

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072897.D
 Acq On : 16 Jun 2022 22:52
 Operator : JC\MD
 Sample : N3202-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Quant Time: Jun 17 06:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

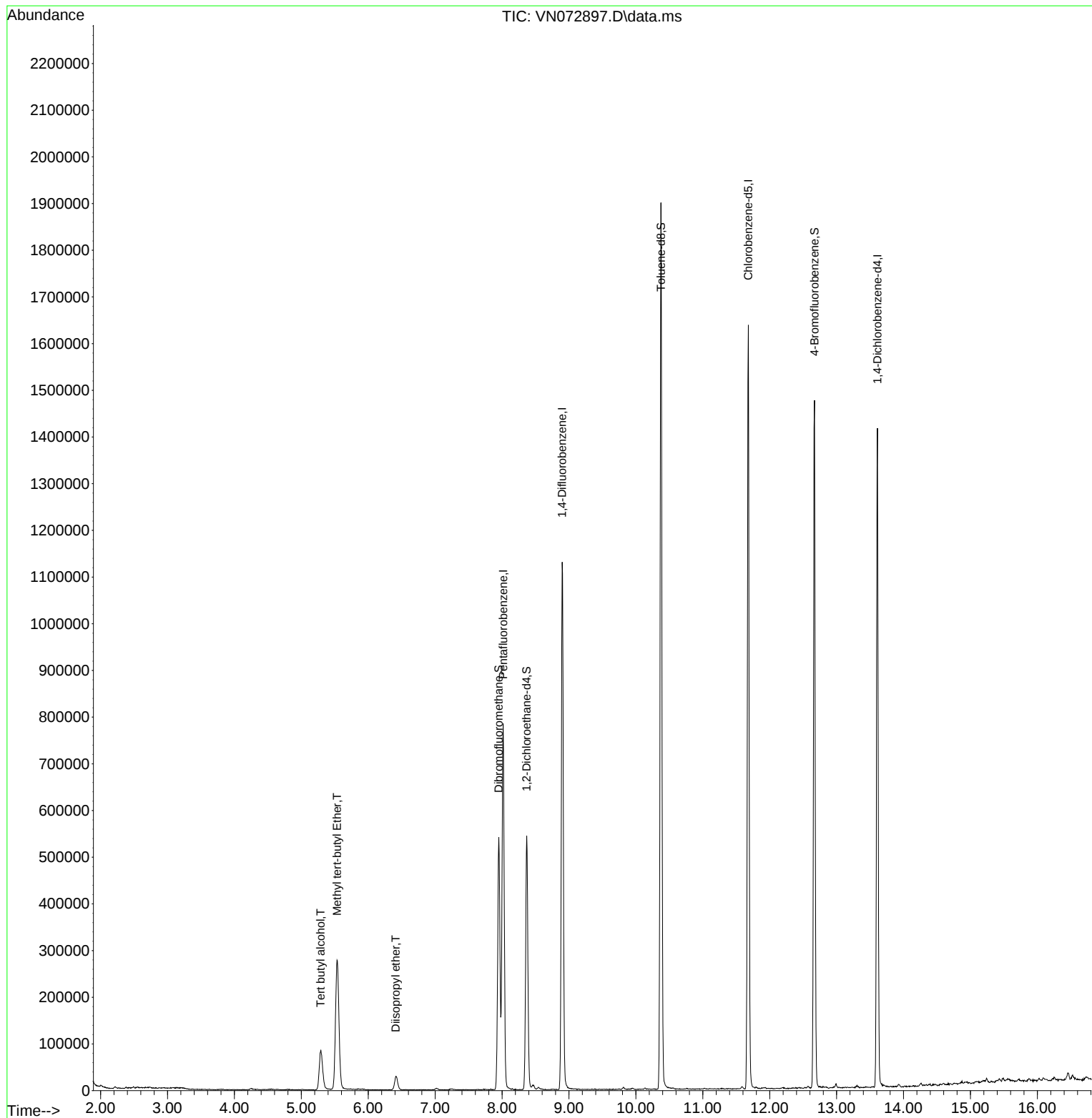
Internal Standards						
1) Pentafluorobenzene	8.016	168	612341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1036031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	967859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	402548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	457888	40.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	80.940%
35) Dibromofluoromethane	7.951	113	399955	42.499	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.000%
50) Toluene-d8	10.375	98	1314435	35.683	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	71.360%
62) 4-Bromofluorobenzene	12.669	95	530052	41.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	82.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	166566	56.547	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	480851	15.391	ug/l	100
22) Diisopropyl ether	6.410	45	38964	1.218	ug/l	95

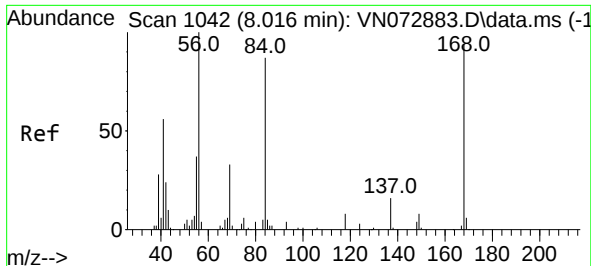
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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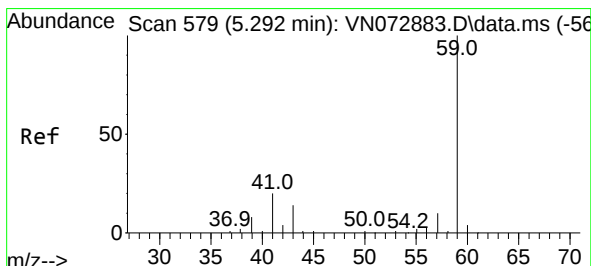
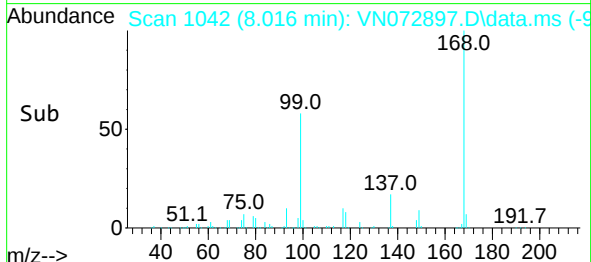
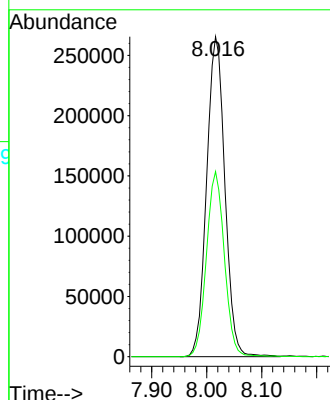
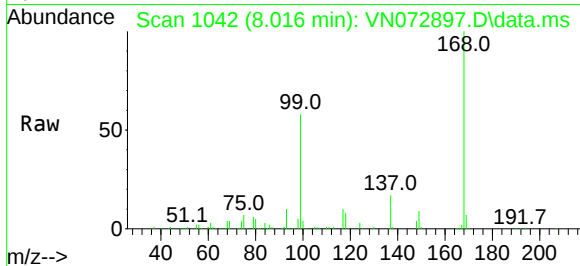




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

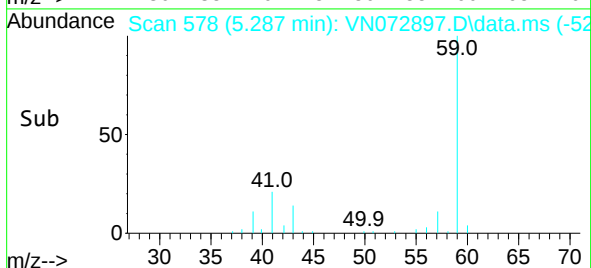
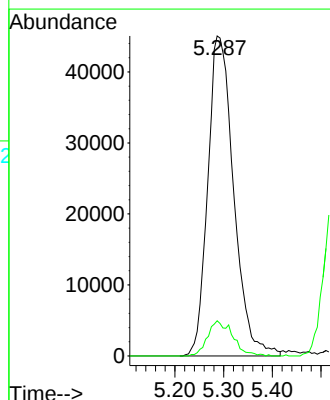
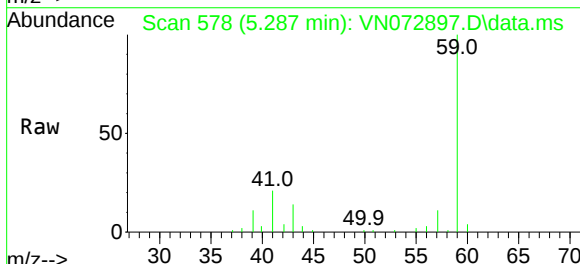
Instrument :
MSVOA_N
ClientSampleId :
MW-25

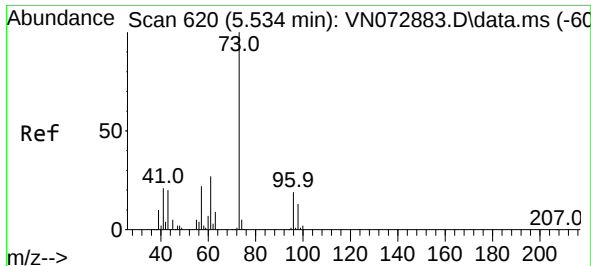
Tgt Ion:168 Resp: 612341
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 56.547 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.006 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 59 Resp: 166566
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

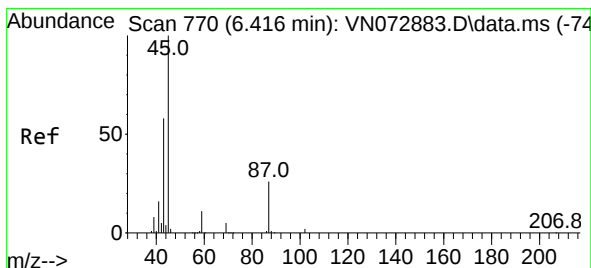
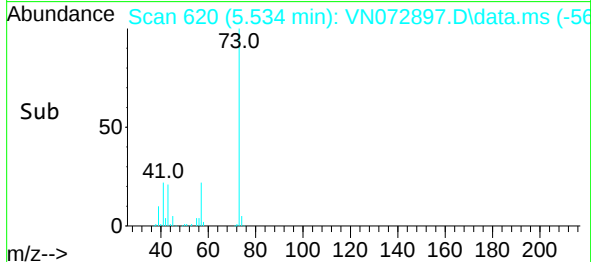
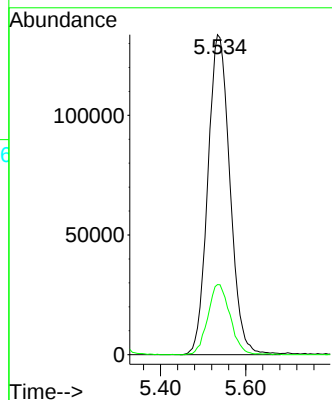
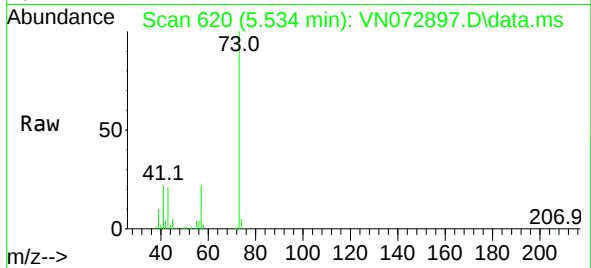




#19
Methyl tert-butyl Ether
Concen: 15.391 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

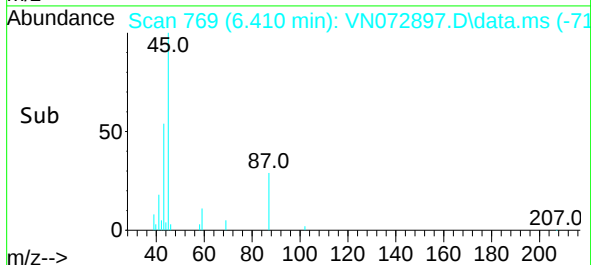
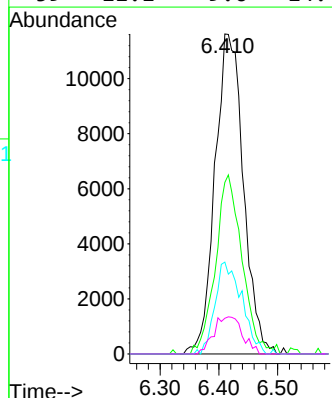
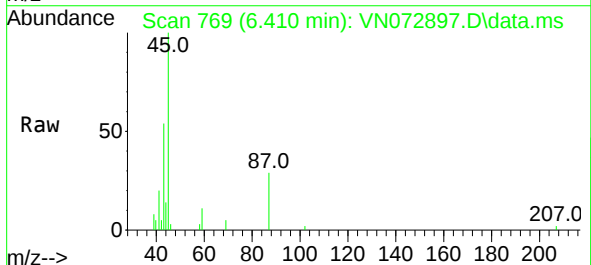
Instrument :
MSVOA_N
ClientSampleId :
MW-25

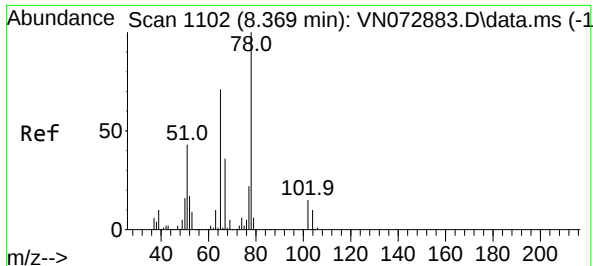
Tgt Ion: 73 Resp: 480851
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#22
Diisopropyl ether
Concen: 1.218 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 45 Resp: 38964
Ion Ratio Lower Upper
45 100
43 53.6 46.6 70.0
87 28.7 24.3 36.5
59 11.1 9.6 14.4





#33

1,2-Dichloroethane-d4

Concen: 40.474 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

ClientSampleId :

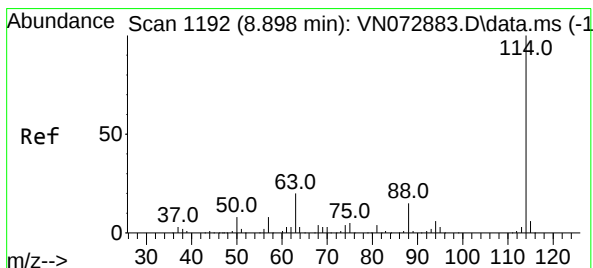
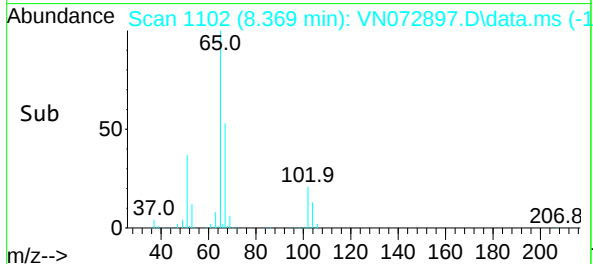
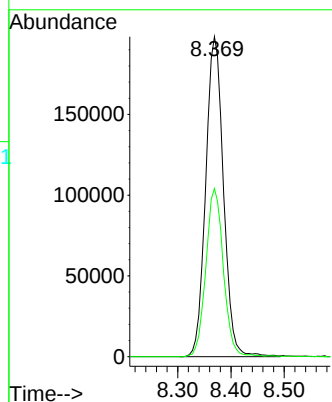
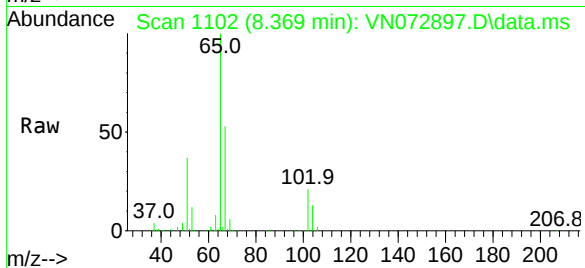
MW-25

Tgt Ion: 65 Resp: 457888

Ion Ratio Lower Upper

65 100

67 51.8 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: VN072897.D

Acq: 16 Jun 2022 22:52

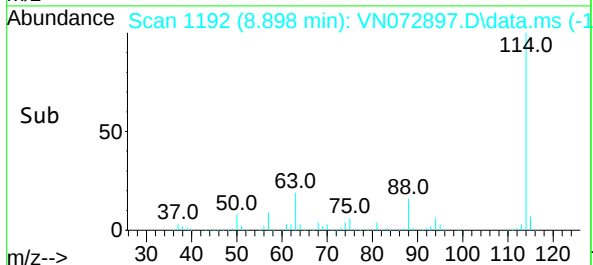
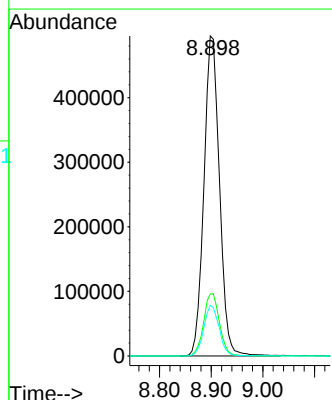
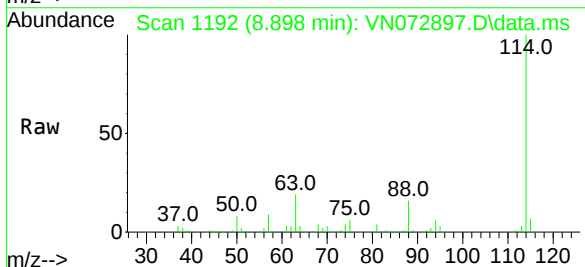
Tgt Ion: 114 Resp: 1036031

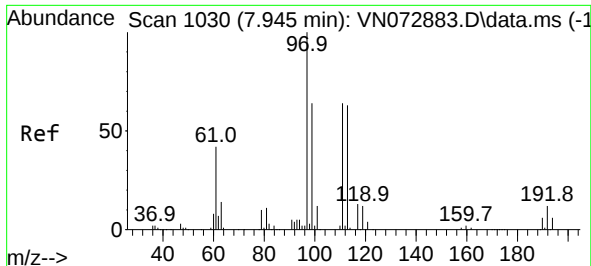
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.499 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072897.D

Acq: 16 Jun 2022 22:52

Instrument :

MSVOA_N

ClientSampleId :

MW-25

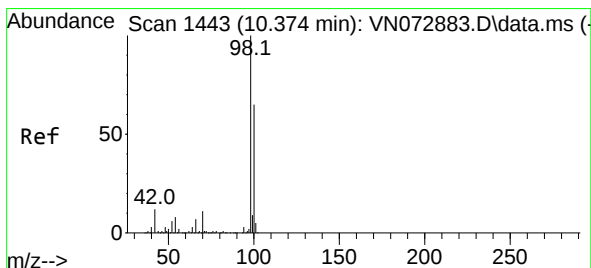
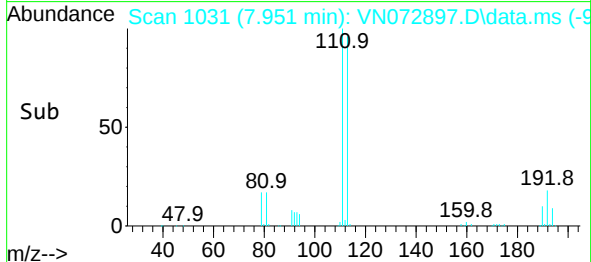
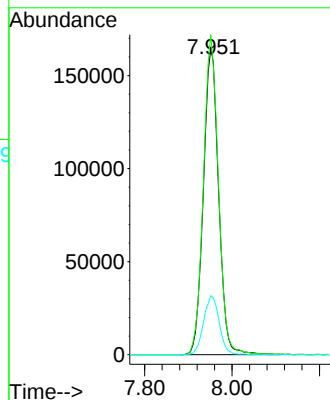
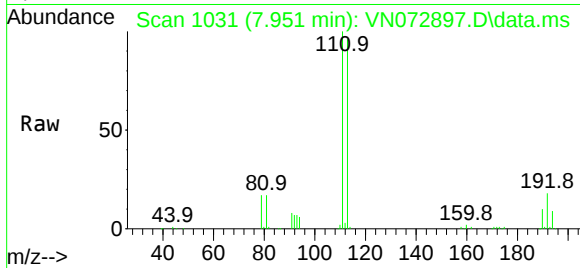
Tgt Ion:113 Resp: 399955

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.7 17.0 25.6



#50

Toluene-d8

Concen: 35.683 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072897.D

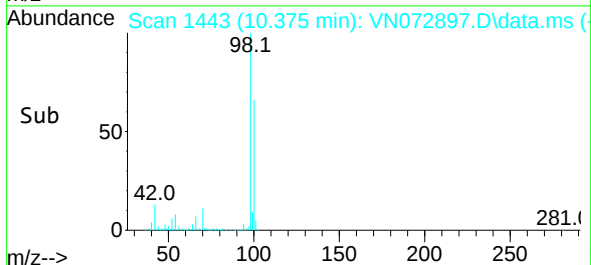
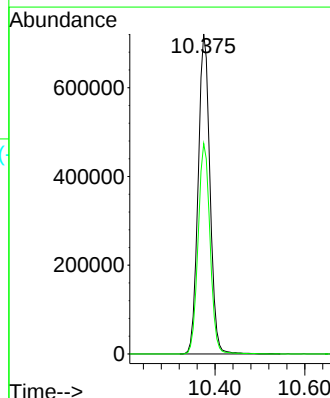
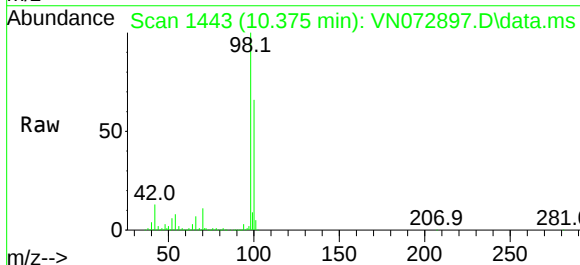
Acq: 16 Jun 2022 22:52

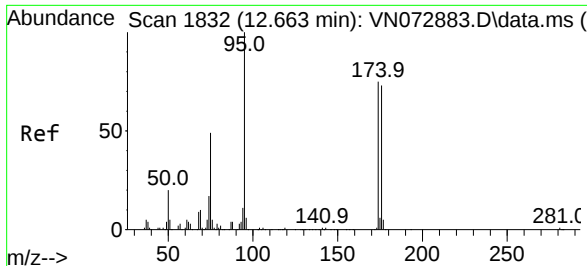
Tgt Ion: 98 Resp: 1314435

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8

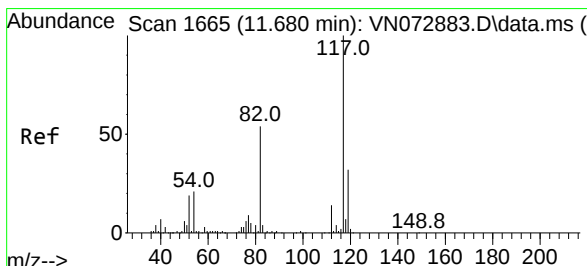
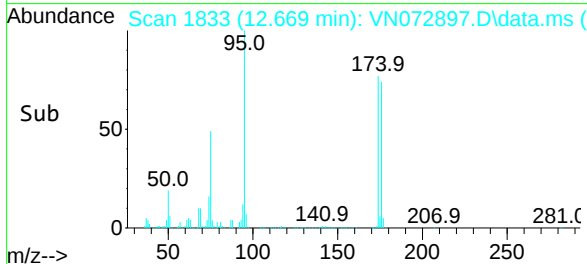
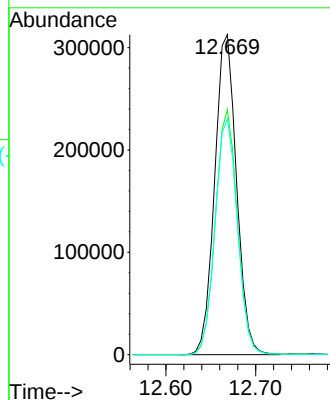
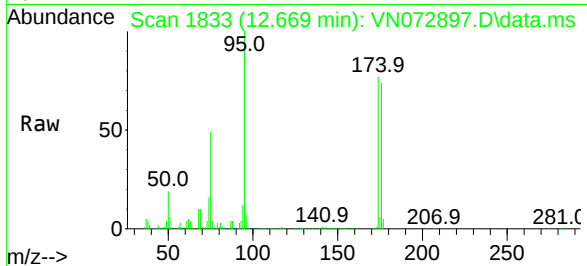




#62
4-Bromofluorobenzene
Concen: 41.480 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

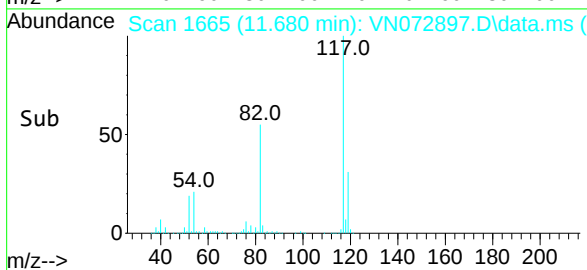
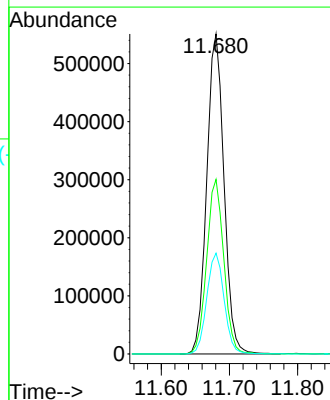
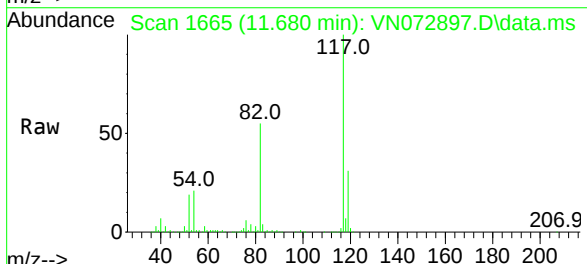
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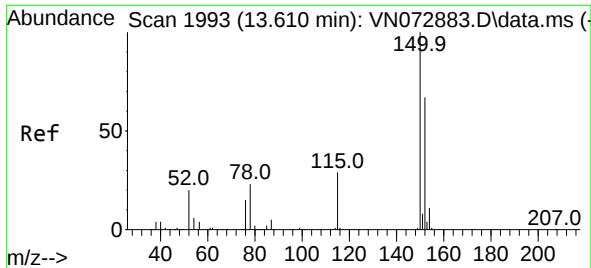
Tgt Ion: 95 Resp: 530052
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 75.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072897.D
Acq: 16 Jun 2022 22:52

Tgt Ion: 117 Resp: 967859
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 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: VN072897.D
 Acq: 16 Jun 2022 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Tgt Ion:152 Resp: 402548
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.9 86.7
 150 155.2 0.0 356.2

