

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072902.D
 Acq On : 17 Jun 2022 00:54
 Operator : JC\MD
 Sample : N3202-06 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28DL

Quant Time: Jun 17 06:08:56 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)

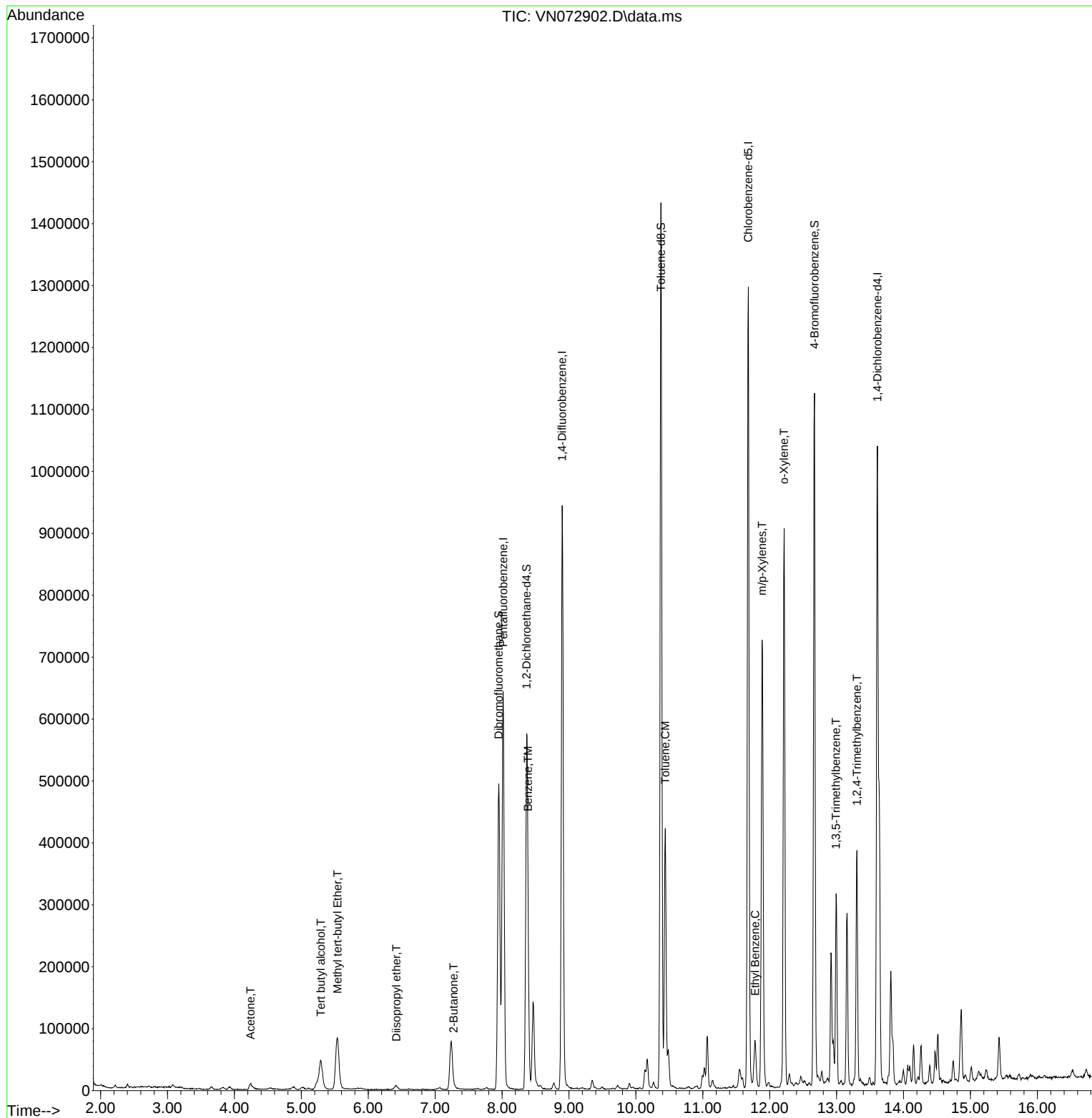
Internal Standards						
1) Pentafluorobenzene	8.016	168	499626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	844940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	736440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	290062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	448300	48.566	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.140%
35) Dibromofluoromethane	7.951	113	366306	47.726	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.460%
50) Toluene-d8	10.375	98	990122	32.957	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	65.920%
62) 4-Bromofluorobenzene	12.669	95	386357	37.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	74.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.293	59	99662	41.467	ug/l	99
16) Acetone	4.240	43	18818	4.039	ug/l #	80
19) Methyl tert-butyl Ether	5.540	73	142592	5.594	ug/l	98
22) Diisopropyl ether	6.422	45	7688	0.294	ug/l #	78
25) 2-Butanone	7.275	43	13211	1.780	ug/l	92
40) Benzene	8.386	78	98091	2.937	ug/l	99
52) Toluene	10.439	92	180945	8.372	ug/l	99
67) Ethyl Benzene	11.780	91	41204	1.202	ug/l	94
68) m/p-Xylenes	11.886	106	241904	18.371	ug/l	97
69) o-Xylene	12.216	106	259820	19.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	166756	7.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	218052	10.231	ug/l	99

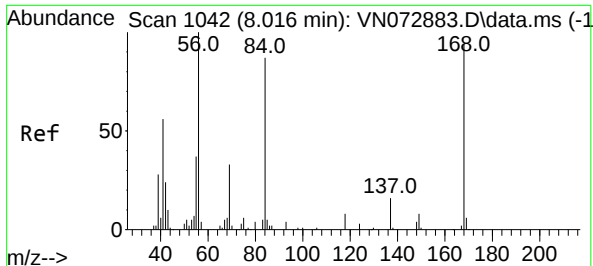
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072902.D
Acq On : 17 Jun 2022 00:54
Operator : JC\MD
Sample : N3202-06 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

Quant Time: Jun 17 06:08:56 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

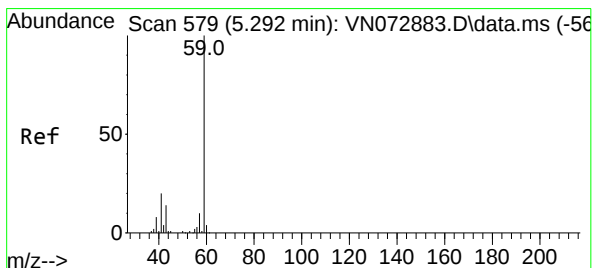
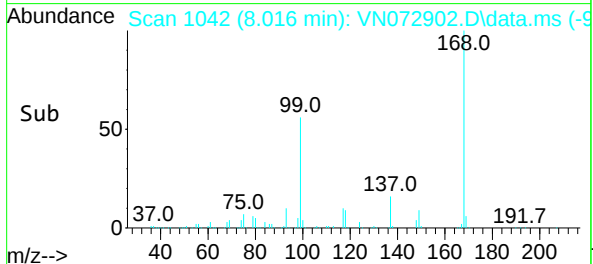
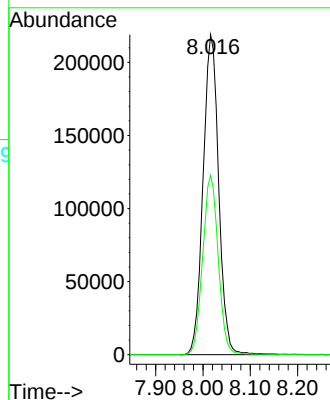
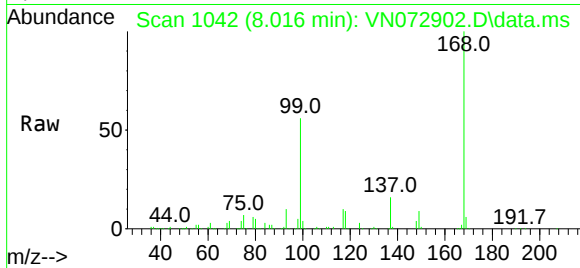




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

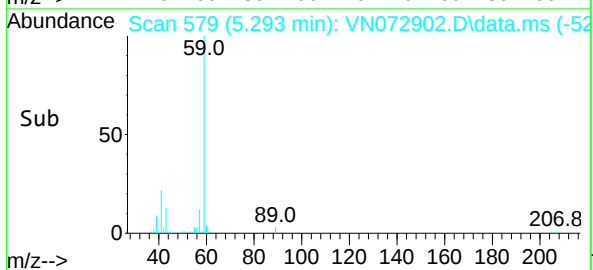
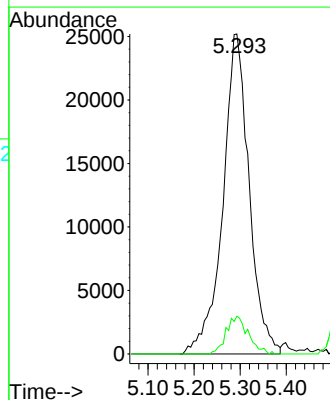
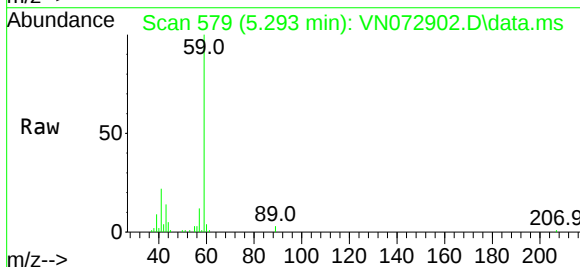
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

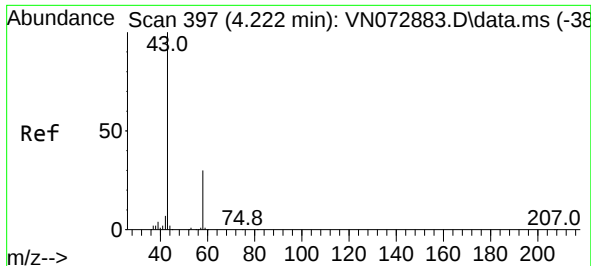
Tgt Ion:168 Resp: 499626
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 41.467 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion: 59 Resp: 99662
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

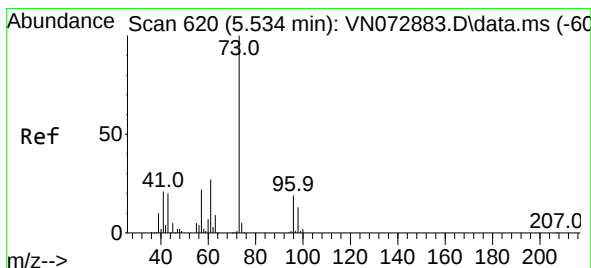
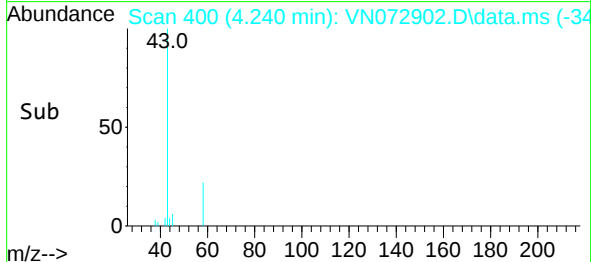
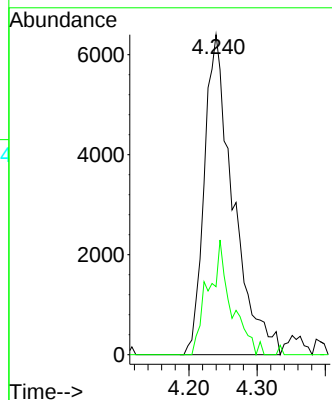
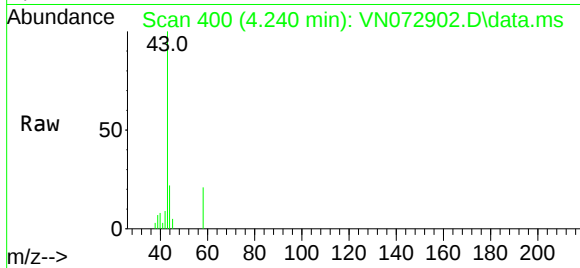




#16
Acetone
Concen: 4.039 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

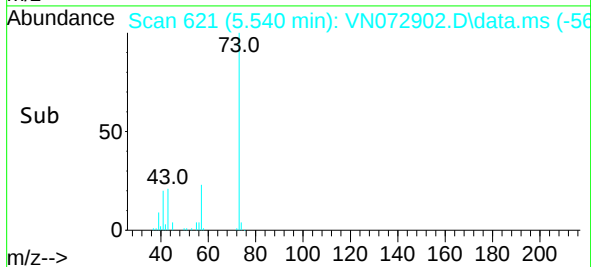
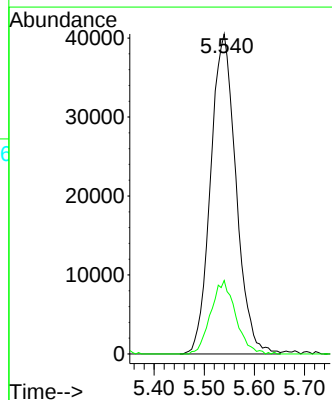
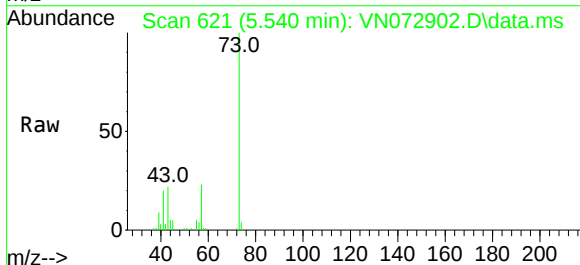
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

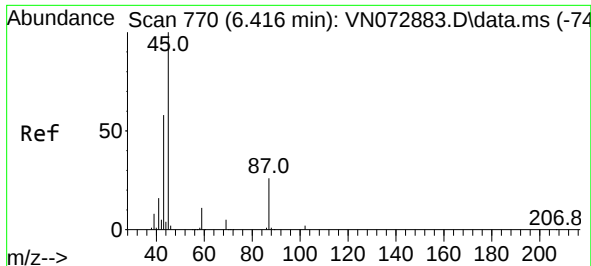
Tgt Ion: 43 Resp: 18818
Ion Ratio Lower Upper
43 100
58 21.3 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 5.594 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion: 73 Resp: 142592
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

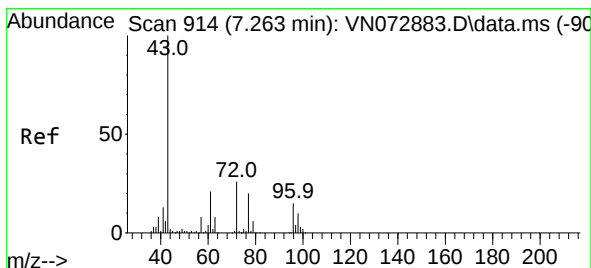
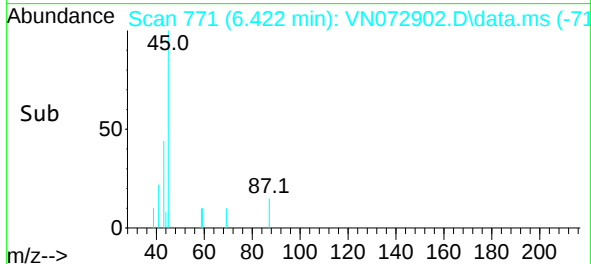
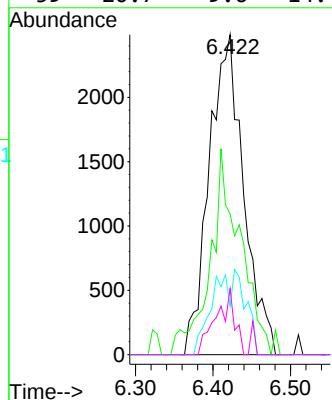
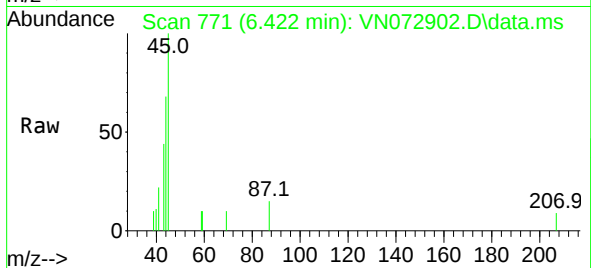




#22
Diisopropyl ether
Concen: 0.294 ug/l
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

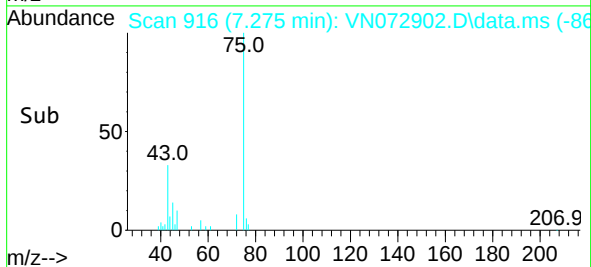
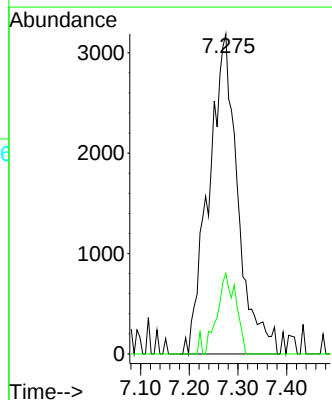
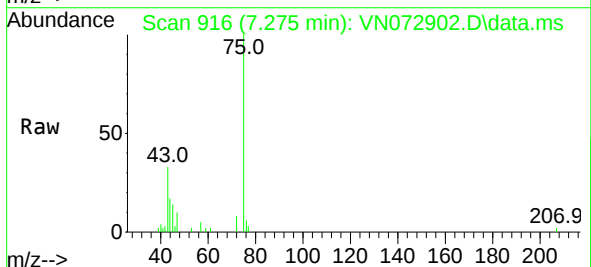
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

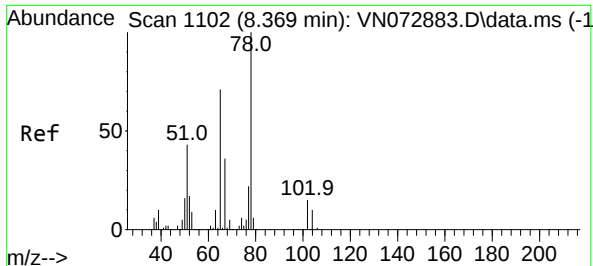
Tgt Ion: 45	Resp: 7688
Ion Ratio	Lower Upper
45 100	
43 43.9	46.6 70.0#
87 15.1	24.3 36.5#
59 20.7	9.6 14.4#



#25
2-Butanone
Concen: 1.780 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion: 43	Resp: 13211
Ion Ratio	Lower Upper
43 100	
72 25.2	23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 48.566 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072902.D

Acq: 17 Jun 2022 00:54

Instrument :

MSVOA_N

ClientSampleId :

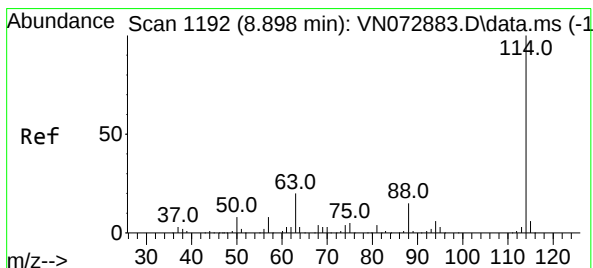
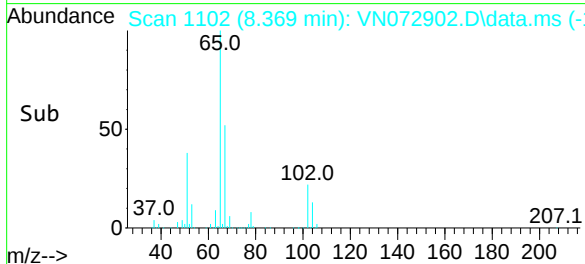
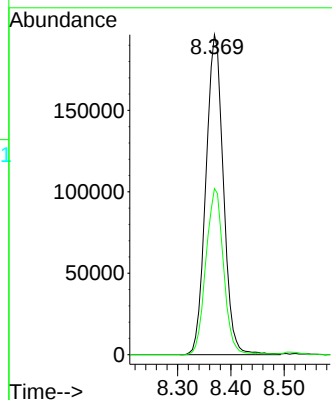
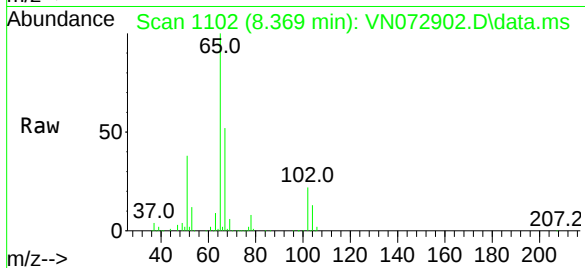
MW-28DL

Tgt Ion: 65 Resp: 448300

Ion Ratio Lower Upper

65 100

67 52.1 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: VN072902.D

Acq: 17 Jun 2022 00:54

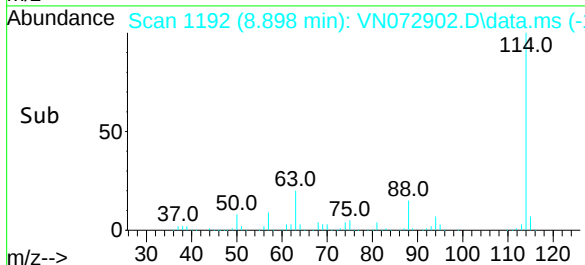
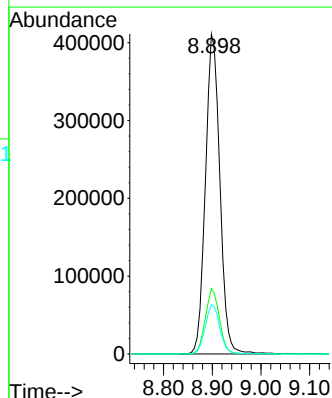
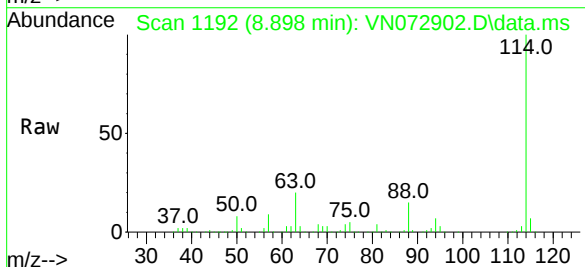
Tgt Ion: 114 Resp: 844940

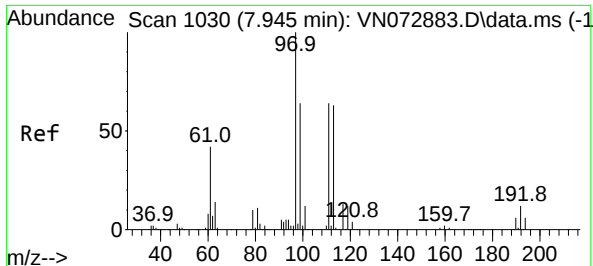
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.726 ug/l

RT: 7.951 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN072902.D

Acq: 17 Jun 2022 00:54

Instrument :

MSVOA_N

ClientSampleId :

MW-28DL

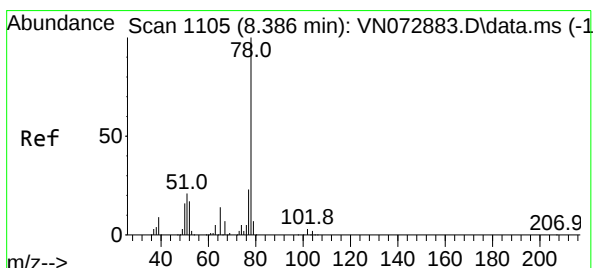
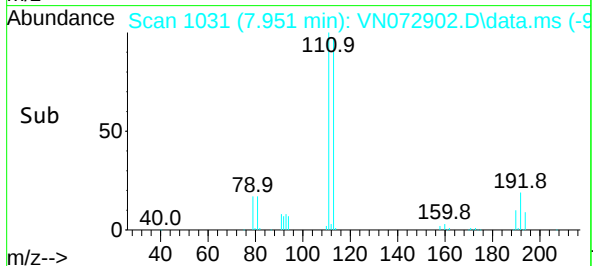
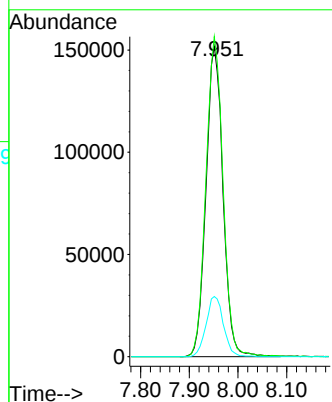
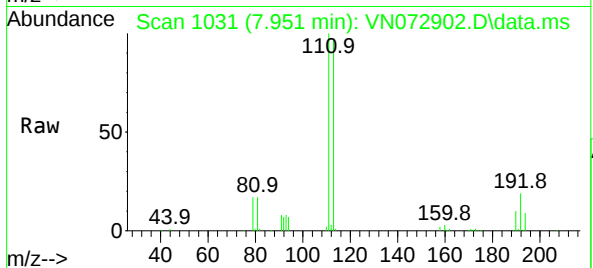
Tgt Ion:113 Resp: 366306

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.9 17.0 25.6



#40

Benzene

Concen: 2.937 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072902.D

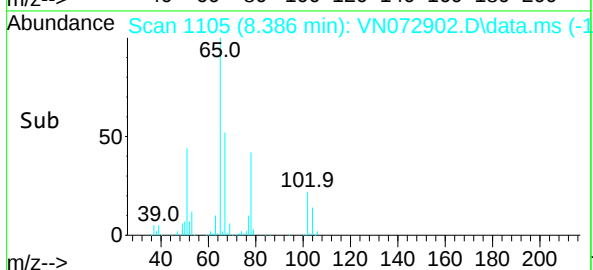
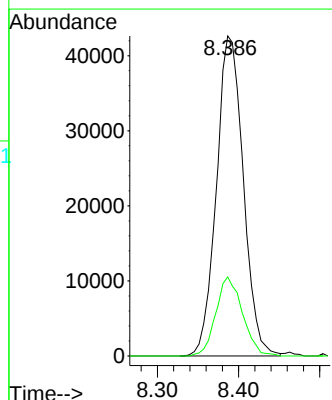
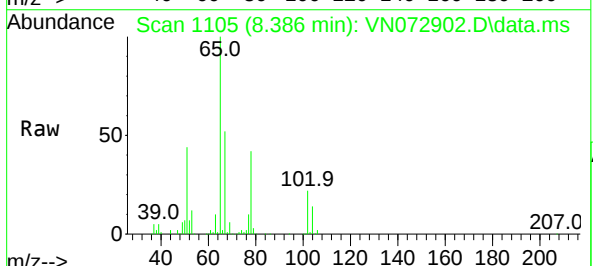
Acq: 17 Jun 2022 00:54

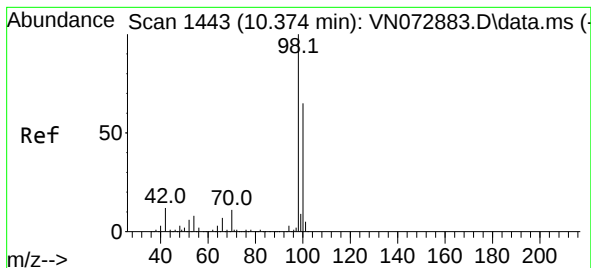
Tgt Ion: 78 Resp: 98091

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

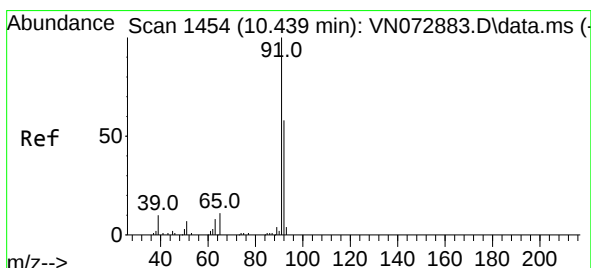
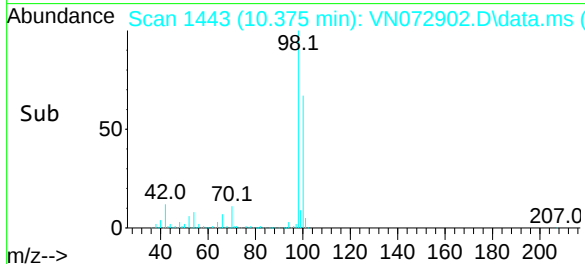
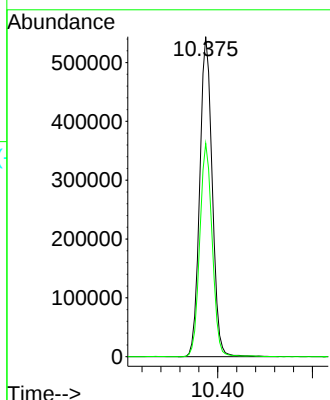
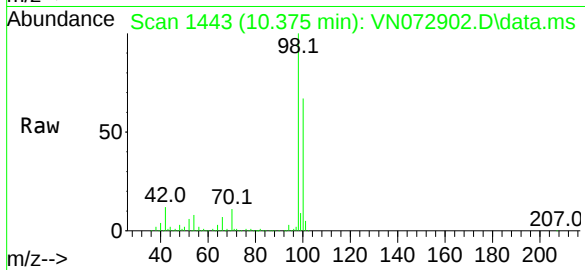




#50
Toluene-d8
Concen: 32.957 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

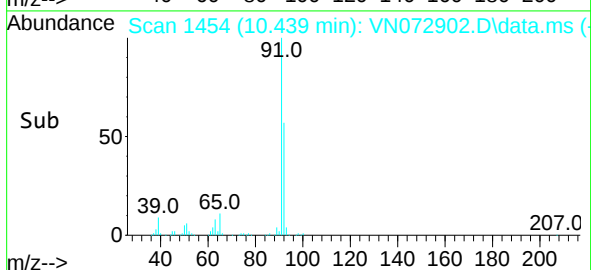
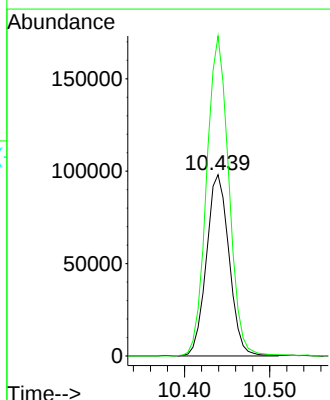
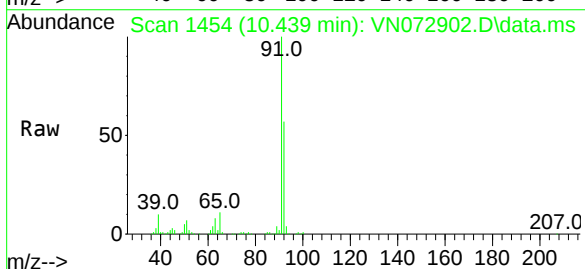
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

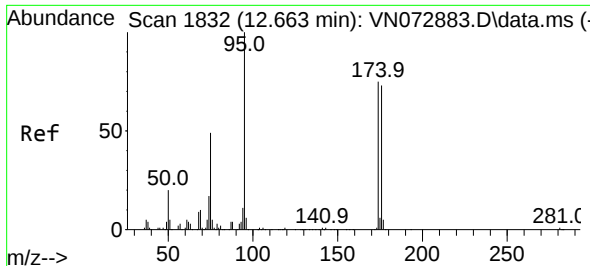
Tgt Ion: 98 Resp: 990122
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#52
Toluene
Concen: 8.372 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion: 92 Resp: 180945
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8

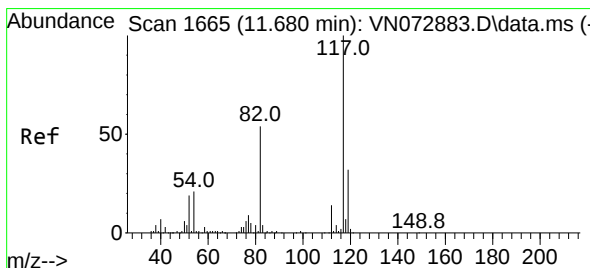
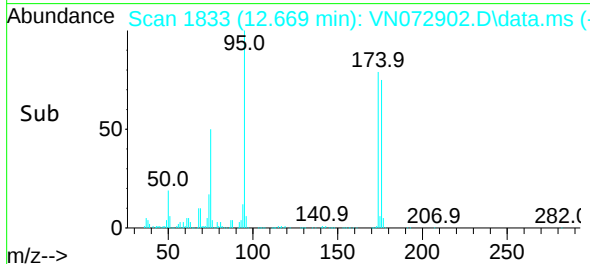
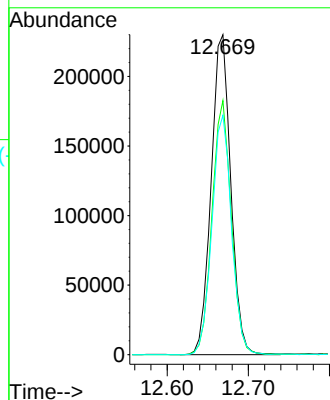
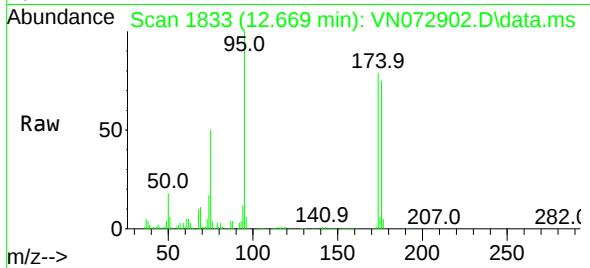




#62
4-Bromofluorobenzene
Concen: 37.073 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

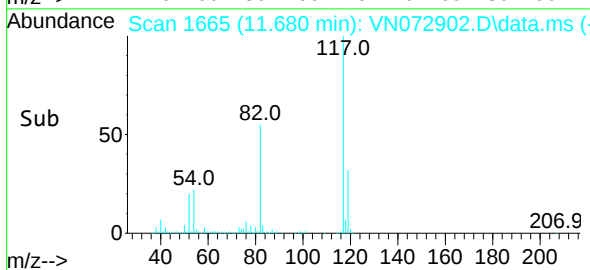
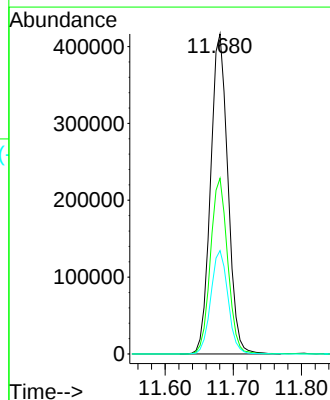
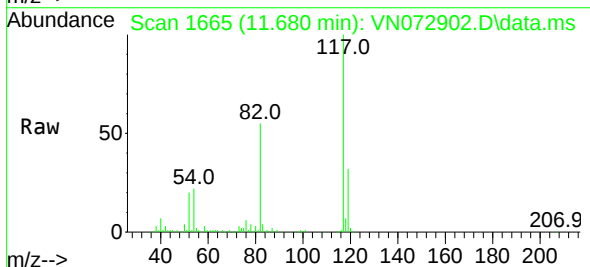
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

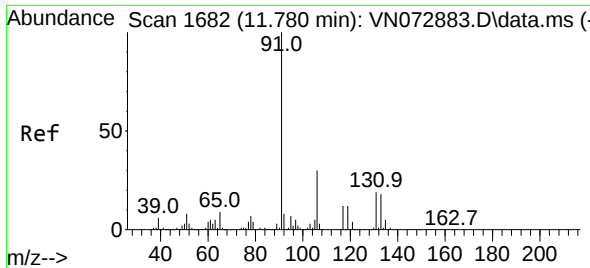
Tgt Ion: 95 Resp: 386357
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 74.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion: 117 Resp: 736440
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.3 25.4 38.0

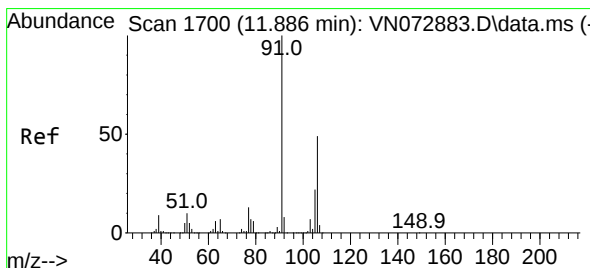
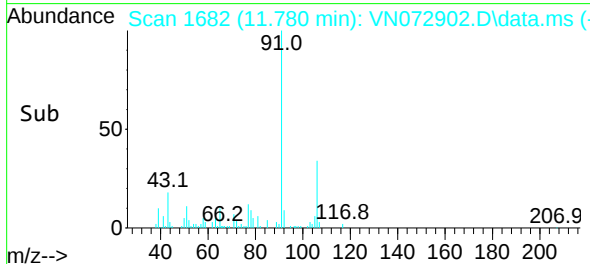
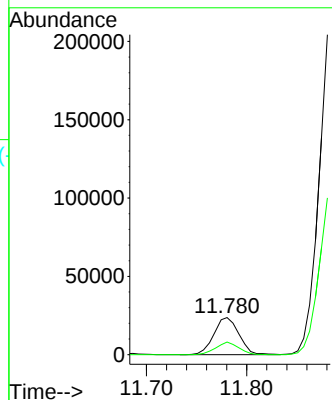
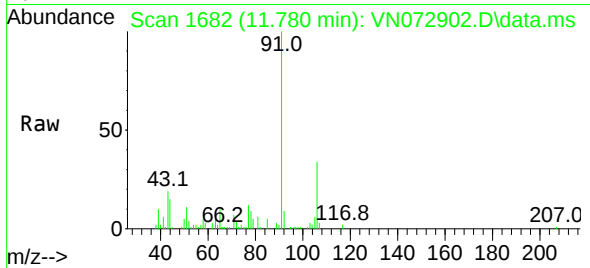




#67
Ethyl Benzene
Concen: 1.202 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

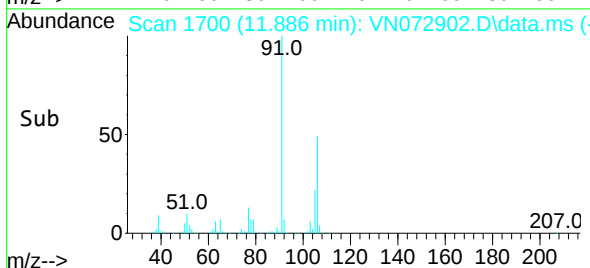
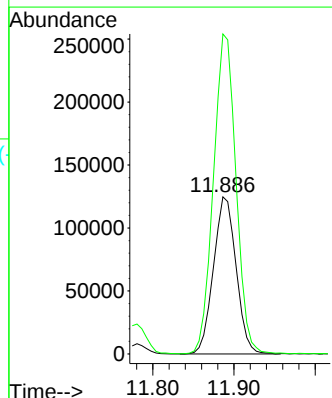
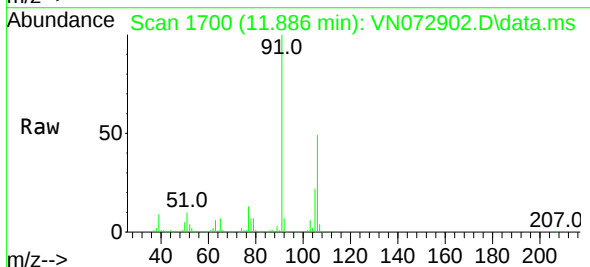
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

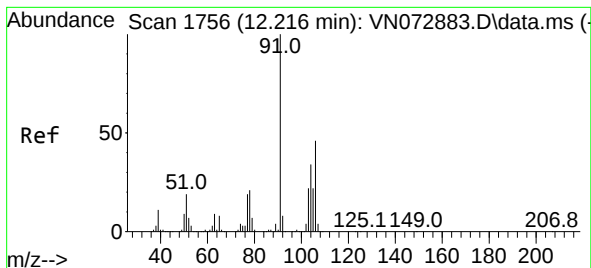
Tgt Ion: 91 Resp: 41204
Ion Ratio Lower Upper
91 100
106 34.2 24.9 37.3



#68
m/p-Xylenes
Concen: 18.371 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072902.D
Acq: 17 Jun 2022 00:54

Tgt Ion:106 Resp: 241904
Ion Ratio Lower Upper
106 100
91 202.6 158.9 238.3





#69

o-Xylene

Concen: 19.232 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN072902.D

Acq: 17 Jun 2022 00:54

Instrument :

MSVOA_N

ClientSampleId :

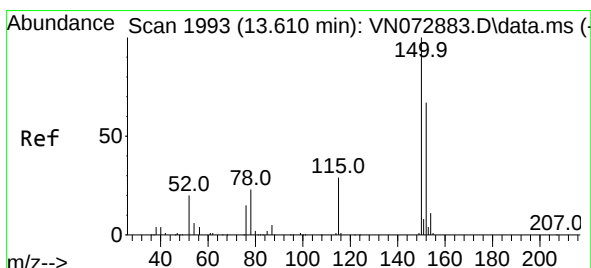
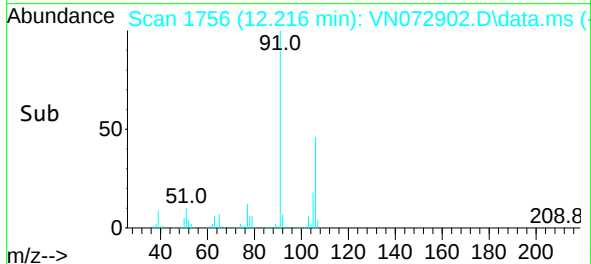
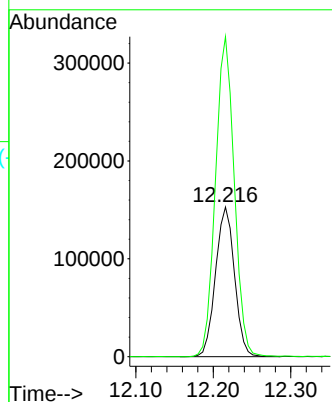
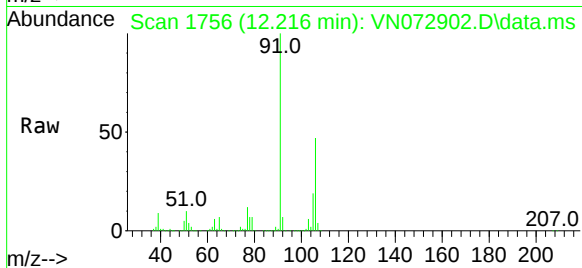
MW-28DL

Tgt Ion:106 Resp: 259820

Ion Ratio Lower Upper

106 100

91 212.2 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN072902.D

Acq: 17 Jun 2022 00:54

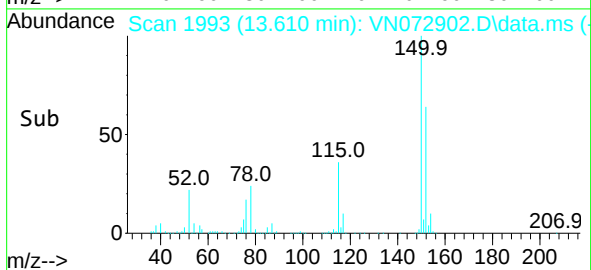
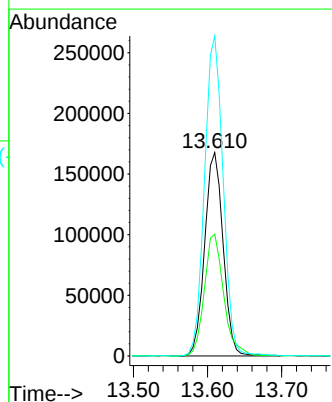
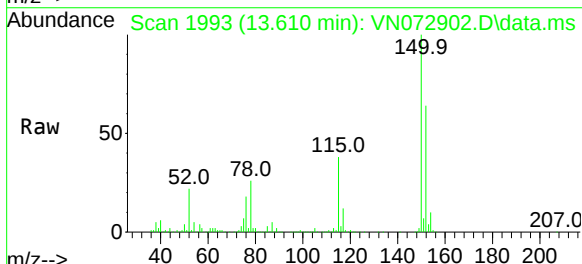
Tgt Ion:152 Resp: 290062

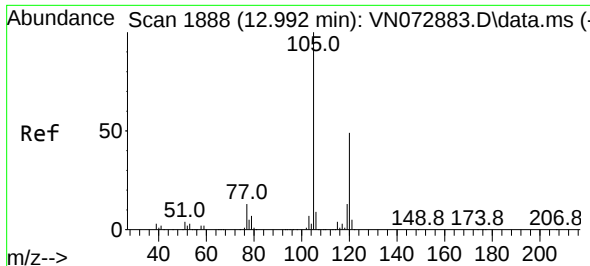
Ion Ratio Lower Upper

152 100

115 63.2 28.9 86.7

150 158.3 0.0 356.2

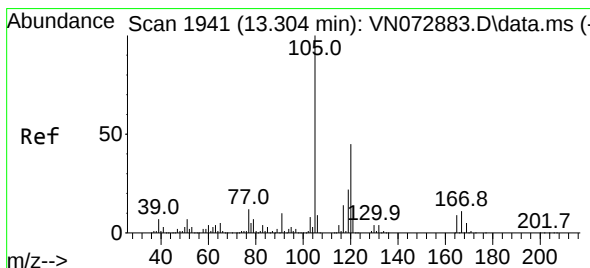
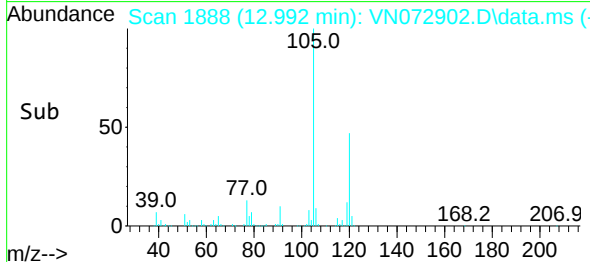
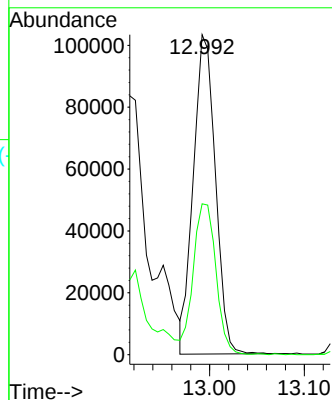
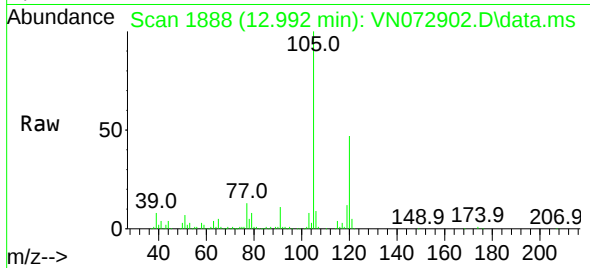




#80
 1,3,5-Trimethylbenzene
 Concen: 7.522 ug/l
 RT: 12.992 min Scan# 1888
 Delta R.T. 0.000 min
 Lab File: VN072902.D
 Acq: 17 Jun 2022 00:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28DL

Tgt Ion:105 Resp: 166756
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 10.231 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072902.D
 Acq: 17 Jun 2022 00:54

Tgt Ion:105 Resp: 218052
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.3 69.8

