

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073034.D
 Acq On : 22 Jun 2022 18:55
 Operator : JC\MD
 Sample : N3381-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Jun 23 07:33:57 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	298385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	489831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	195055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179390	44.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.940%
35) Dibromofluoromethane	7.951	113	154027	50.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.375	98	506584	44.967	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.940%
62) 4-Bromofluorobenzene	12.669	95	207121	51.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%

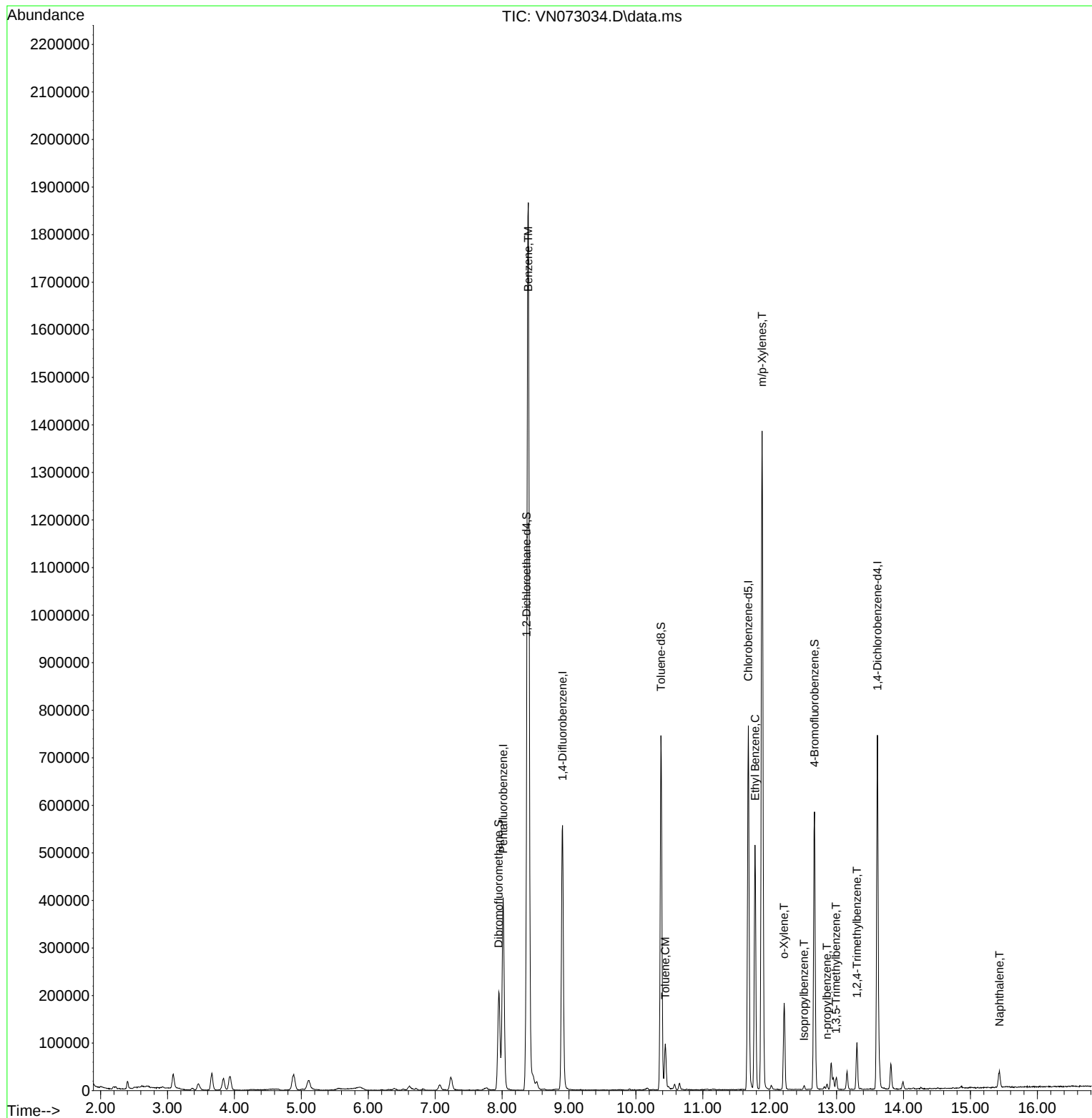
Target Compounds						Qvalue
40) Benzene	8.392	78	1882346	146.203	ug/l	98
52) Toluene	10.439	92	39104	4.947	ug/l	98
67) Ethyl Benzene	11.780	91	372730	25.322	ug/l	99
68) m/p-Xylenes	11.886	106	450464	78.027	ug/l	98
69) o-Xylene	12.216	106	49845	8.640	ug/l	99
73) Isopropylbenzene	12.516	105	5111	0.339	ug/l	98
78) n-propylbenzene	12.857	91	9168	0.552	ug/l	94
80) 1,3,5-Trimethylbenzene	12.992	105	11999	0.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	52931	4.287	ug/l	98
95) Naphthalene	15.433	128	33795	2.243	ug/l	98

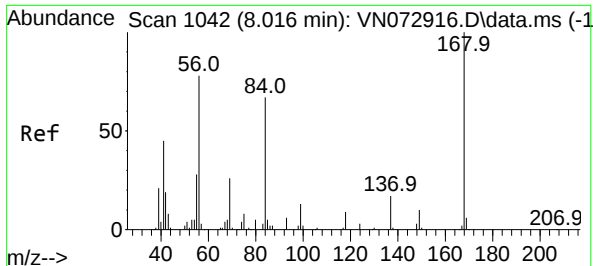
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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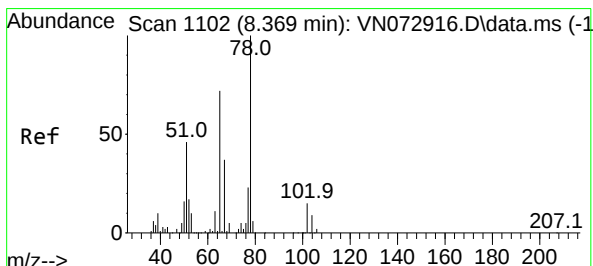
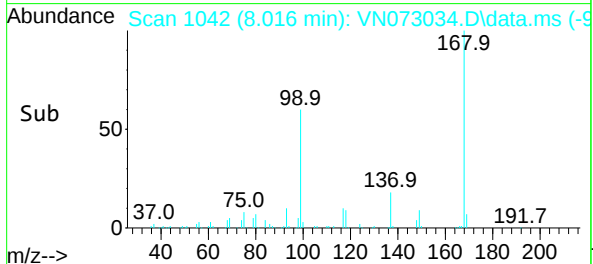
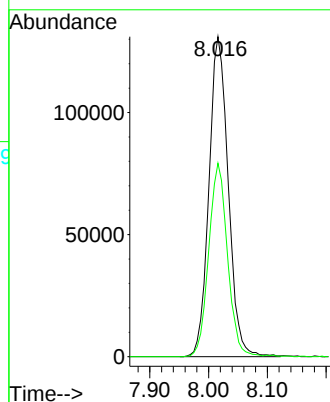
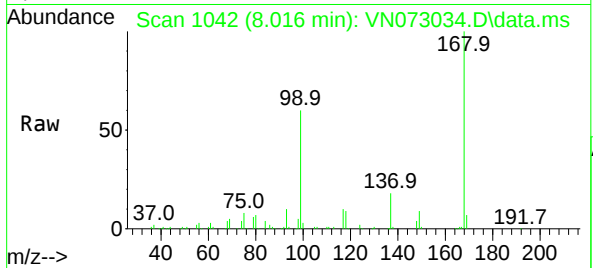




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

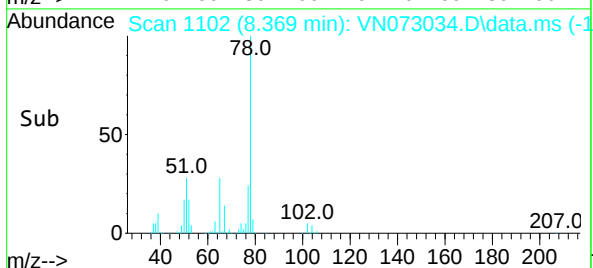
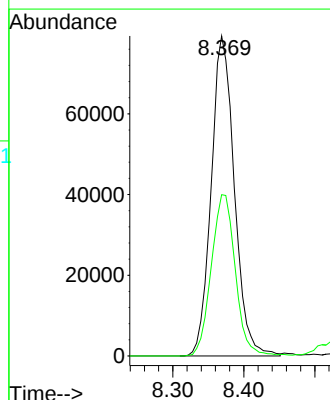
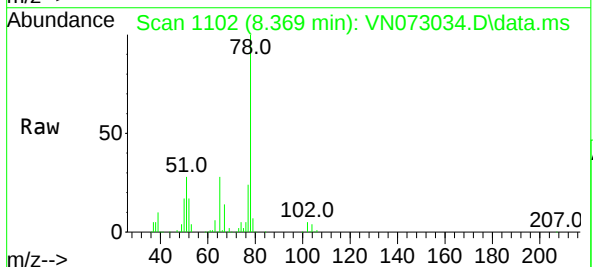
Instrument :
MSVOA_N
ClientSampleId :
MW-24

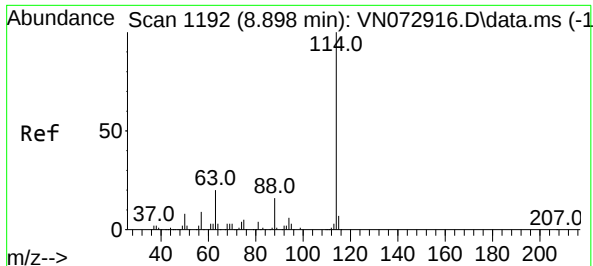
Tgt Ion:168 Resp: 298385
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.469 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion: 65 Resp: 179390
Ion Ratio Lower Upper
65 100
67 52.3 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: VN073034.D

Acq: 22 Jun 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

MW-24

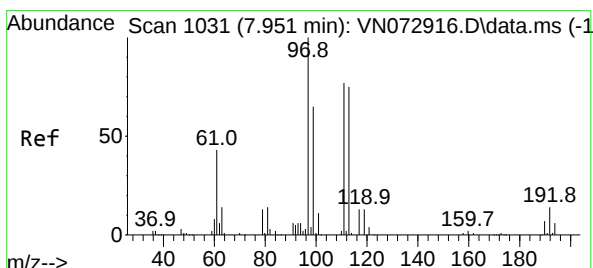
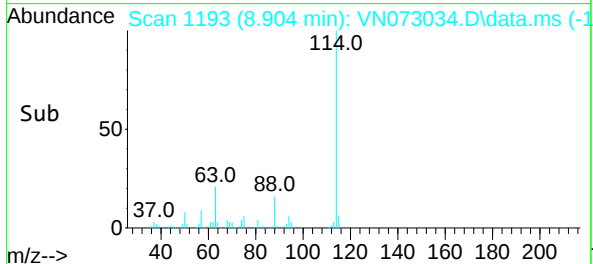
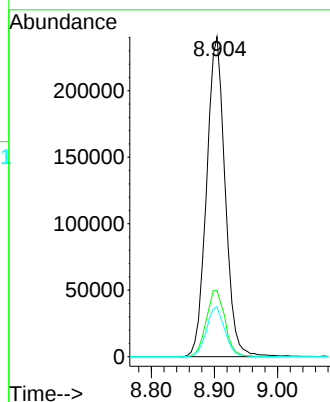
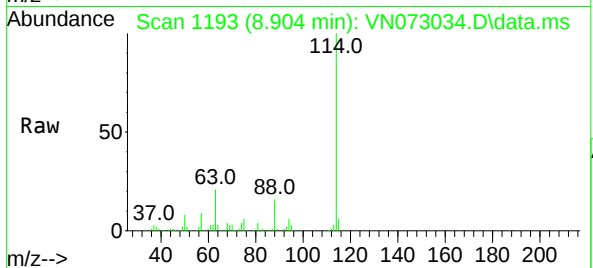
Tgt Ion:114 Resp: 489831

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.874 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073034.D

Acq: 22 Jun 2022 18:55

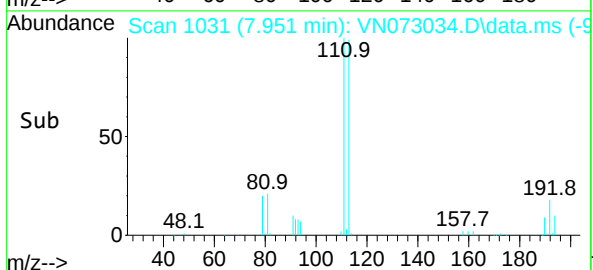
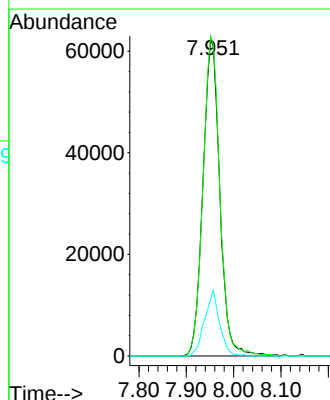
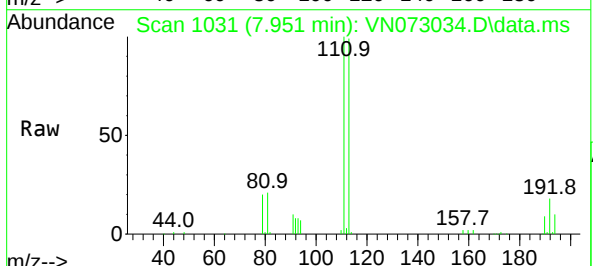
Tgt Ion:113 Resp: 154027

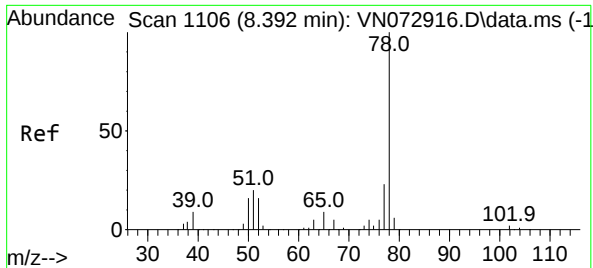
Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

192 18.4 17.0 25.6

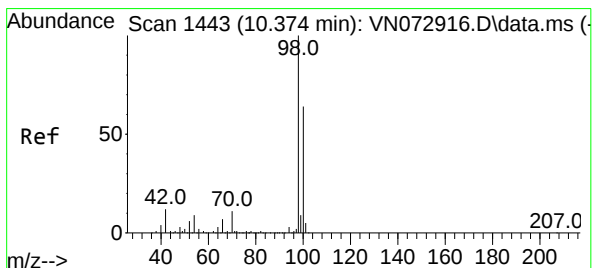
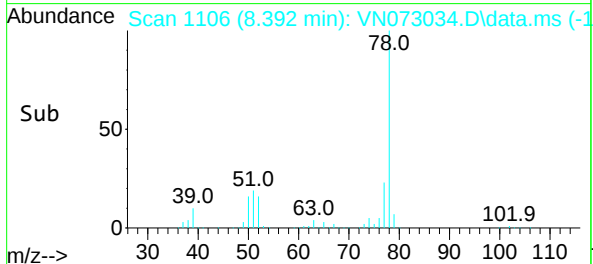
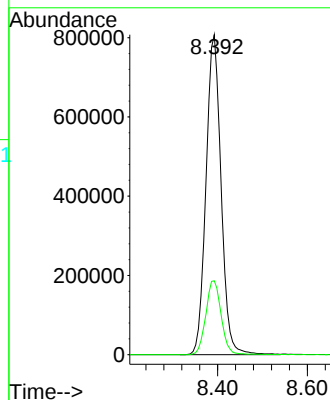
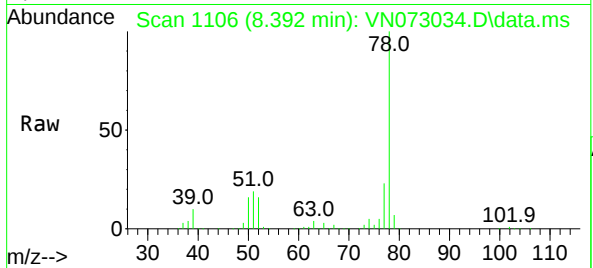




#40
Benzene
Concen: 146.203 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

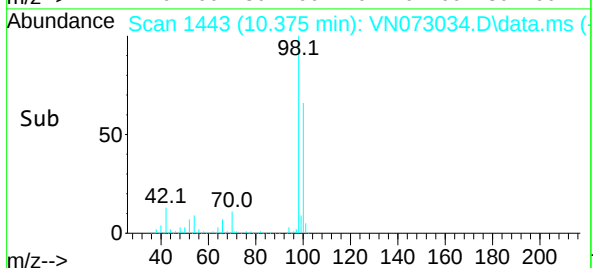
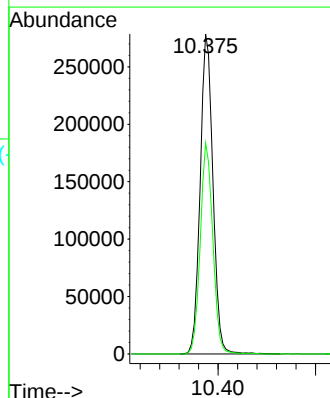
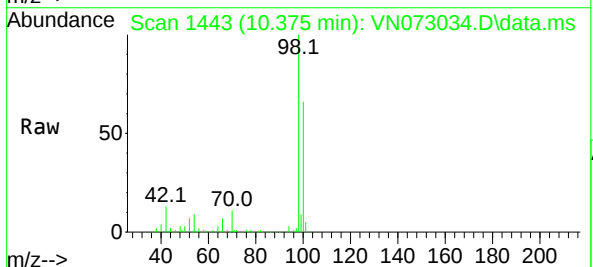
Instrument :
MSVOA_N
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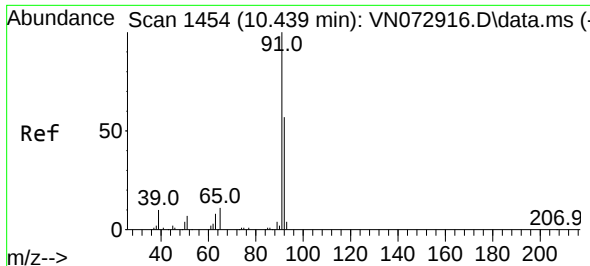
Tgt Ion: 78 Resp: 1882346
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0



#50
Toluene-d8
Concen: 44.967 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion: 98 Resp: 506584
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

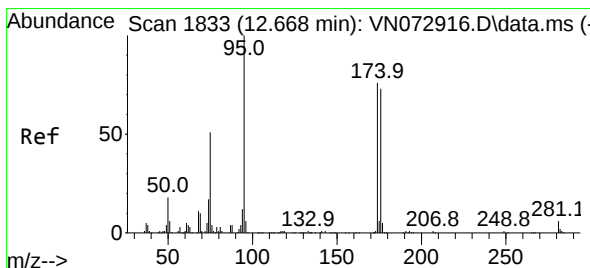
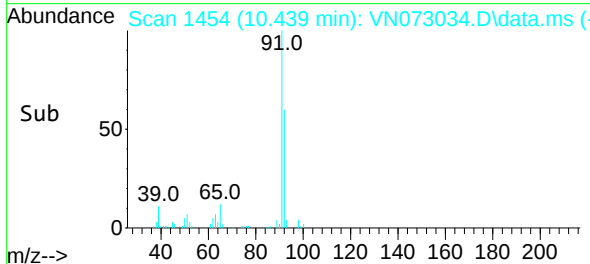
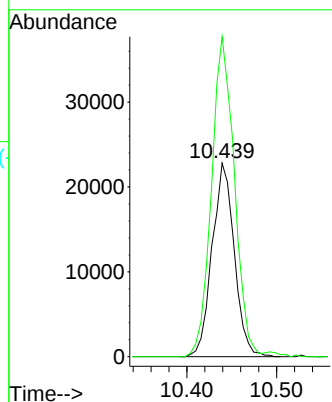
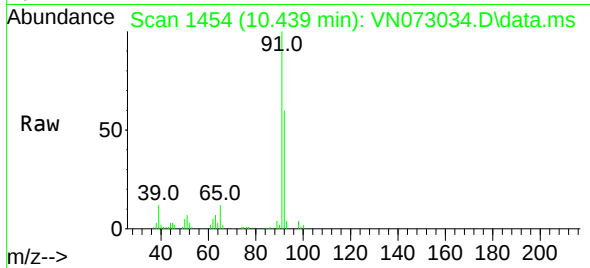




#52
Toluene
Concen: 4.947 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

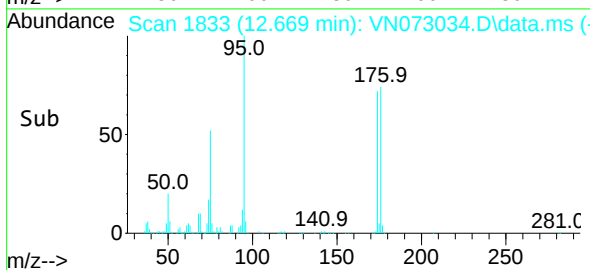
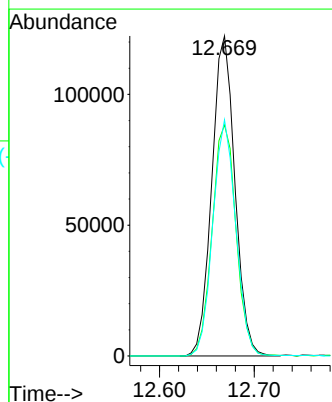
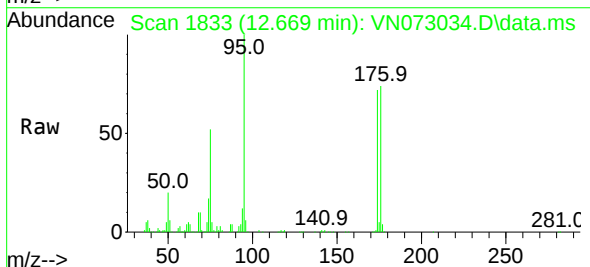
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ClientSampleId :
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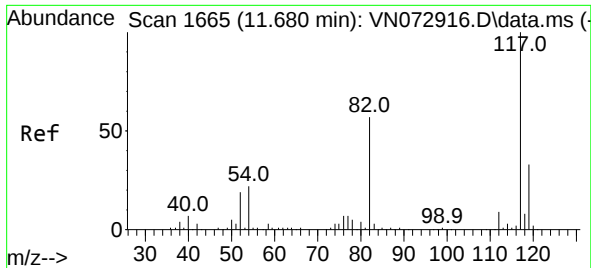
Tgt Ion: 92 Resp: 39104
Ion Ratio Lower Upper
92 100
91 170.4 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion: 95 Resp: 207121
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 73.4 0.0 163.4

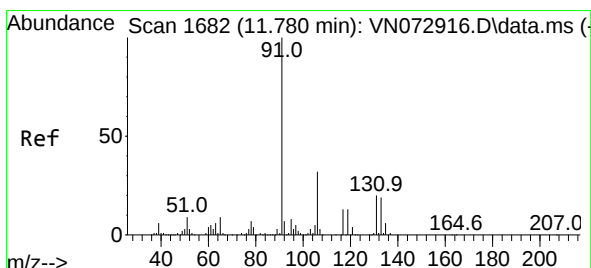
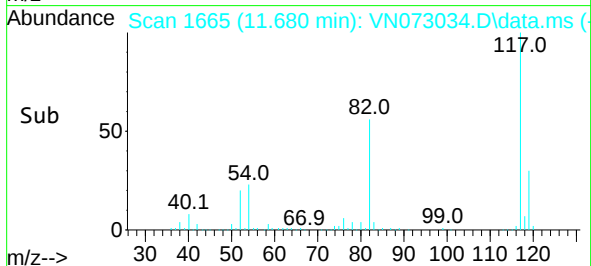
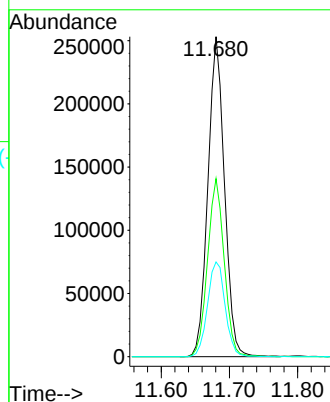
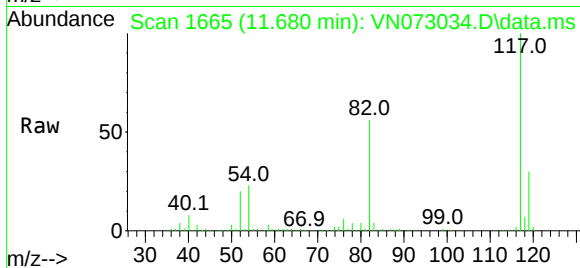




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

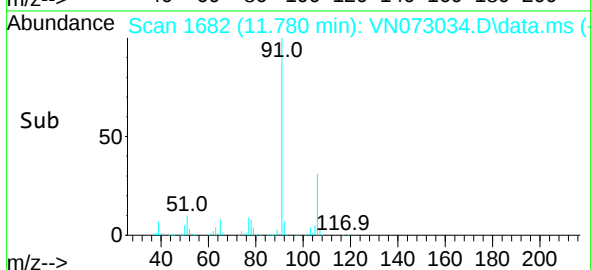
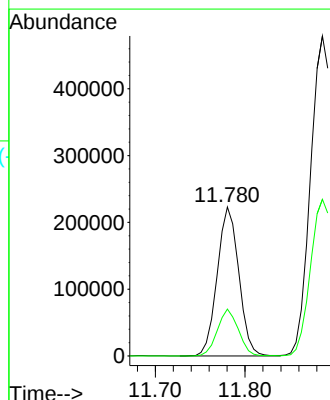
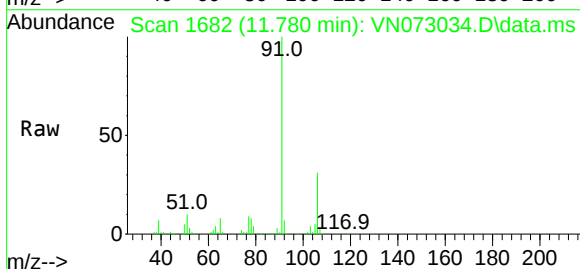
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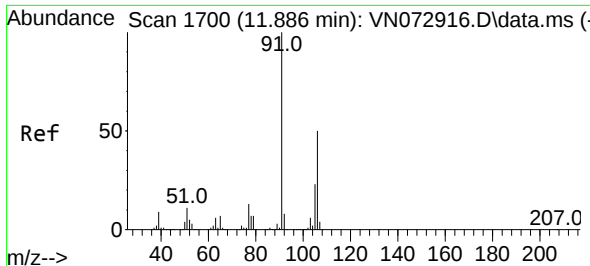
Tgt Ion:117 Resp: 428152
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 29.6 25.4 38.0



#67
Ethyl Benzene
Concen: 25.322 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion: 91 Resp: 372730
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

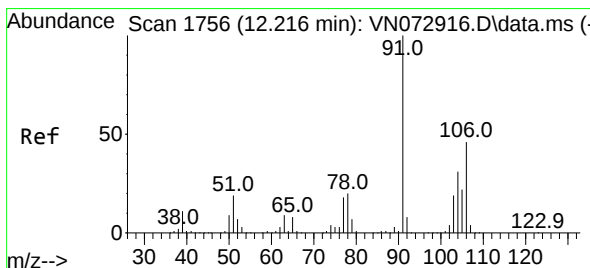
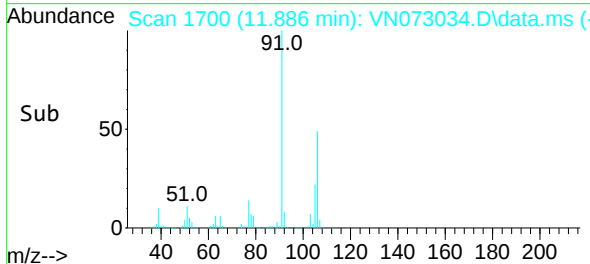
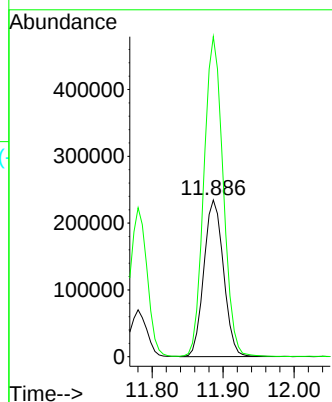
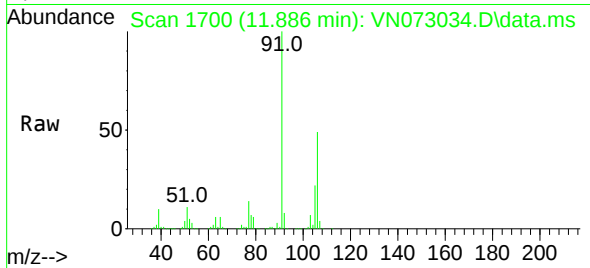




#68
m/p-Xylenes
Concen: 78.027 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

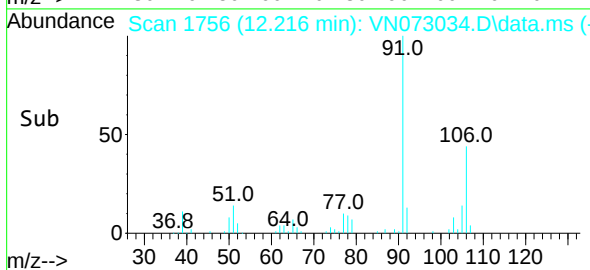
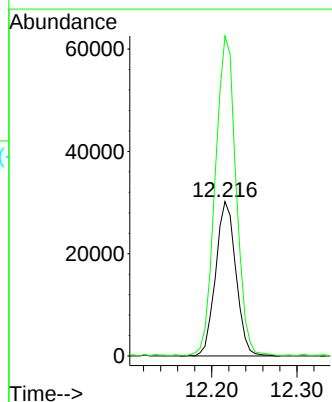
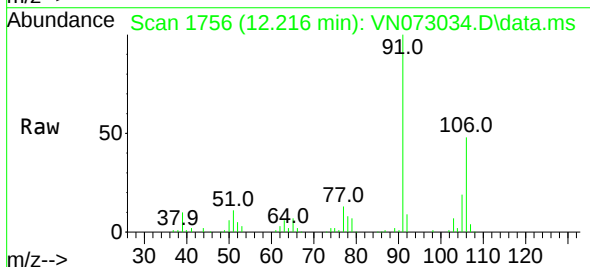
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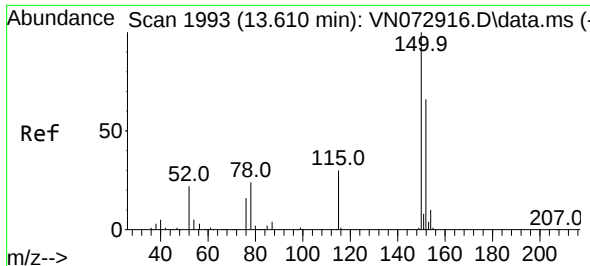
Tgt Ion:106 Resp: 450464
Ion Ratio Lower Upper
106 100
91 201.3 158.9 238.3



#69
o-Xylene
Concen: 8.640 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion:106 Resp: 49845
Ion Ratio Lower Upper
106 100
91 213.6 106.0 318.0

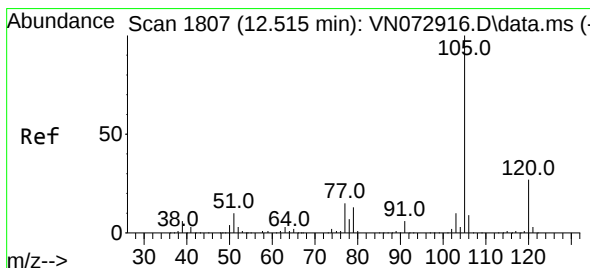
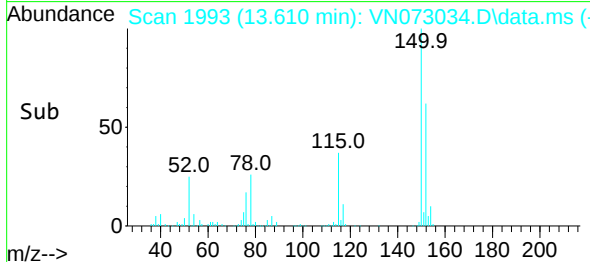
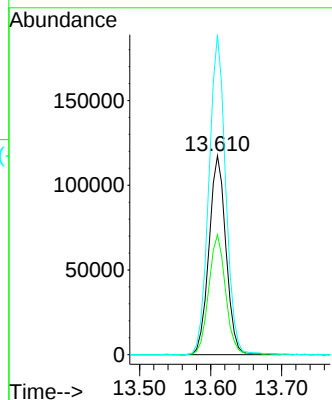
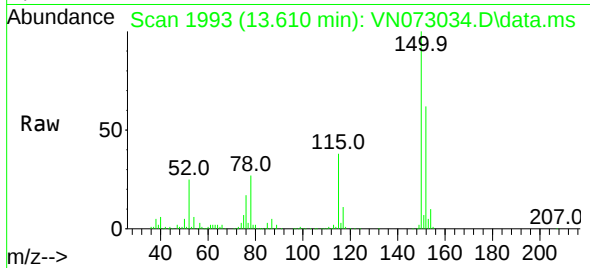




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

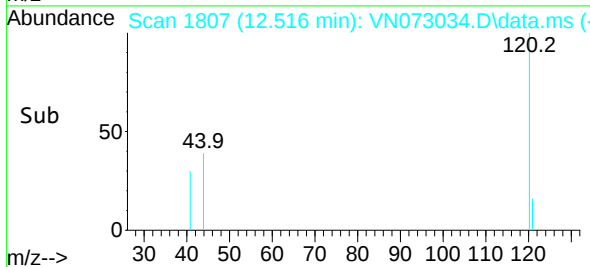
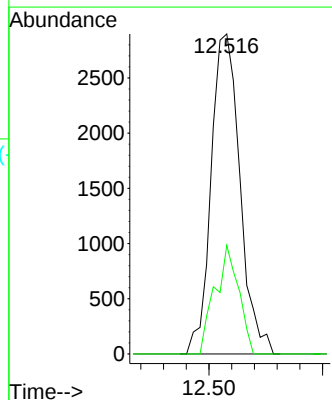
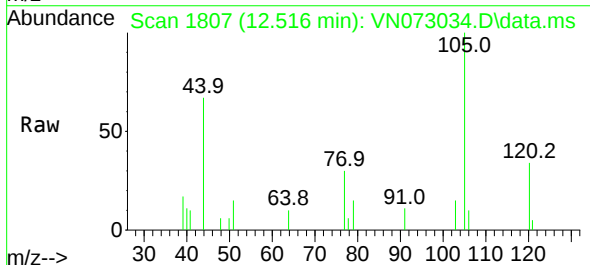
Instrument :
MSVOA_N
ClientSampleId :
MW-24

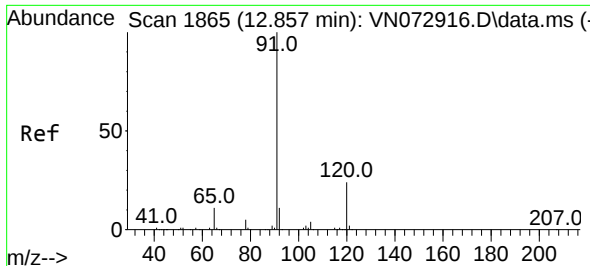
Tgt Ion:152 Resp: 195055
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 158.9 0.0 356.2



#73
Isopropylbenzene
Concen: 0.339 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion:105 Resp: 5111
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4

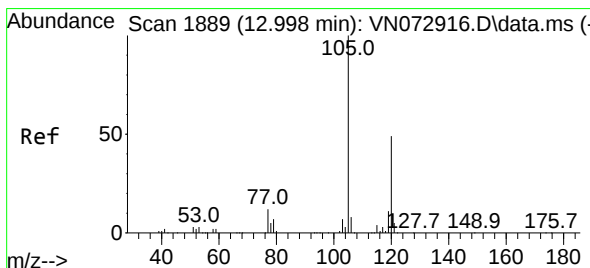
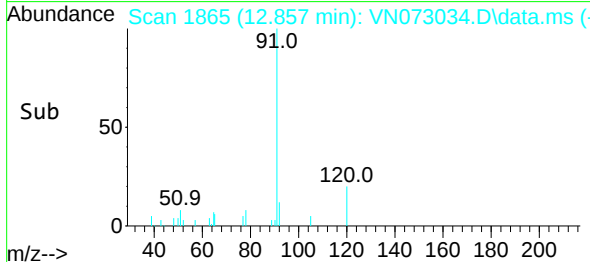
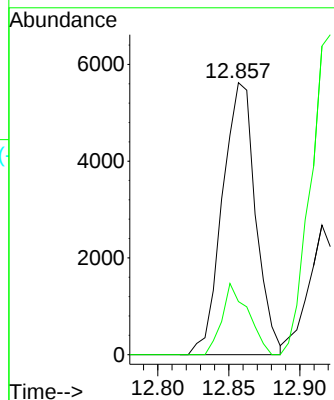
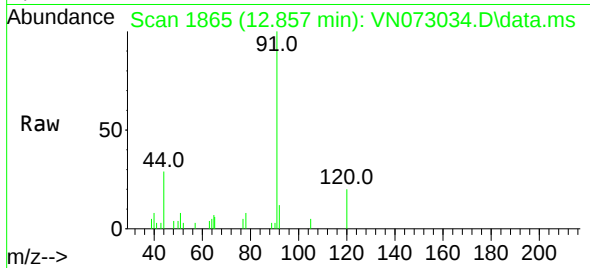




#78
n-propylbenzene
Concen: 0.552 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

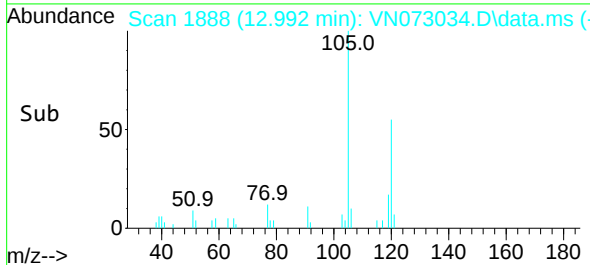
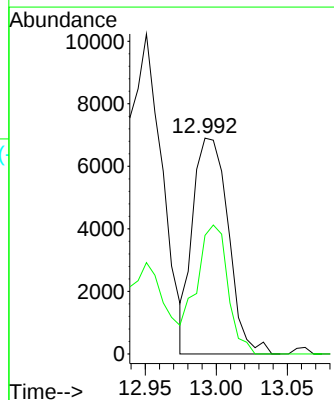
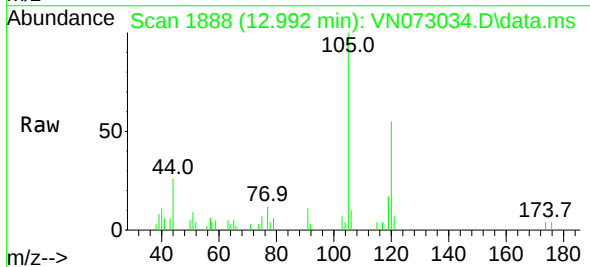
Instrument :
MSVOA_N
ClientSampleId :
MW-24

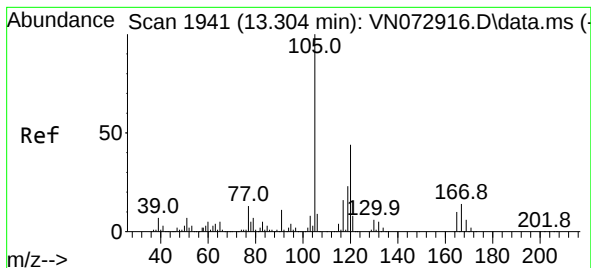
Tgt Ion: 91 Resp: 9168
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.968 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073034.D
Acq: 22 Jun 2022 18:55

Tgt Ion: 105 Resp: 11999
Ion Ratio Lower Upper
105 100
120 52.8 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 4.287 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073034.D

Acq: 22 Jun 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

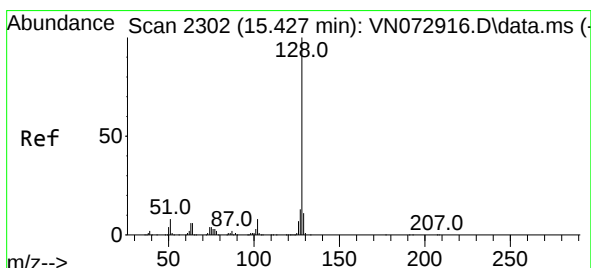
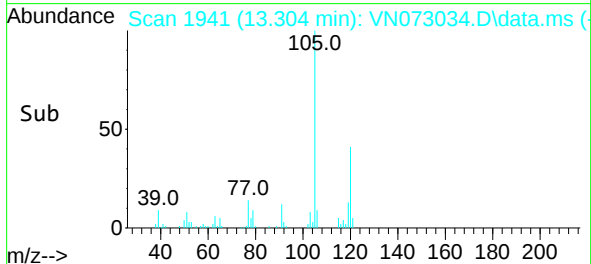
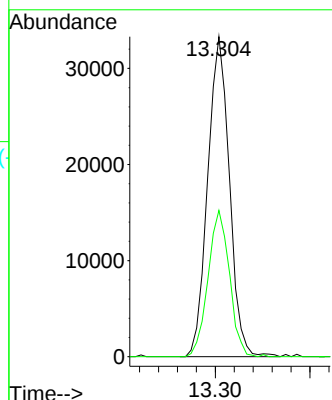
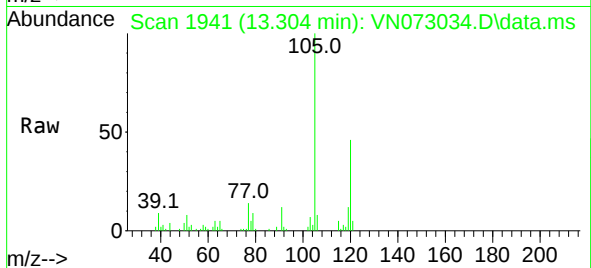
MW-24

Tgt Ion:105 Resp: 52931

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8



#95

Naphthalene

Concen: 2.243 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073034.D

Acq: 22 Jun 2022 18:55

Tgt Ion:128 Resp: 33795

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 9.7 8.6 13.0

