

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073091.D
 Acq On : 24 Jun 2022 18:36
 Operator : JC\MD
 Sample : N3455-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-2

Quant Time: Jun 24 23:40:39 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)

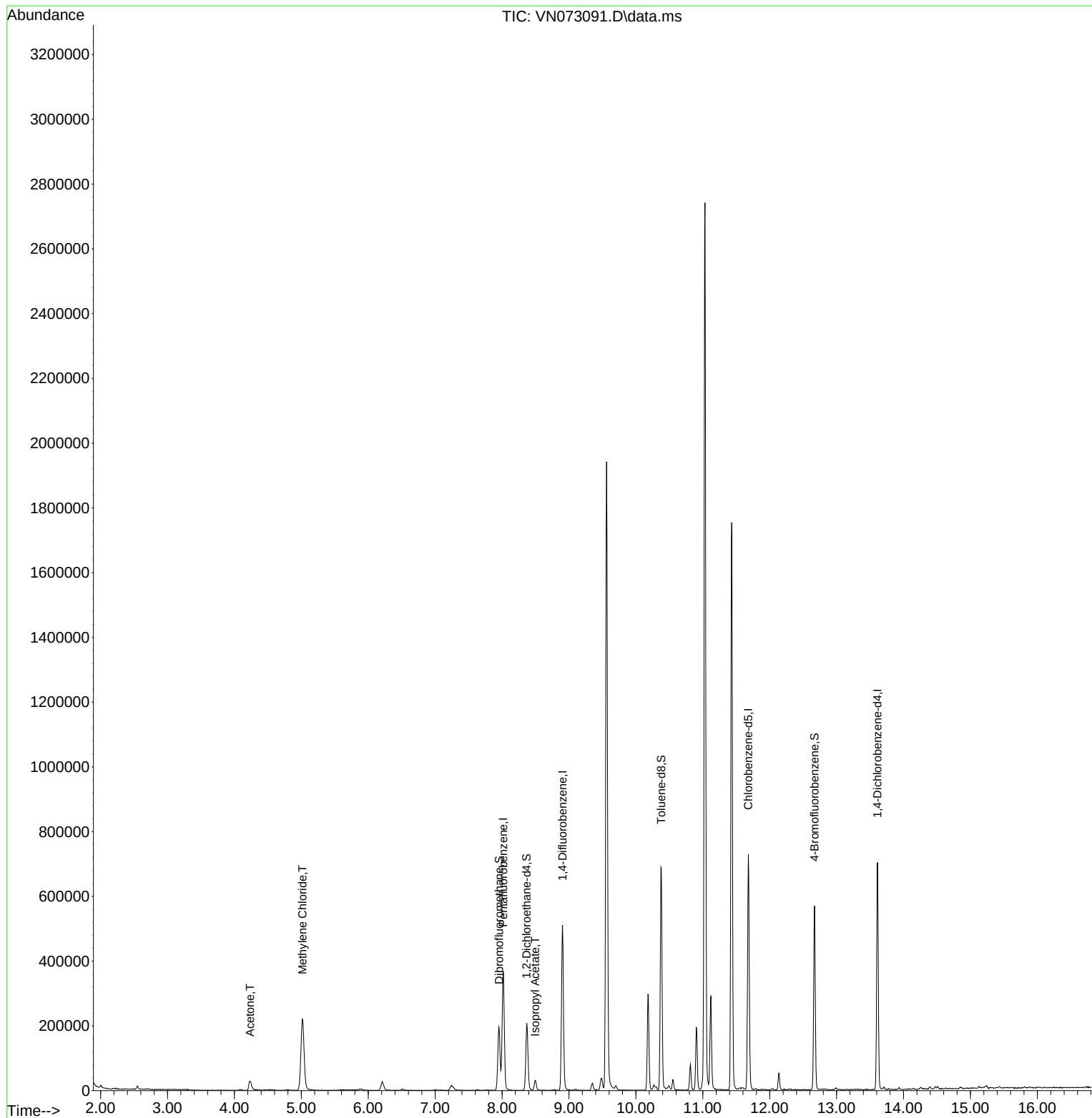
Internal Standards						
1) Pentafluorobenzene	8.016	168	277149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	444297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	406662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169957	45.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.720%
35) Dibromofluoromethane	7.957	113	144427	52.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	10.380	98	472854	46.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.669	95	193081	52.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	56650	27.504	ug/l	93
20) Methylene Chloride	5.016	84	179309	56.156	ug/l	91
43) Isopropyl Acetate	8.492	43	36820	4.334	ug/l #	88

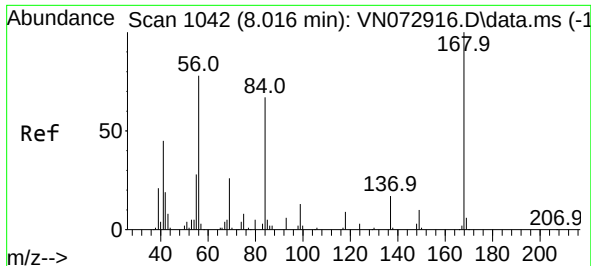
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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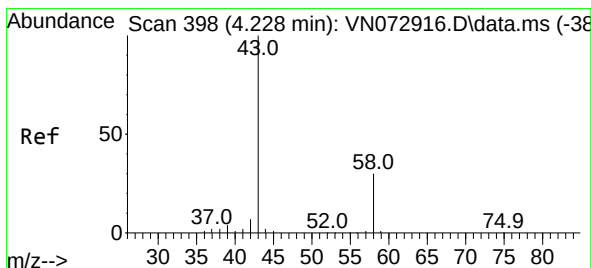
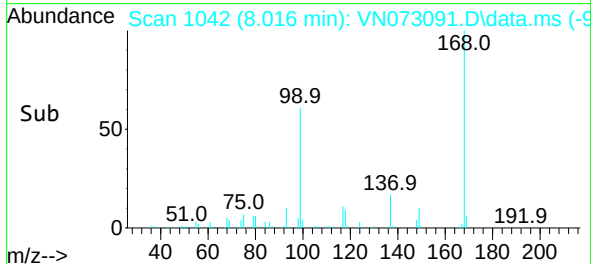
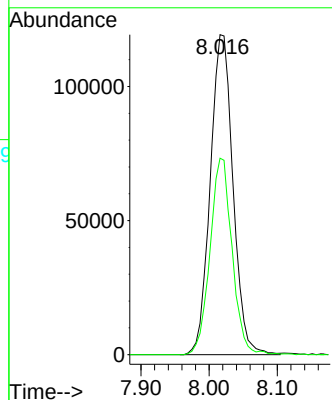
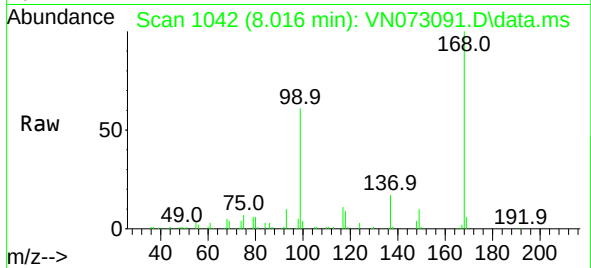




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

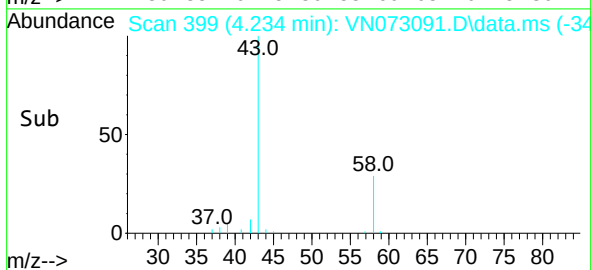
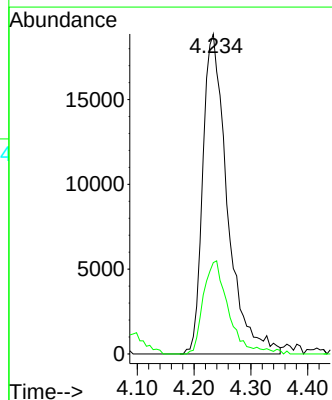
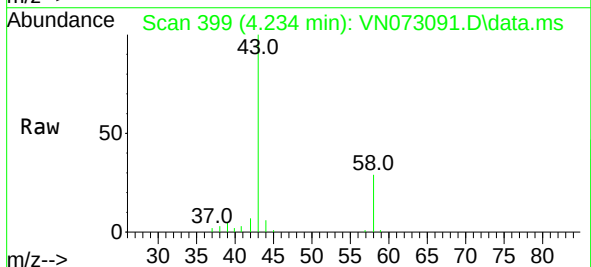
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

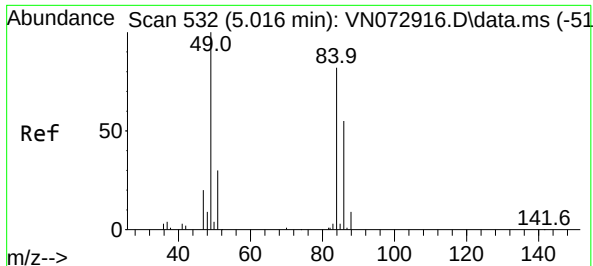
Tgt Ion:168 Resp: 277149
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#16
Acetone
Concen: 27.504 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

Tgt Ion: 43 Resp: 56650
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0





#20

Methylene Chloride

Concen: 56.156 ug/l

RT: 5.016 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN073091.D

Acq: 24 Jun 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

Tgt Ion: 84 Resp: 179309

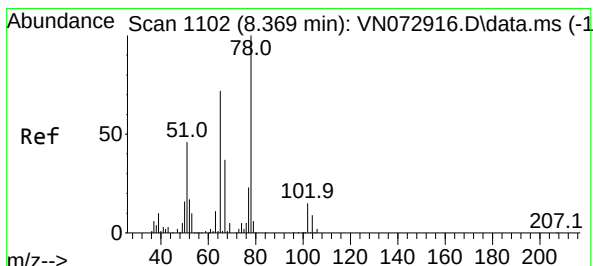
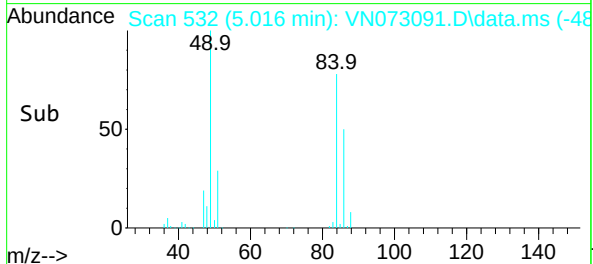
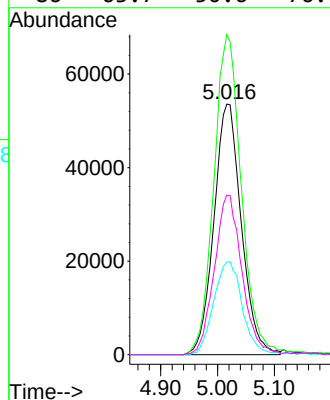
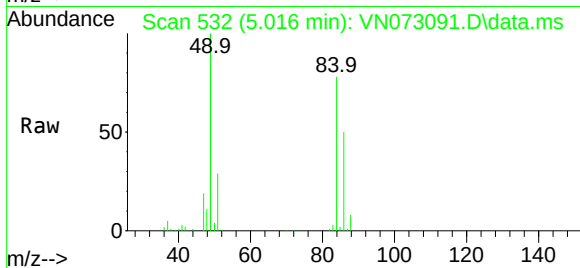
Ion Ratio Lower Upper

84 100

49 127.7 88.3 132.5

51 36.9 28.2 42.2

86 63.7 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 45.358 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073091.D

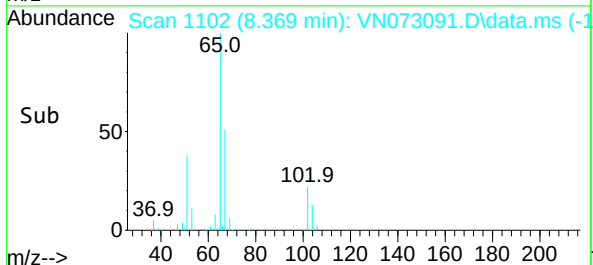
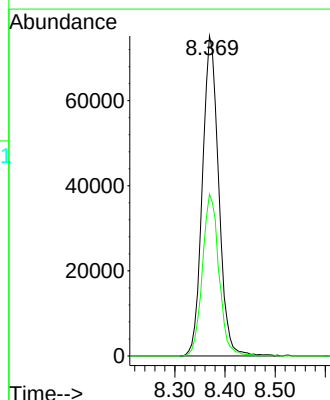
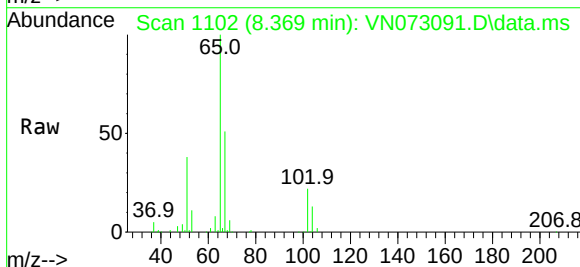
Acq: 24 Jun 2022 18:36

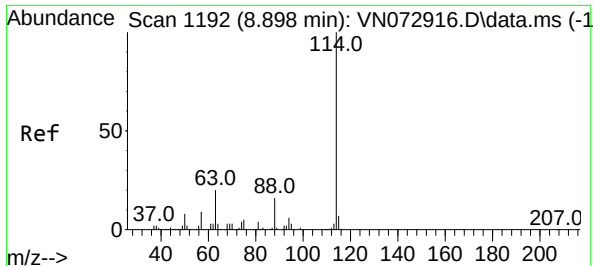
Tgt Ion: 65 Resp: 169957

Ion Ratio Lower Upper

65 100

67 51.2 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: VN073091.D

Acq: 24 Jun 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

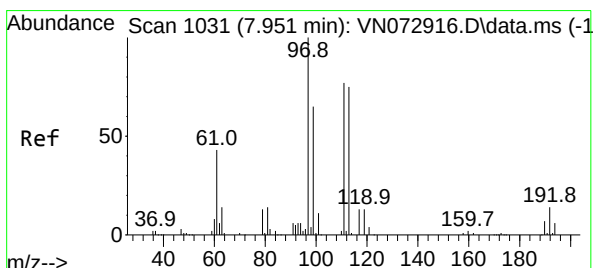
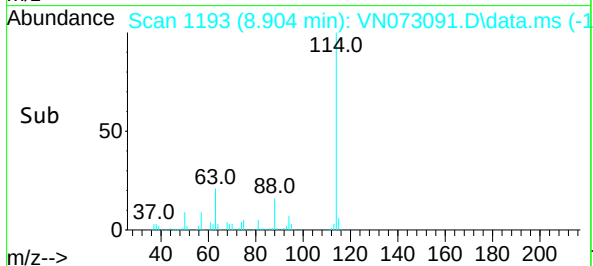
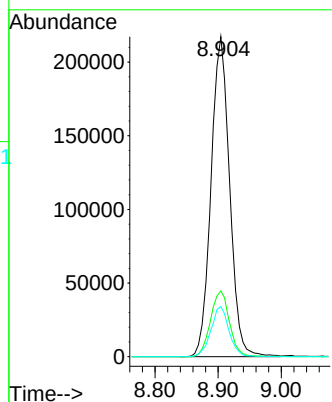
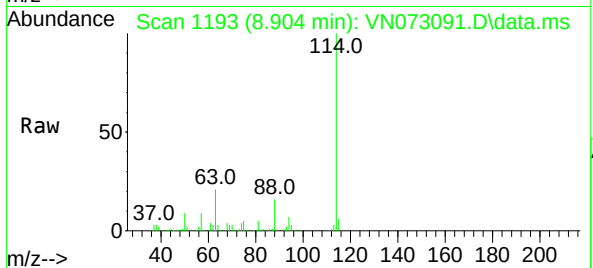
Tgt Ion:114 Resp: 444297

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.592 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073091.D

Acq: 24 Jun 2022 18:36

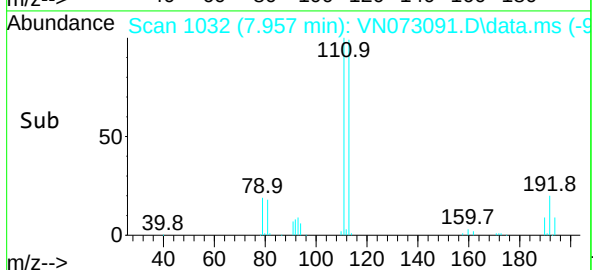
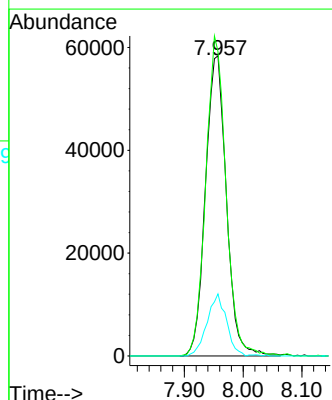
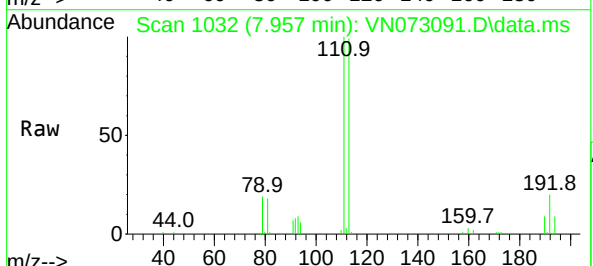
Tgt Ion:113 Resp: 144427

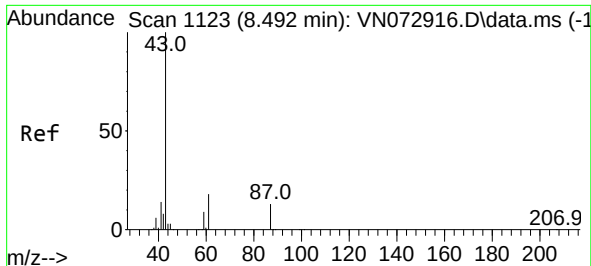
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.2 17.0 25.6

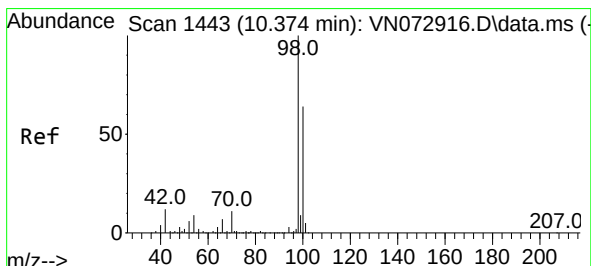
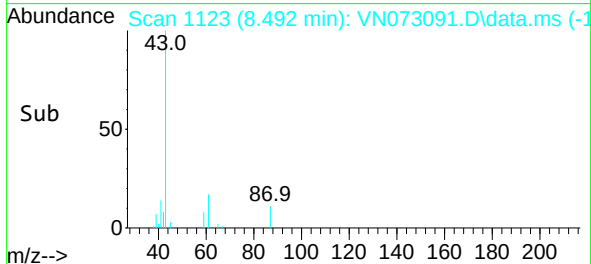
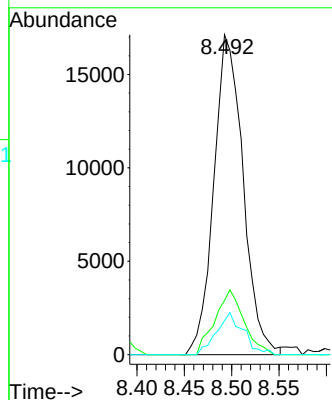
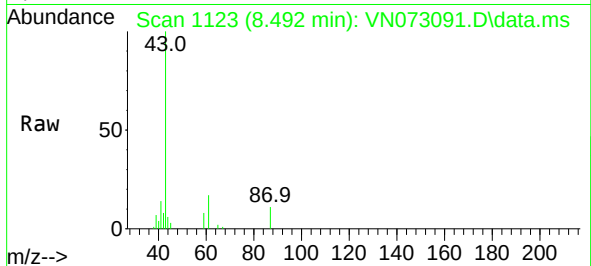




#43
Isopropyl Acetate
Concen: 4.334 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

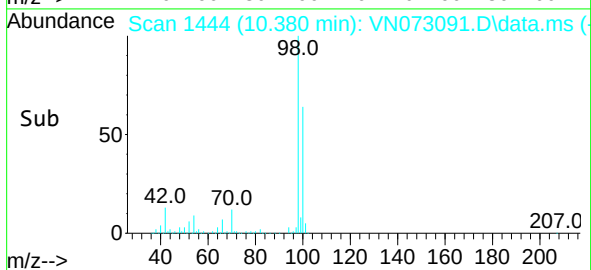
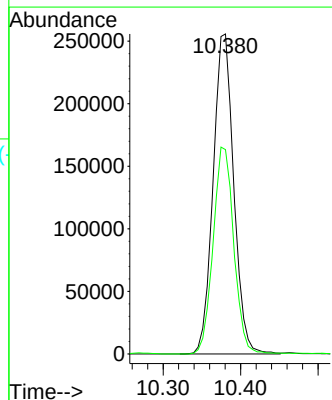
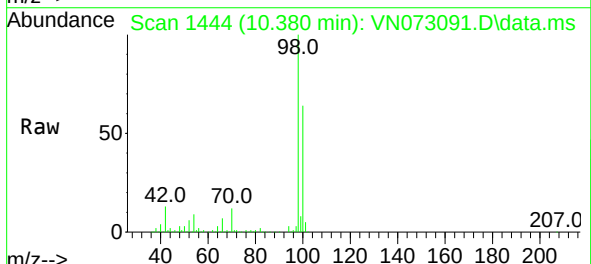
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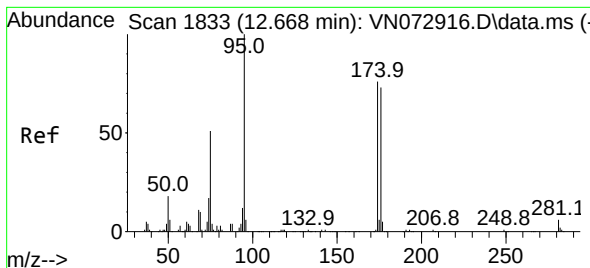
Tgt Ion: 43 Resp: 36820
Ion Ratio Lower Upper
43 100
61 20.1 21.9 32.9#
87 12.1 12.0 18.0



#50
Toluene-d8
Concen: 46.274 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

Tgt Ion: 98 Resp: 472854
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

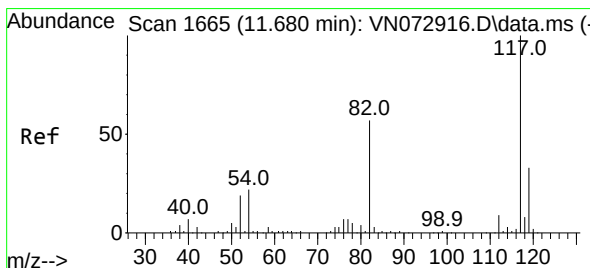
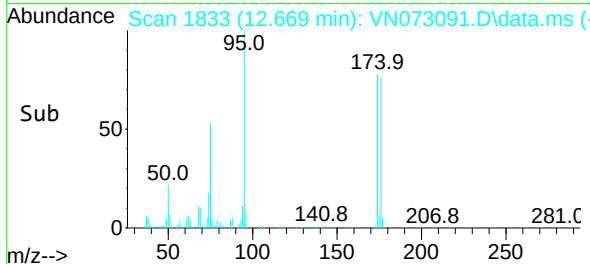
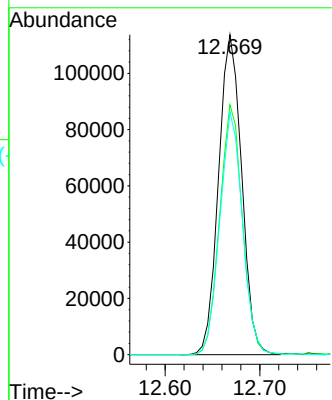
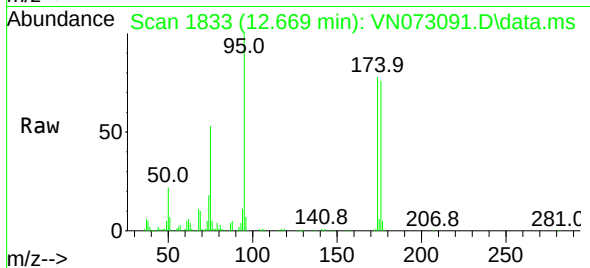




#62
4-Bromofluorobenzene
Concen: 52.547 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

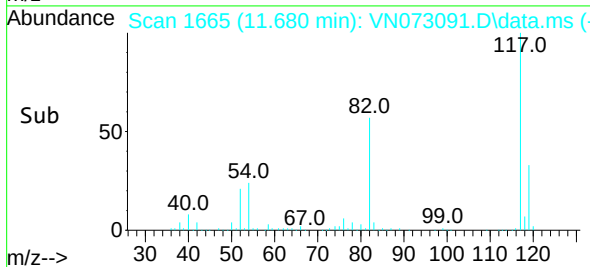
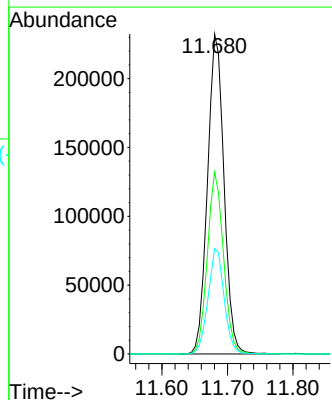
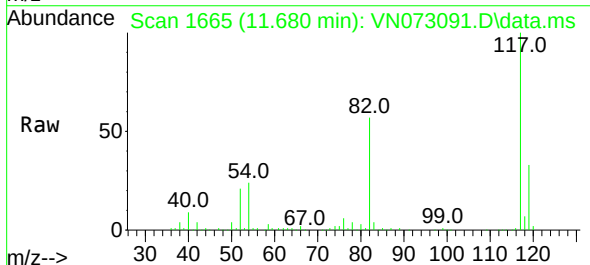
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

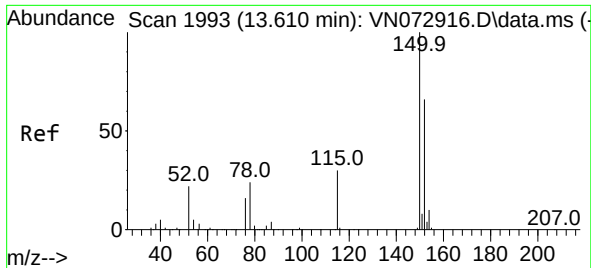
Tgt Ion: 95 Resp: 193081
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 74.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073091.D
Acq: 24 Jun 2022 18:36

Tgt Ion: 117 Resp: 406662
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 32.9 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: VN073091.D
 Acq: 24 Jun 2022 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-2

Tgt Ion:152 Resp: 186767
 Ion Ratio Lower Upper
 152 100
 115 60.7 28.9 86.7
 150 158.1 0.0 356.2

