

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072905.D
 Acq On : 17 Jun 2022 02:07
 Operator : JC\MD
 Sample : N3286-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101R

Quant Time: Jun 17 06:09:28 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)

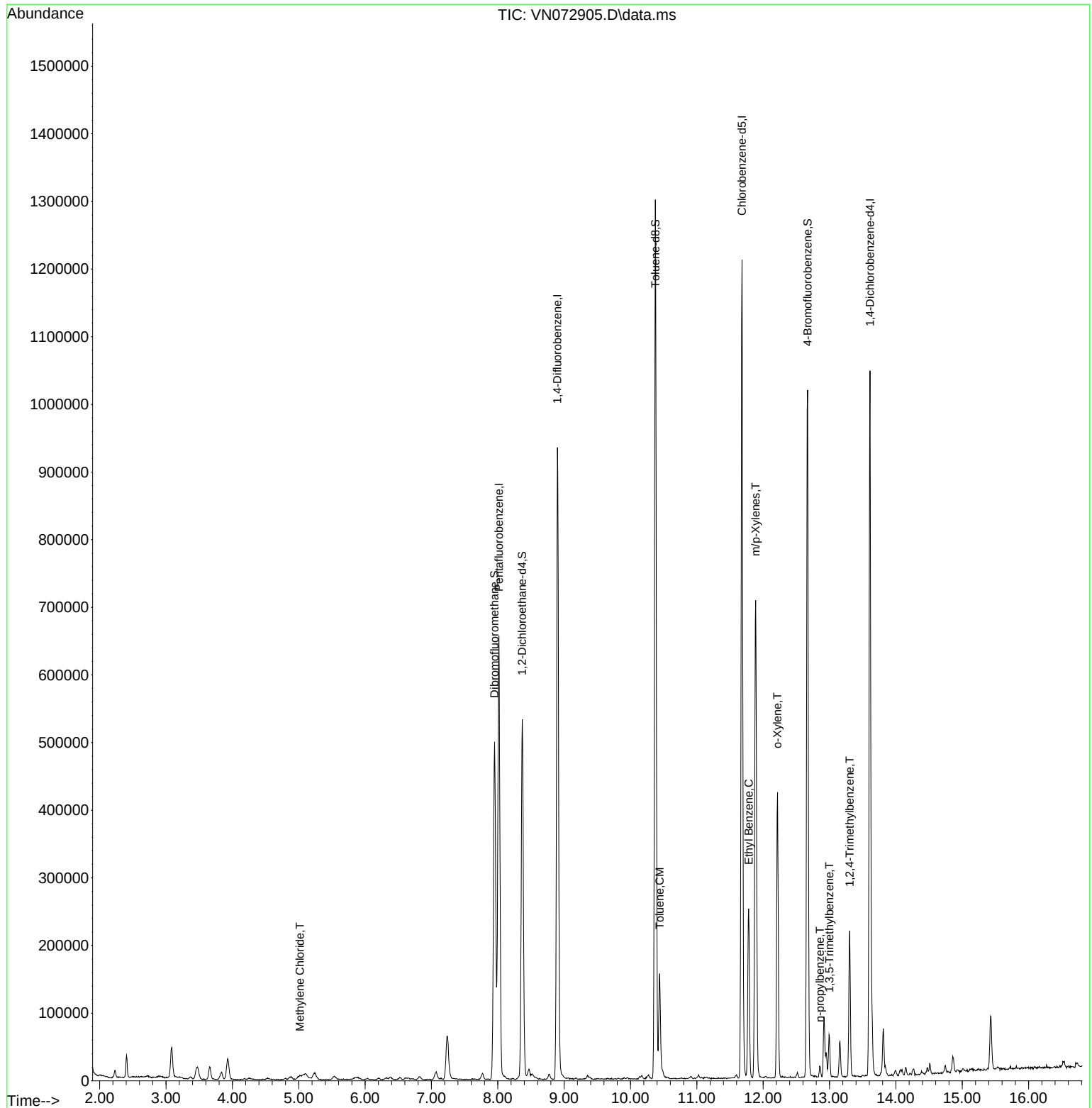
Internal Standards						
1) Pentafluorobenzene	8.016	168	504937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	845813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	713172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	289090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	443027	47.490	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.980%
35) Dibromofluoromethane	7.951	113	370585	48.234	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.460%
50) Toluene-d8	10.375	98	894976	29.760	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	59.520%#
62) 4-Bromofluorobenzene	12.669	95	376213	36.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	72.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.016	84	2627	0.312	ug/l	# 85
52) Toluene	10.439	92	64986	3.004	ug/l	98
67) Ethyl Benzene	11.780	91	186363	5.612	ug/l	99
68) m/p-Xylenes	11.886	106	237541	18.629	ug/l	97
69) o-Xylene	12.216	106	117414	8.975	ug/l	98
78) n-propylbenzene	12.857	91	13273	0.462	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	30156	1.365	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	124612	5.867	ug/l	99

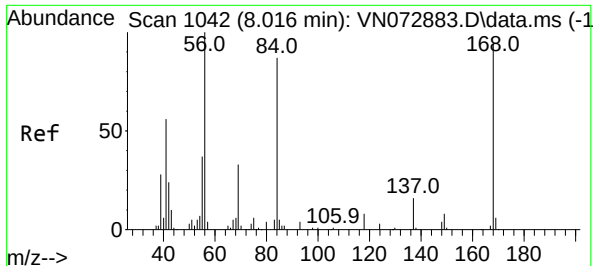
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 06:09:28 2022
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Quant Title : SW846 8260
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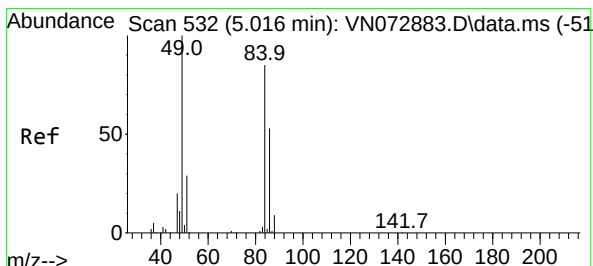
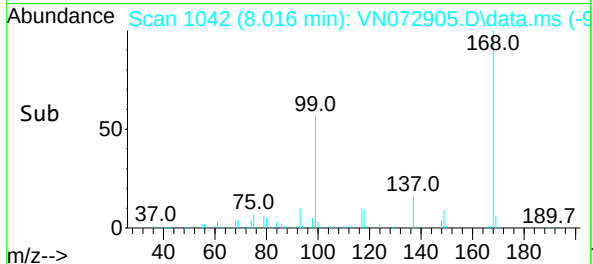
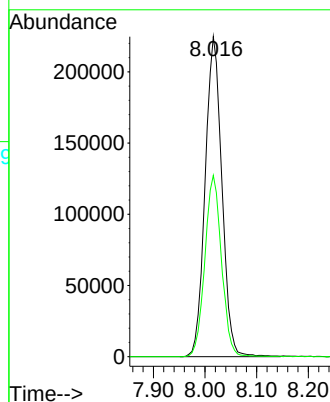
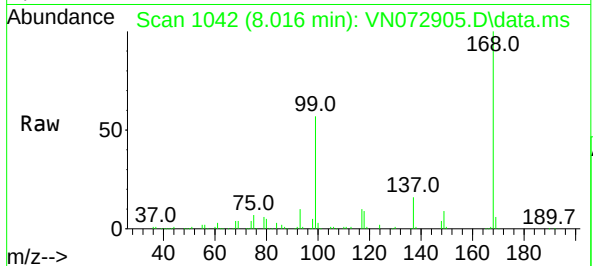




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

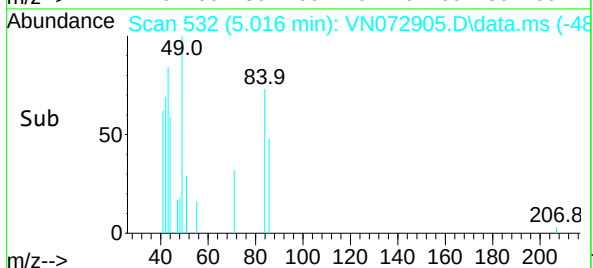
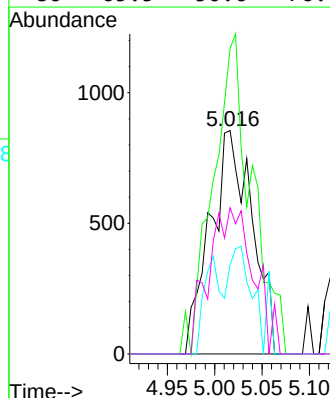
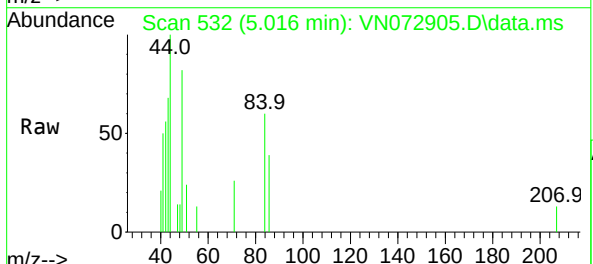
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

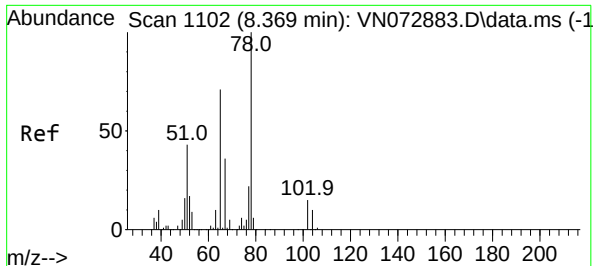
Tgt Ion:168 Resp: 504937
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

Tgt Ion: 84 Resp: 2627
Ion Ratio Lower Upper
84 100
49 136.8 88.3 132.5#
51 39.9 28.2 42.2
86 65.5 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.490 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072905.D

Acq: 17 Jun 2022 02:07

Instrument :

MSVOA_N

ClientSampleId :

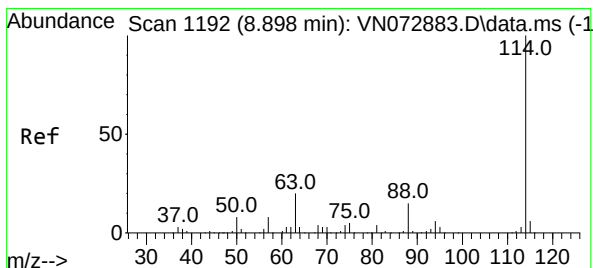
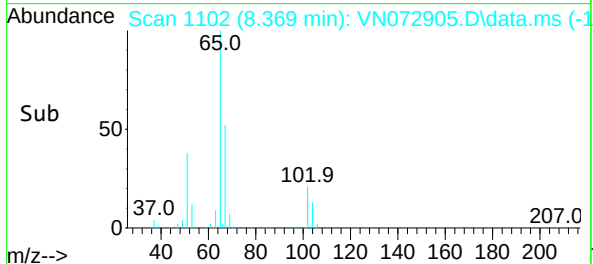
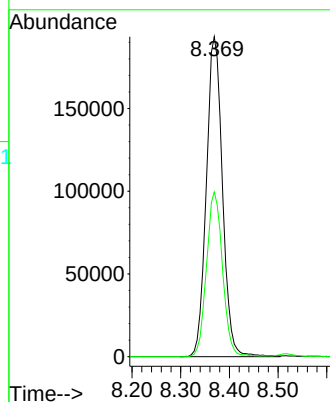
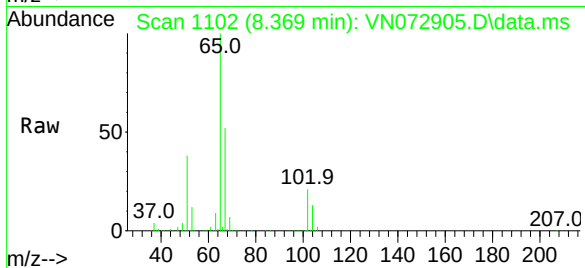
MW-101R

Tgt Ion: 65 Resp: 443027

Ion Ratio Lower Upper

65 100

67 51.2 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: VN072905.D

Acq: 17 Jun 2022 02:07

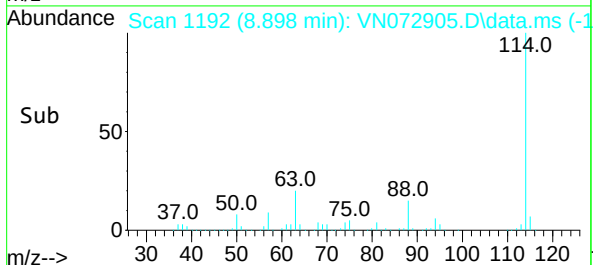
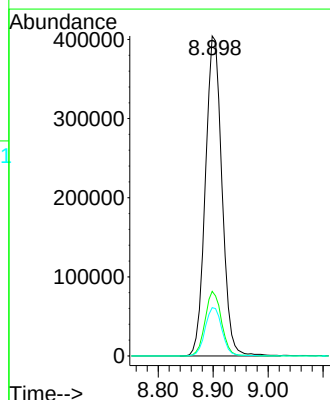
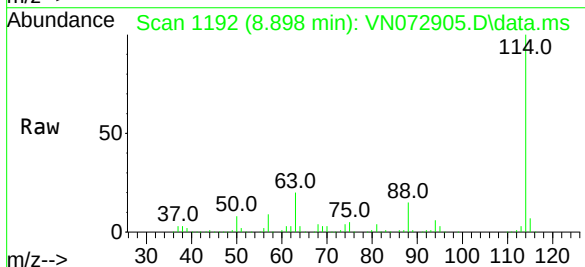
Tgt Ion: 114 Resp: 845813

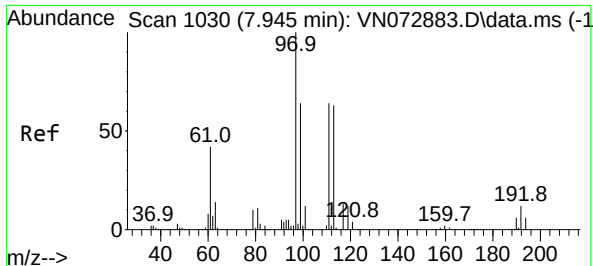
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.234 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072905.D

Acq: 17 Jun 2022 02:07

Instrument :

MSVOA_N

ClientSampleId :

MW-101R

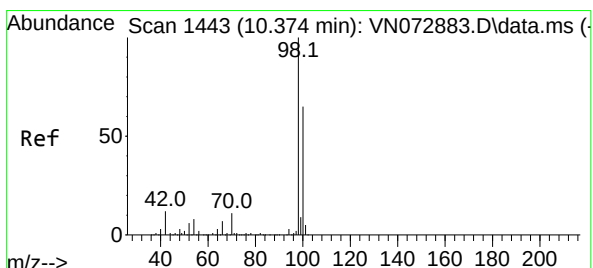
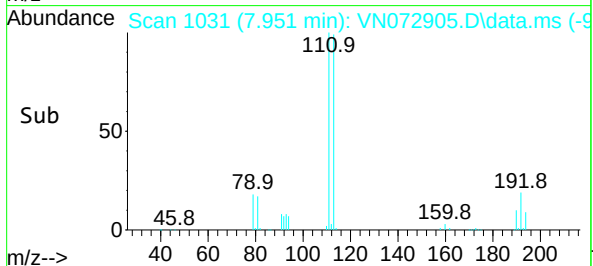
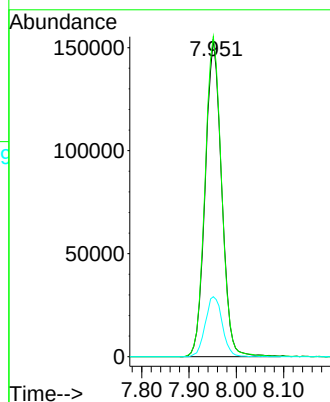
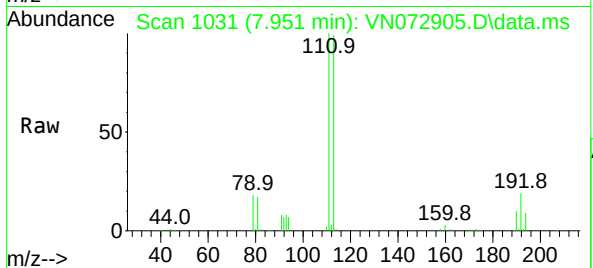
Tgt Ion:113 Resp: 370585

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.6 17.0 25.6



#50

Toluene-d8

Concen: 29.760 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072905.D

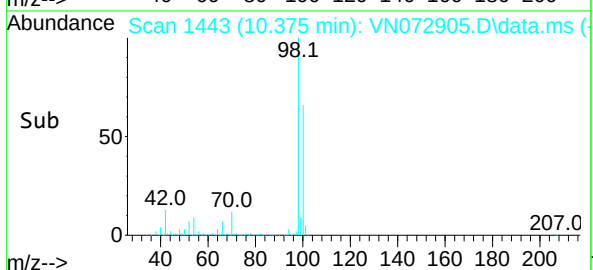
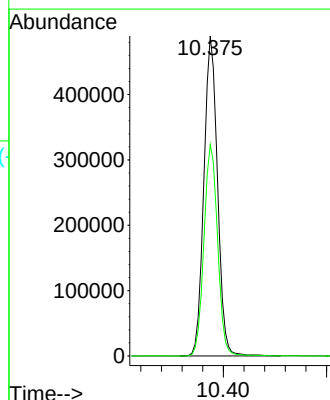
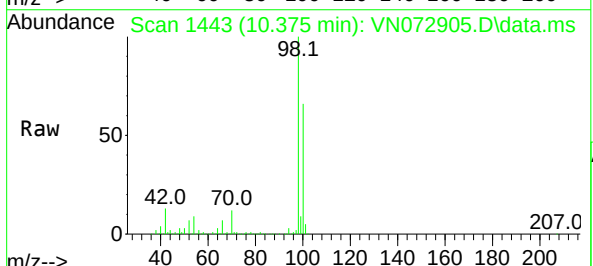
Acq: 17 Jun 2022 02:07

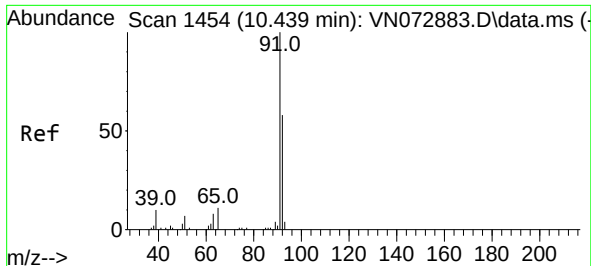
Tgt Ion: 98 Resp: 894976

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8

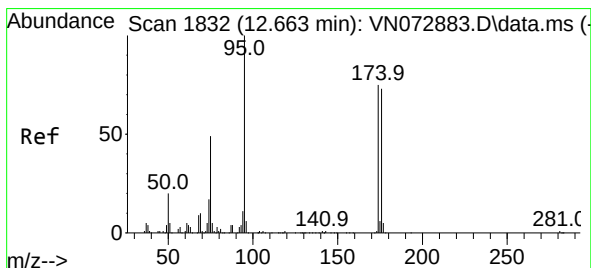
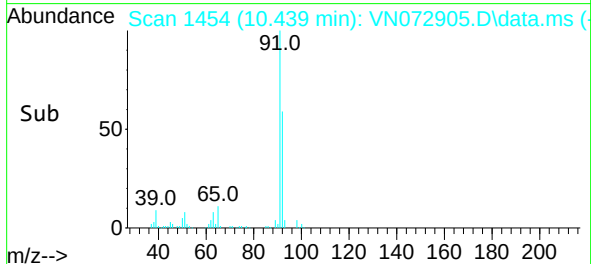
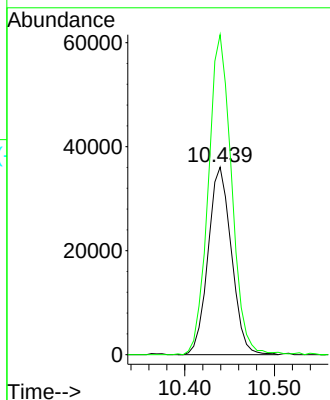
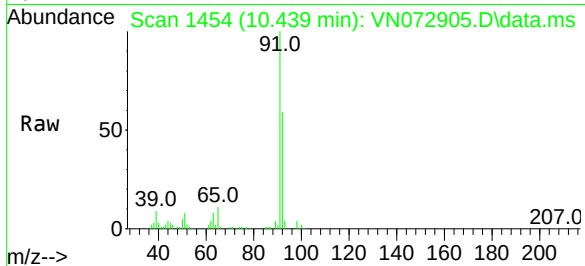




#52
Toluene
Concen: 3.004 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

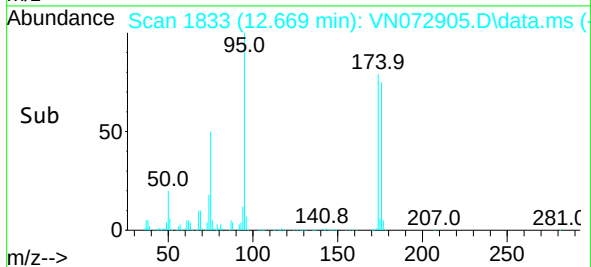
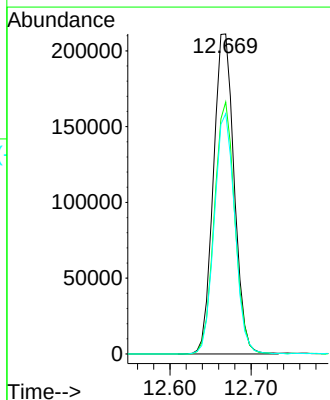
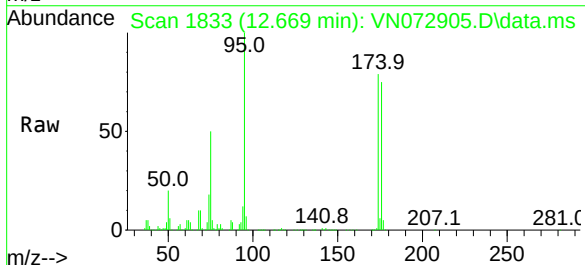
Instrument :
MSVOA_N
ClientSampleId :
MW-101R

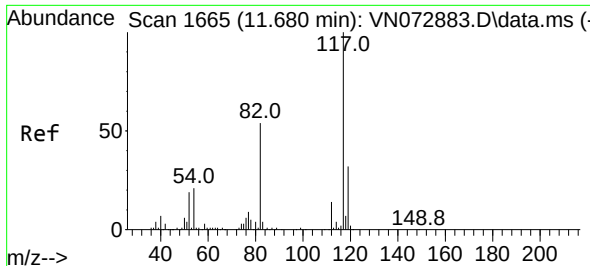
Tgt Ion: 92 Resp: 64986
Ion Ratio Lower Upper
92 100
91 170.7 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 36.062 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

Tgt Ion: 95 Resp: 376213
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 74.1 0.0 163.4

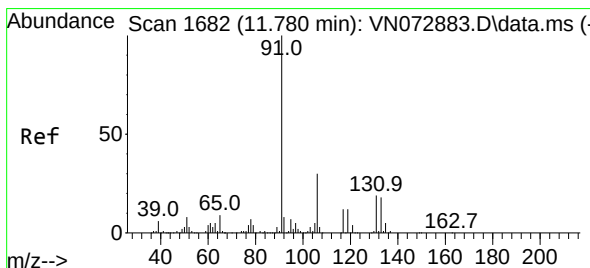
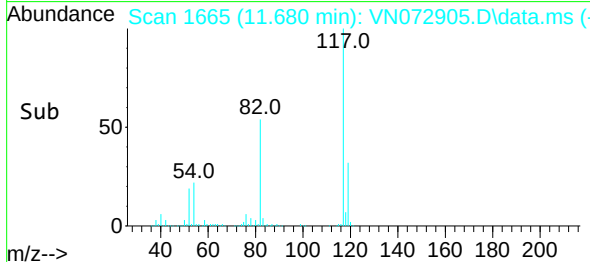
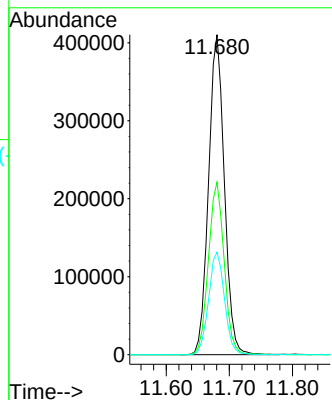
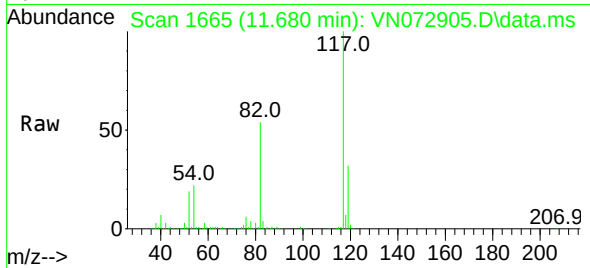




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

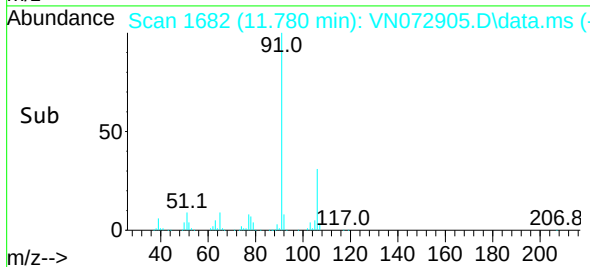
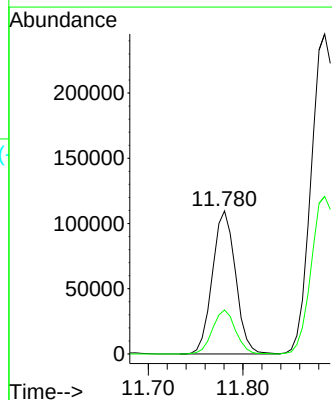
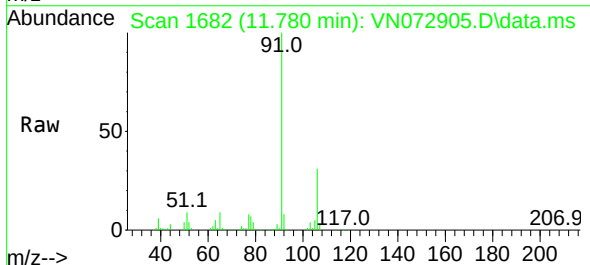
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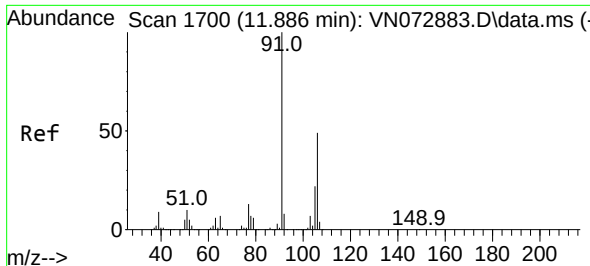
Tgt Ion:117 Resp: 713172
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 5.612 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

Tgt Ion: 91 Resp: 186363
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

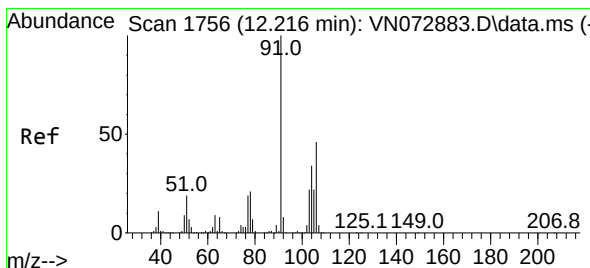
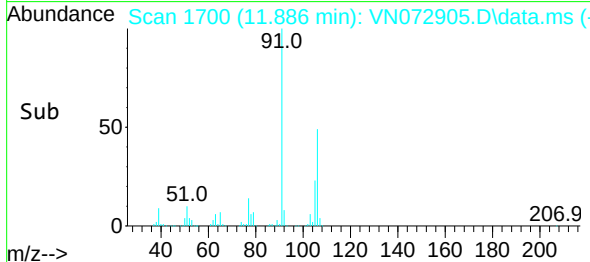
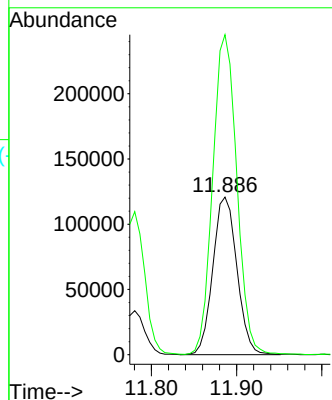
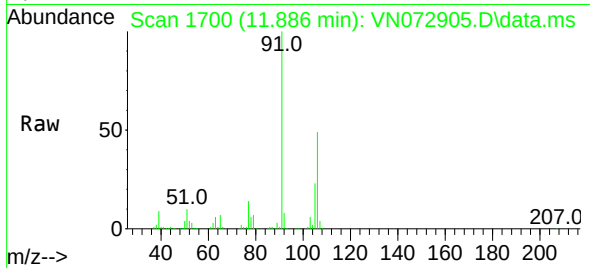




#68
m/p-Xylenes
Concen: 18.629 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

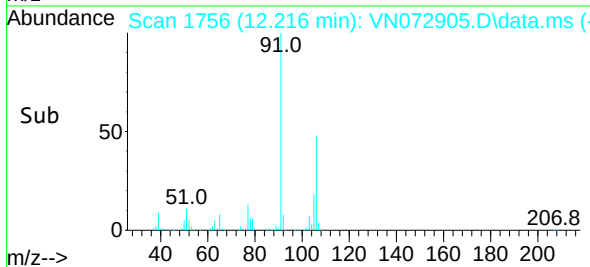
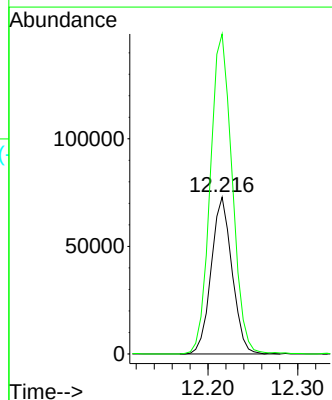
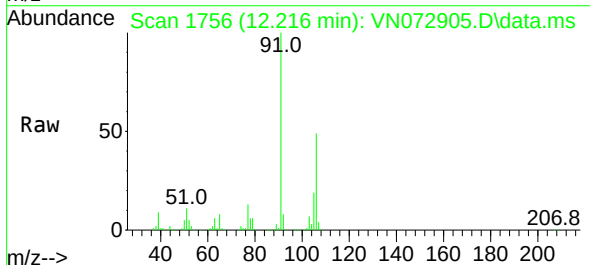
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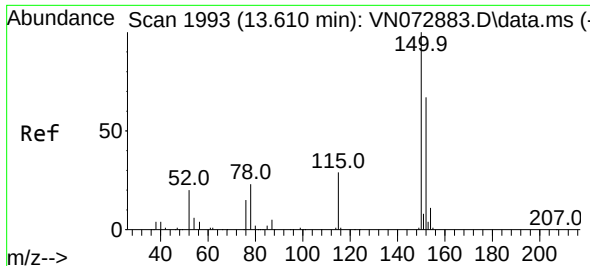
Tgt Ion:106 Resp: 237541
Ion Ratio Lower Upper
106 100
91 202.7 158.9 238.3



#69
o-Xylene
Concen: 8.975 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

Tgt Ion:106 Resp: 117414
Ion Ratio Lower Upper
106 100
91 215.5 106.0 318.0

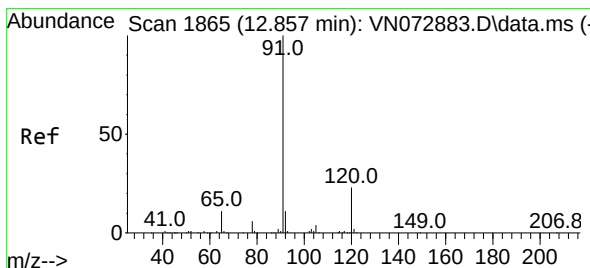
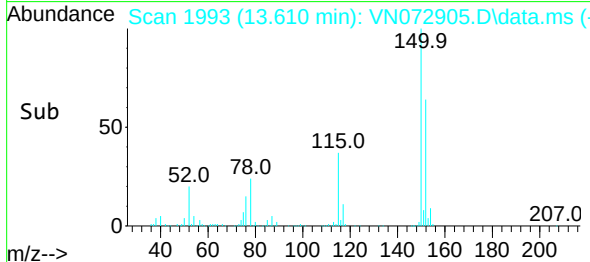
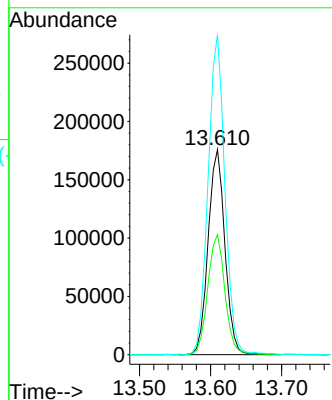
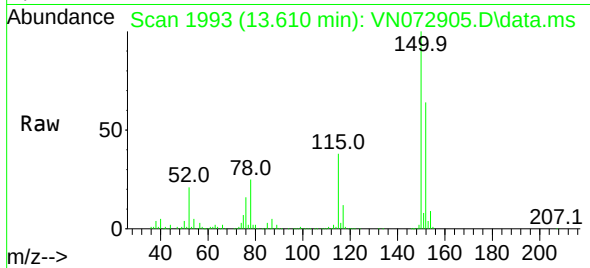




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

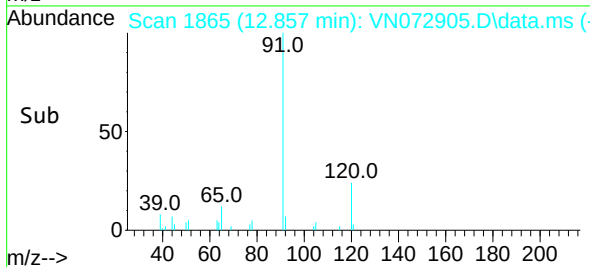
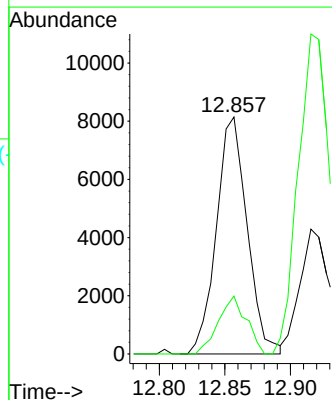
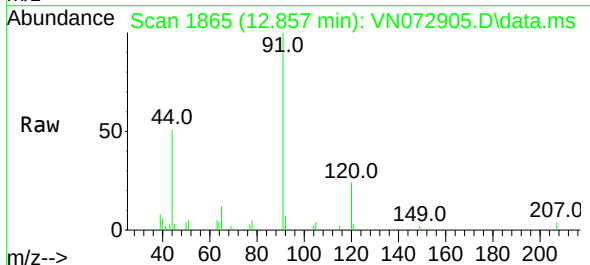
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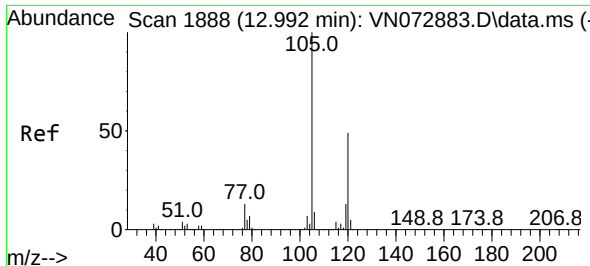
Tgt Ion:152 Resp: 289090
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 155.6 0.0 356.2



#78
n-propylbenzene
Concen: 0.462 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072905.D
Acq: 17 Jun 2022 02:07

Tgt Ion: 91 Resp: 13273
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

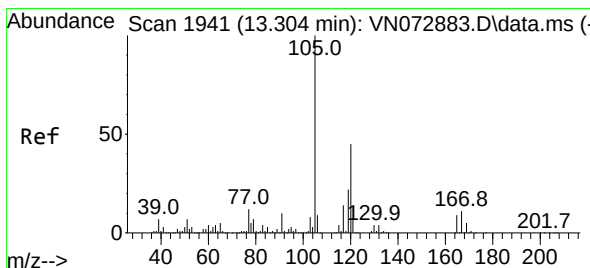
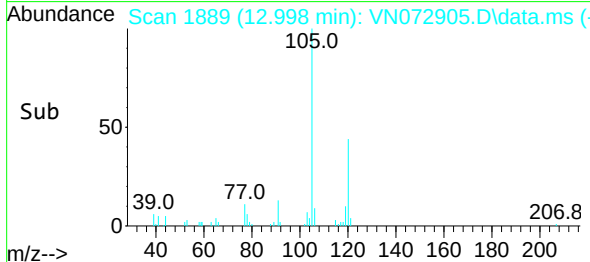
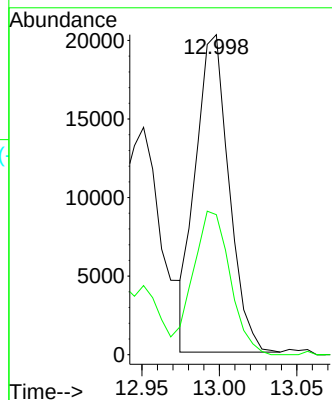
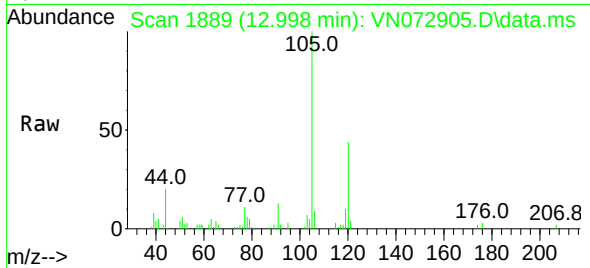




#80
 1,3,5-Trimethylbenzene
 Concen: 1.365 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.006 min
 Lab File: VN072905.D
 Acq: 17 Jun 2022 02:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-101R

Tgt Ion:105 Resp: 30156
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.867 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072905.D
 Acq: 17 Jun 2022 02:07

Tgt Ion:105 Resp: 124612
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8

