

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073115.D
 Acq On : 25 Jun 2022 17:07
 Operator : JC\MD
 Sample : N3455-11
 Misc : 4.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 27 03:43:46 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)

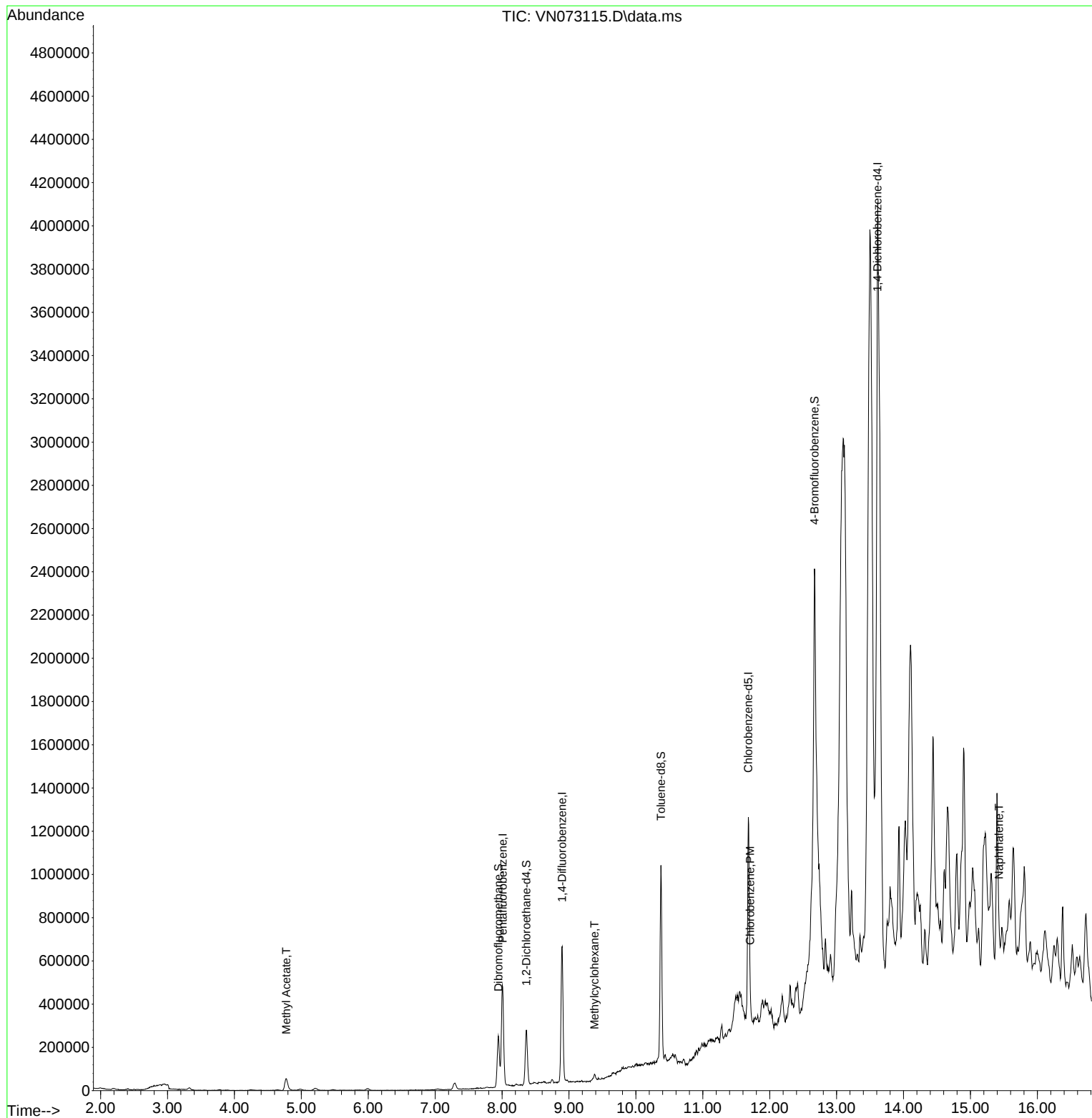
Internal Standards						
1) Pentafluorobenzene	8.010	168	370555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	578352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	575016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	633083	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	207538	41.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.860%
35) Dibromofluoromethane	7.945	113	175123	48.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.375	98	626534	47.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.669	95	311187	65.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.120%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	119276	16.265	ug/l	91
39) Methylcyclohexane	9.381	83	13351	2.290	ug/l	92
65) Chlorobenzene	11.710	112	62022	5.523	ug/l	98
95) Naphthalene	15.427	128	91430	1.869	ug/l	# 76

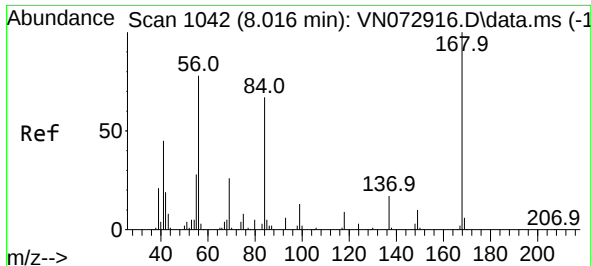
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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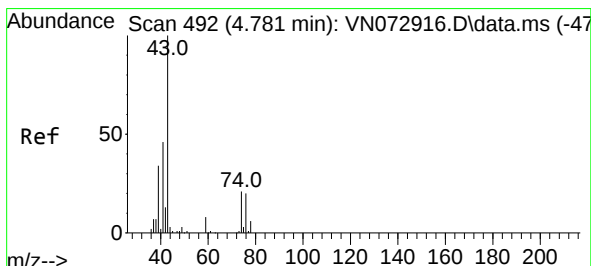
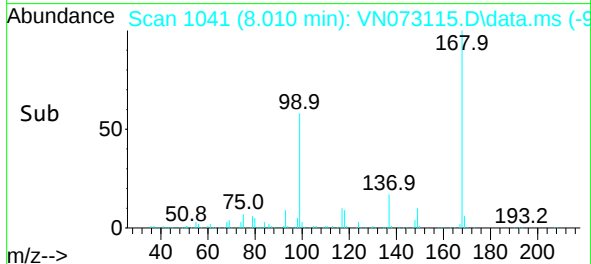
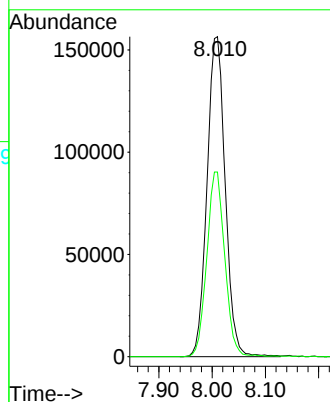
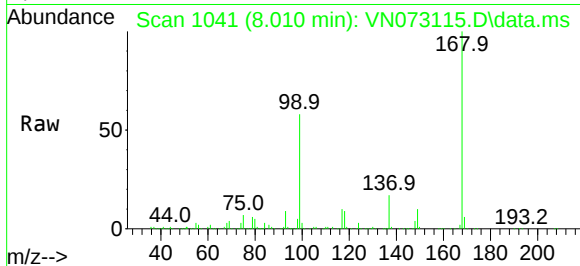




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

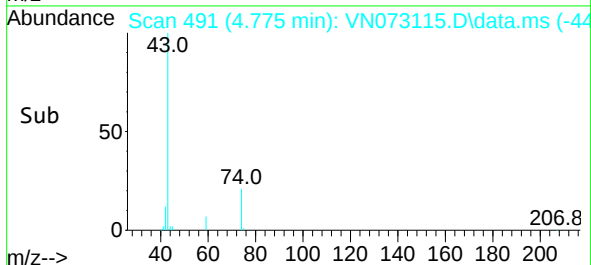
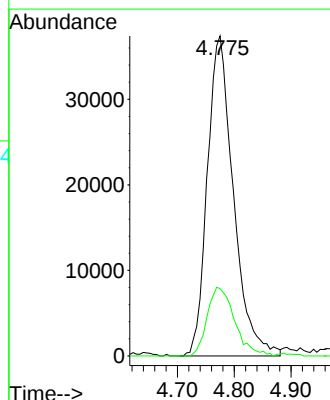
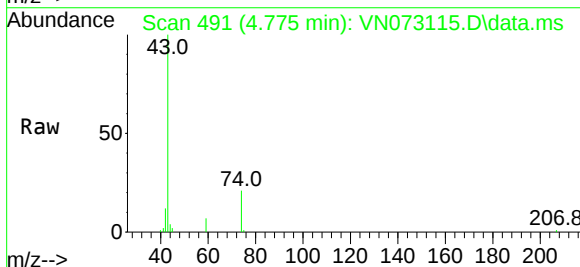
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

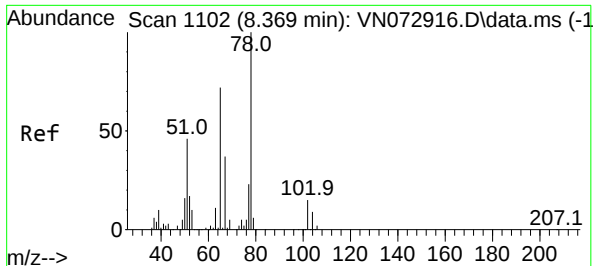
Tgt Ion:168 Resp: 370555
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#18
Methyl Acetate
Concen: 16.265 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 43 Resp: 119276
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: 41.426 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

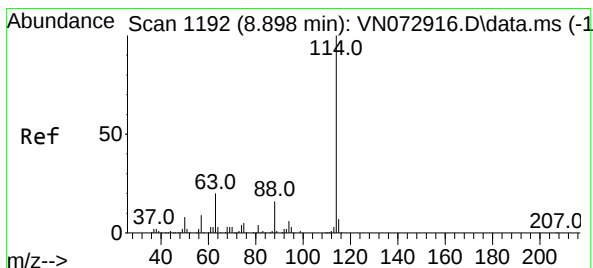
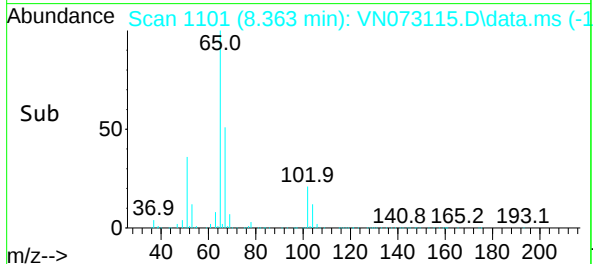
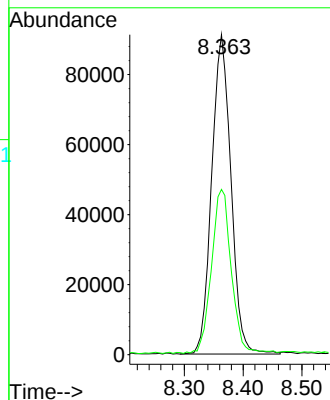
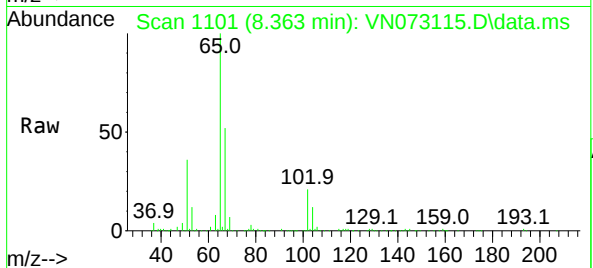
SP-EXC-2-2

Tgt Ion: 65 Resp: 207538

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

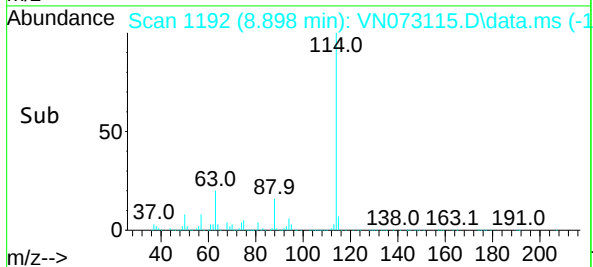
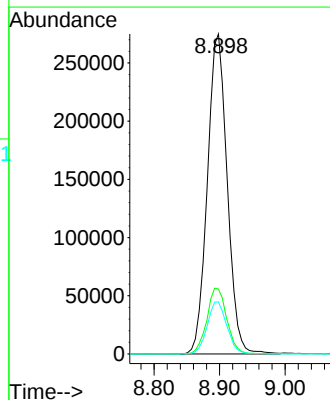
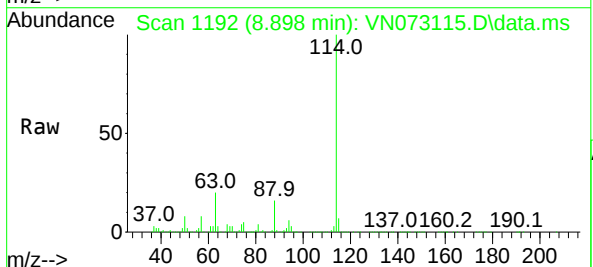
Tgt Ion: 114 Resp: 578352

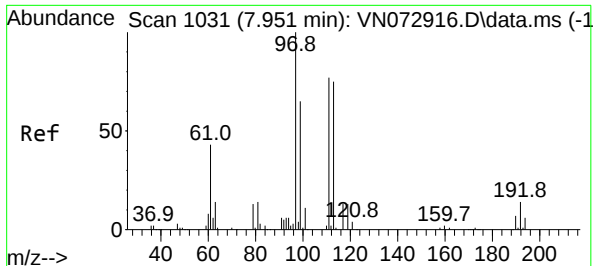
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.989 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

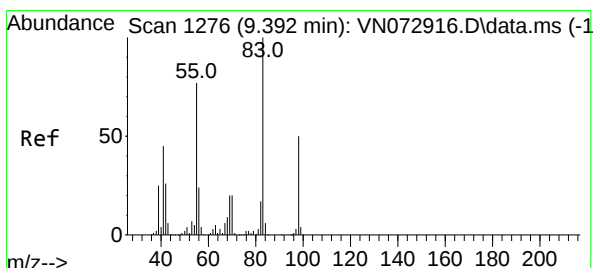
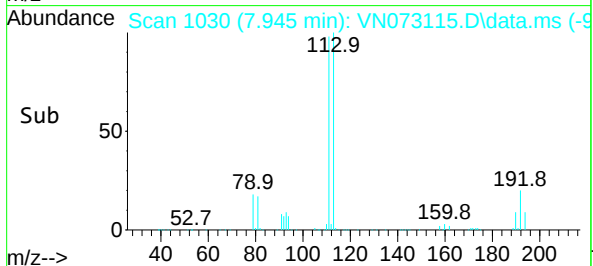
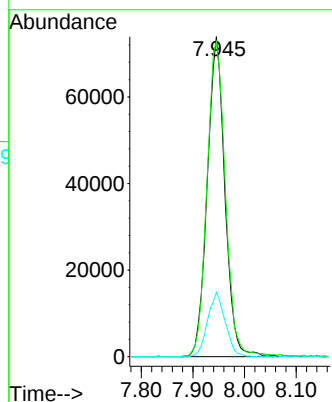
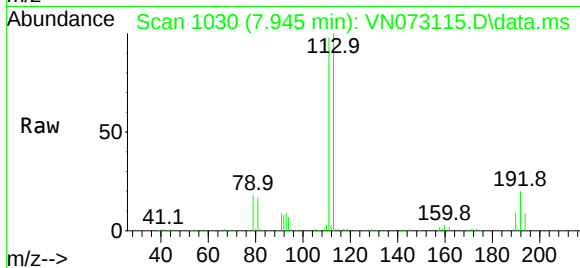
Tgt Ion:113 Resp: 175123

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 20.0 17.0 25.6



#39

Methylcyclohexane

Concen: 2.290 ug/l

RT: 9.381 min Scan# 1274

Delta R.T. -0.012 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

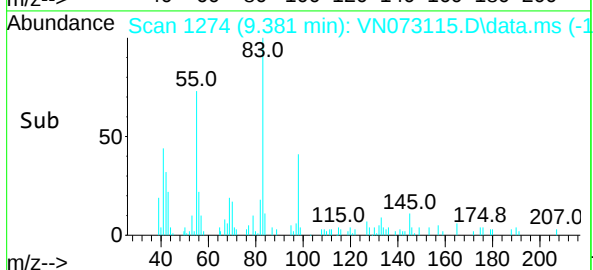
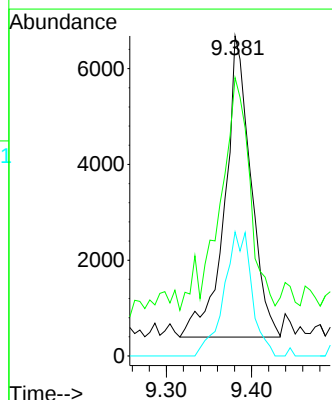
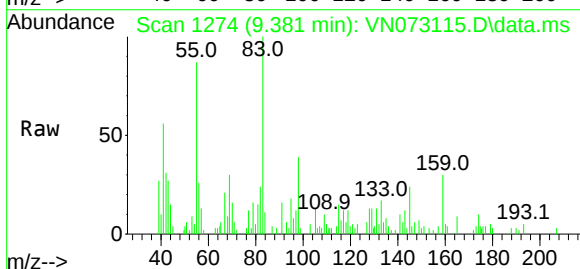
Tgt Ion: 83 Resp: 13351

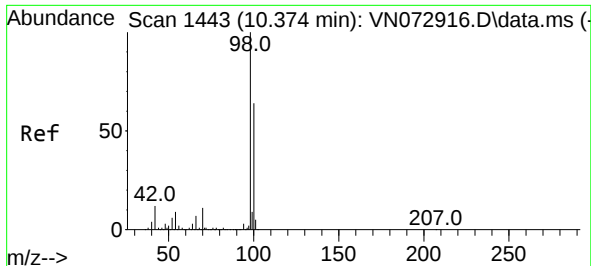
Ion Ratio Lower Upper

83 100

55 77.3 57.8 86.8

98 41.2 39.4 59.2

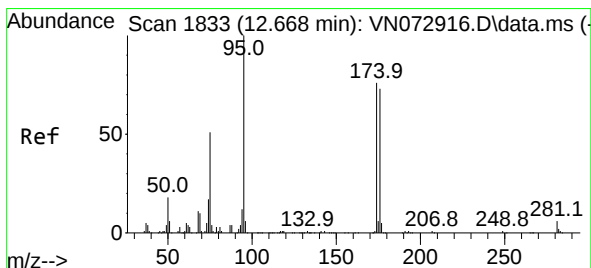
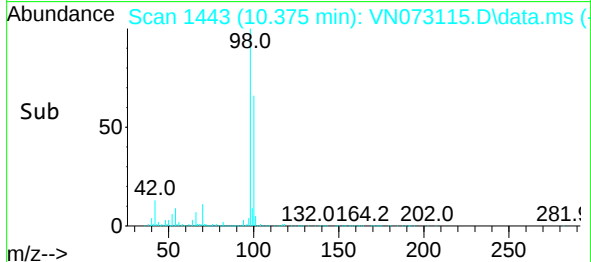
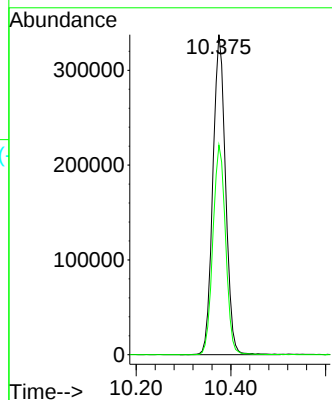
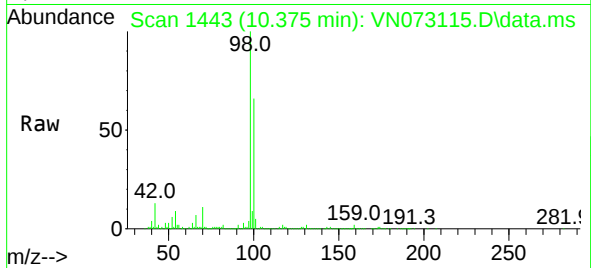




#50
Toluene-d8
Concen: 47.102 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

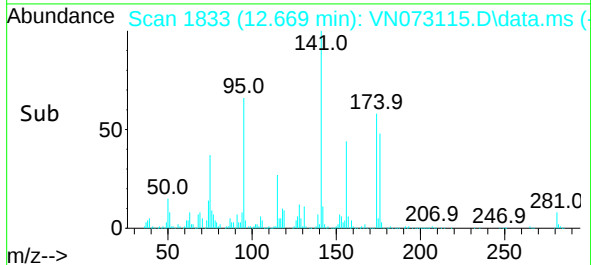
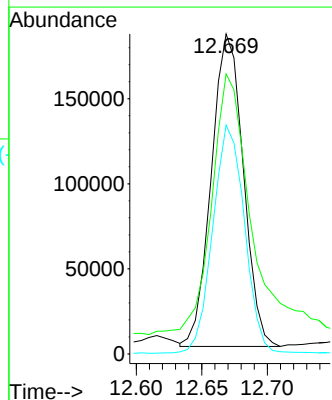
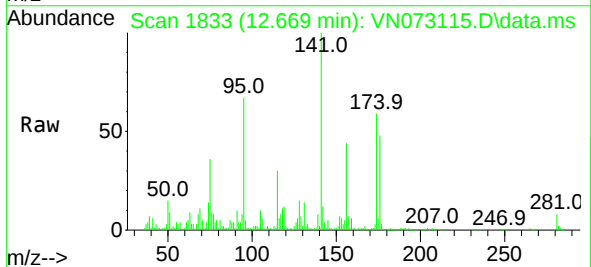
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-2

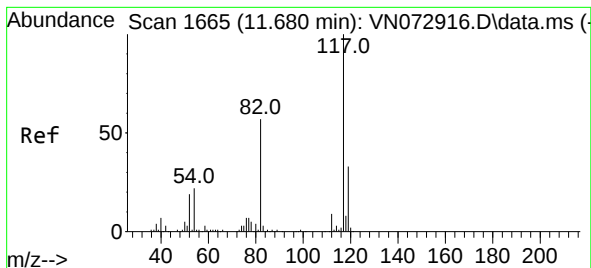
Tgt Ion: 98 Resp: 626534
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 65.060 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073115.D
Acq: 25 Jun 2022 17:07

Tgt Ion: 95 Resp: 311187
Ion Ratio Lower Upper
95 100
174 141.3 0.0 167.6
176 73.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

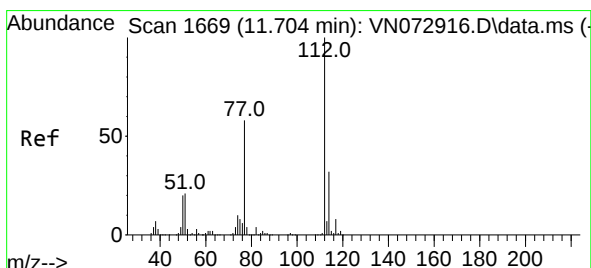
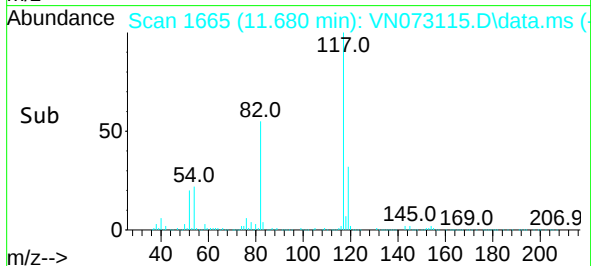
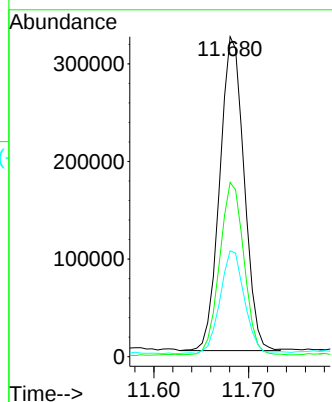
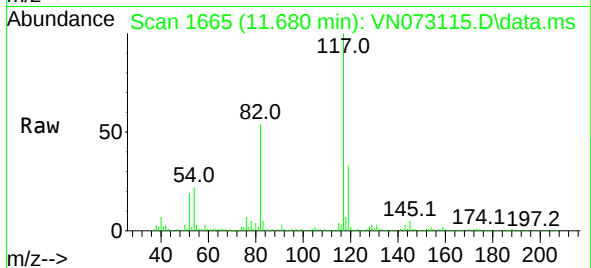
Tgt Ion:117 Resp: 575016

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

119 32.7 25.4 38.0



#65

Chlorobenzene

Concen: 5.523 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073115.D

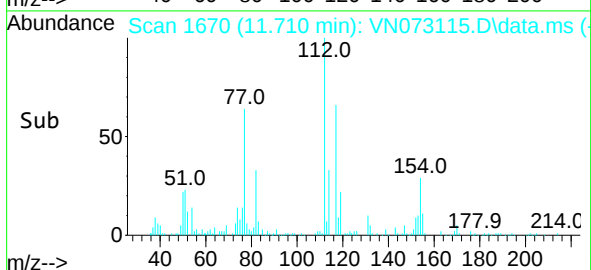
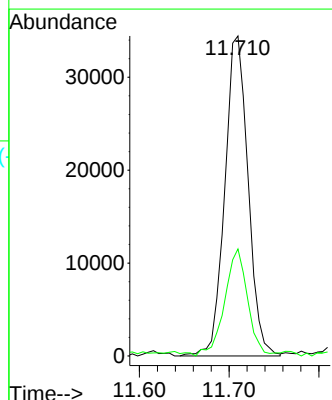
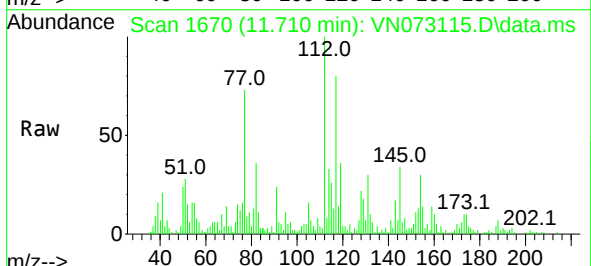
Acq: 25 Jun 2022 17:07

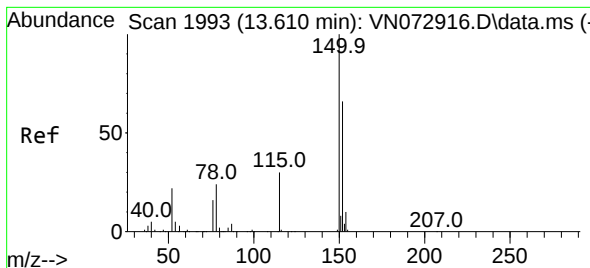
Tgt Ion:112 Resp: 62022

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-2

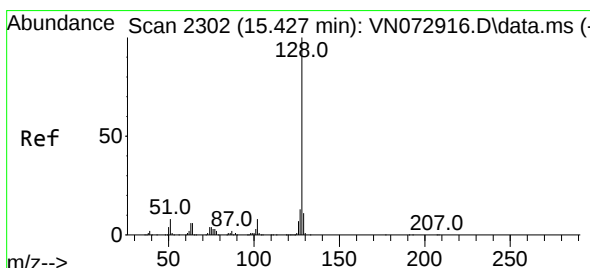
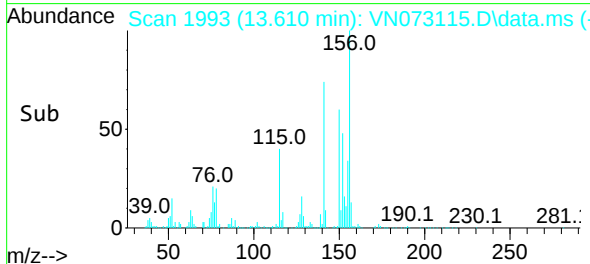
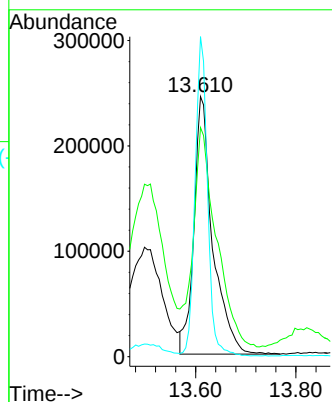
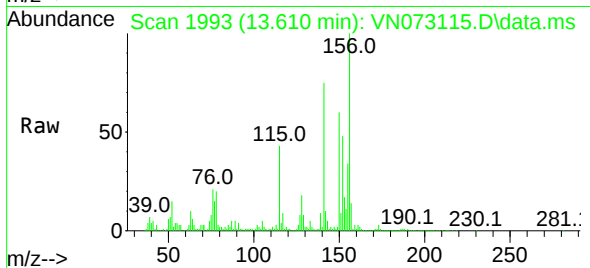
Tgt Ion:152 Resp: 633083

Ion Ratio Lower Upper

152 100

115 105.1 28.9 86.7#

150 82.4 0.0 356.2



#95

Naphthalene

Concen: 1.869 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN073115.D

Acq: 25 Jun 2022 17:07

Tgt Ion:128 Resp: 91430

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 16.1 8.6 13.0#

