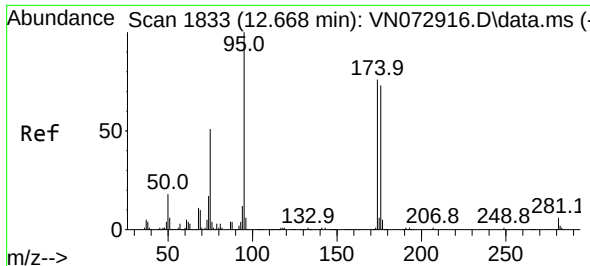
Tgt Ion: 78 Resp: 152020
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0



#50
Toluene-d8
Concen: 44.915 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

Tgt Ion: 98 Resp: 486201
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

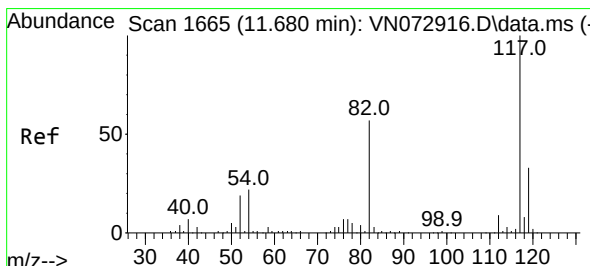
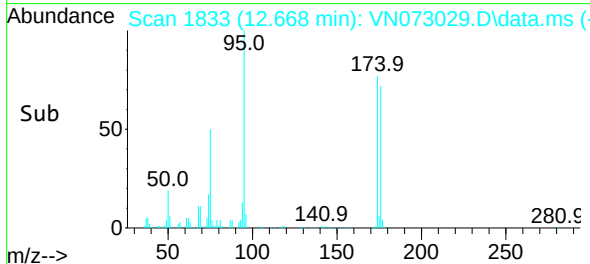
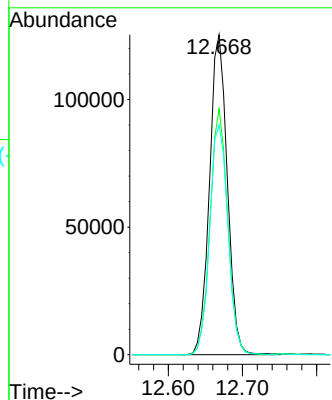
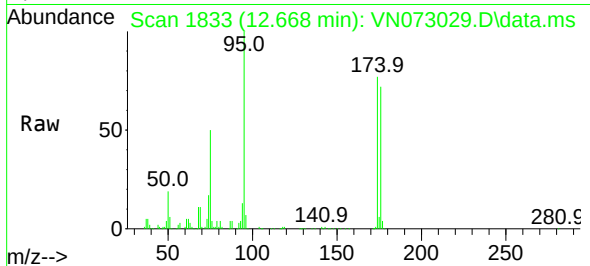




#62
4-Bromofluorobenzene
Concen: 53.785 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

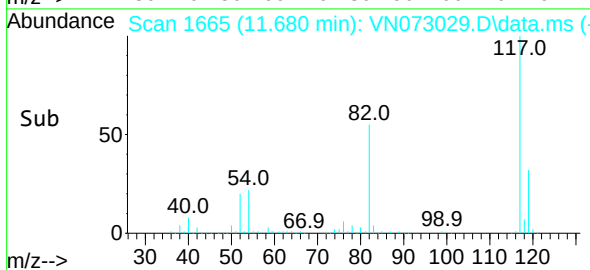
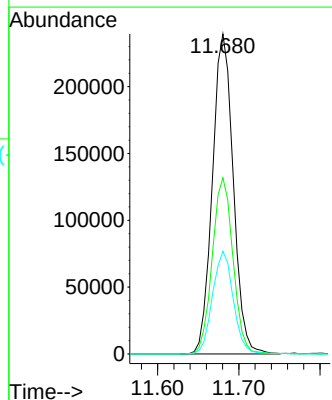
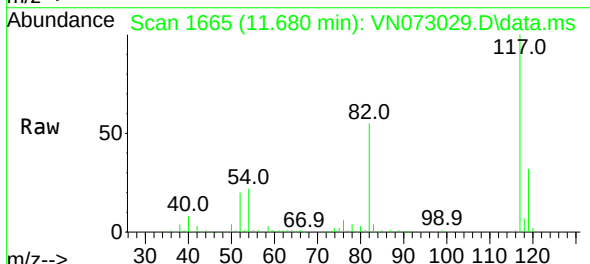
Instrument :
MSVOA_N
ClientSampleId :
PZ-10

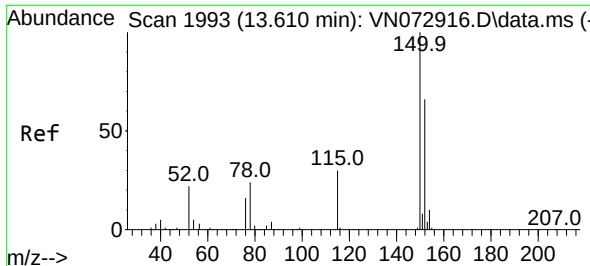
Tgt Ion: 95 Resp: 209356
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 73.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073029.D
Acq: 22 Jun 2022 16:54

Tgt Ion: 117 Resp: 427703
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.4 38.0

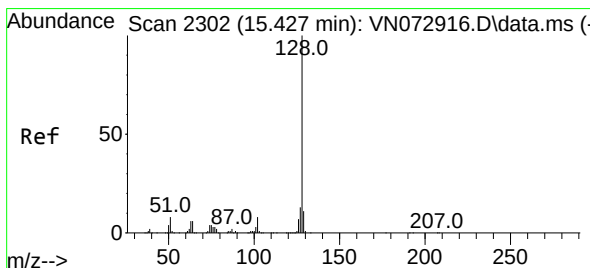
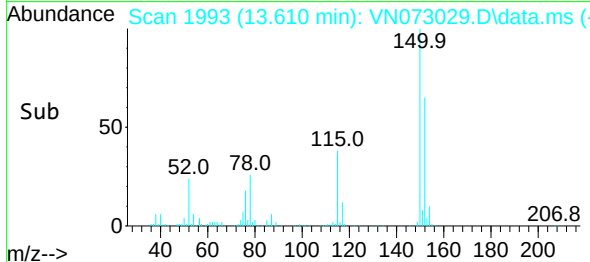
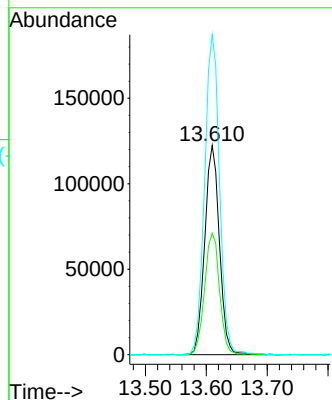
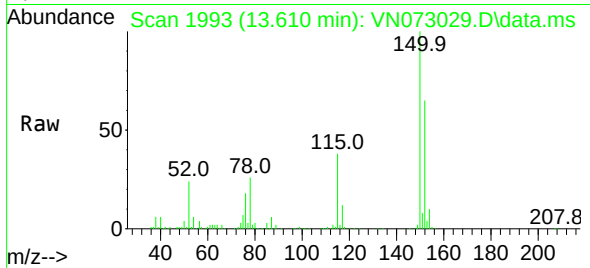




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073029.D
 Acq: 22 Jun 2022 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-10

Tgt Ion:152 Resp: 205177
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.9 86.7
 150 155.1 0.0 356.2



#95
 Naphthalene
 Concen: 0.852 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN073029.D
 Acq: 22 Jun 2022 16:54

Tgt Ion:128 Resp: 13512
 Ion Ratio Lower Upper
 128 100
 127 5.6 10.3 15.5#
 129 10.8 8.6 13.0

