

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071602.D
 Acq On : 28 Mar 2022 13:49
 Operator : JC\MD
 Sample : N2131-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Mar 29 04:38:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

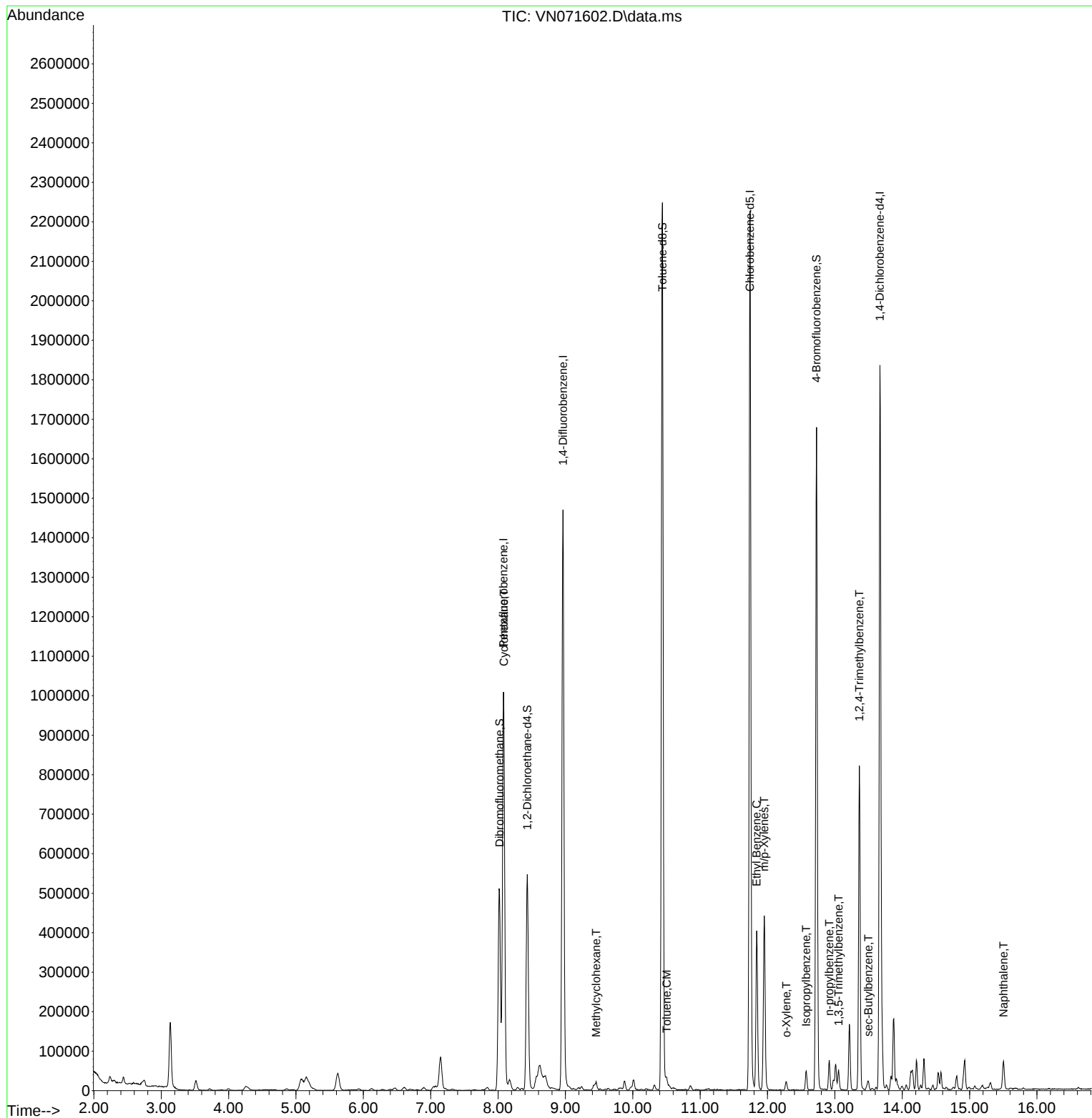
Internal Standards						
1) Pentafluorobenzene	8.081	168	814098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1347224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1342568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	532497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	457461	45.229	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.460%
35) Dibromofluoromethane	8.022	113	379082	44.772	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.540%
50) Toluene-d8	10.439	98	1658469	48.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.727	95	580019	51.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.660%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.086	56	34738	2.400	ug/l #	57
39) Methylcyclohexane	9.457	83	8419	0.562	ug/l	94
52) Toluene	10.504	92	8470	0.356	ug/l	98
67) Ethyl Benzene	11.839	91	297845	6.091	ug/l	98
68) m/p-Xylenes	11.951	106	149440	7.987	ug/l	98
69) o-Xylene	12.280	106	6387	0.344	ug/l	98
73) Isopropylbenzene	12.574	105	32629	0.695	ug/l	99
78) n-propylbenzene	12.916	91	59187	1.185	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	24794	0.669	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	482570	13.494	ug/l	99
85) sec-Butylbenzene	13.498	105	14903	0.336	ug/l	81
95) Naphthalene	15.504	128	70006	5.632	ug/l	100

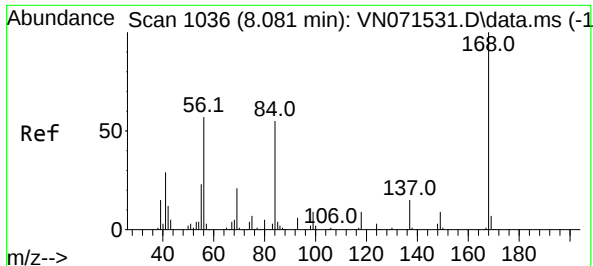
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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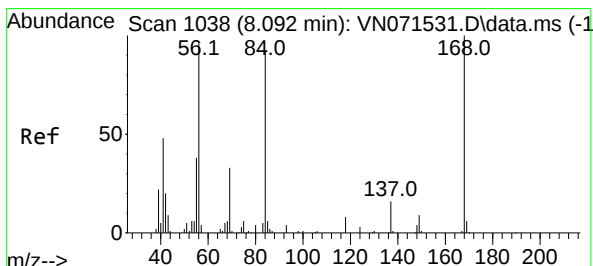
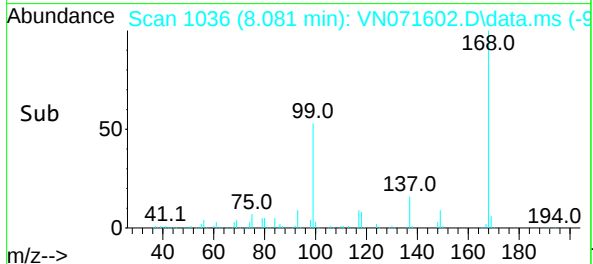
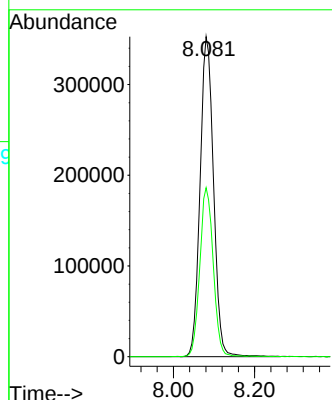
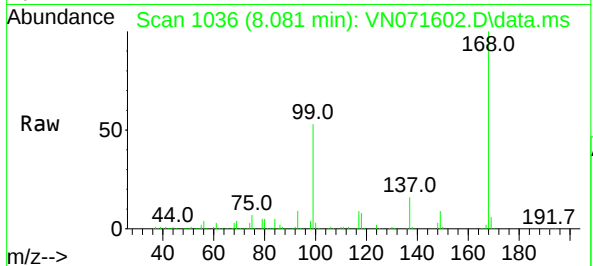




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

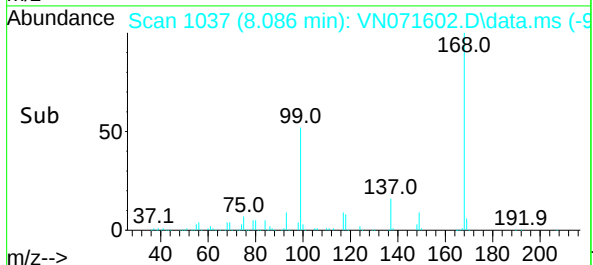
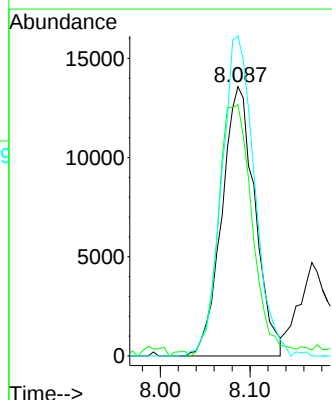
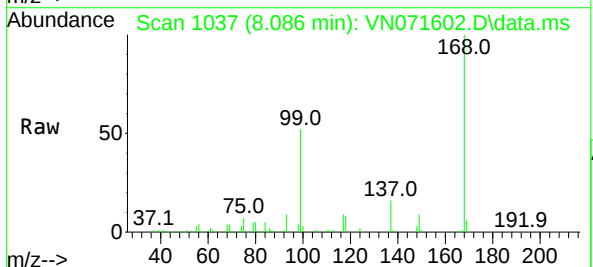
Instrument :
MSVOA_N
ClientSampleId :
MW-12

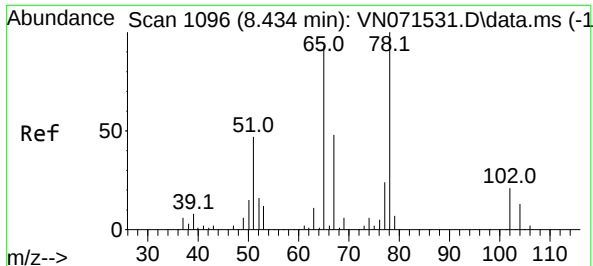
Tgt Ion:168 Resp: 814098
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#31
Cyclohexane
Concen: 2.400 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 56 Resp: 34738
Ion Ratio Lower Upper
56 100
69 91.8 27.8 41.8#
84 118.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 45.229 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071602.D

Acq: 28 Mar 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

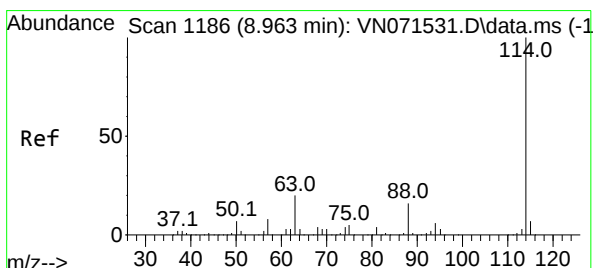
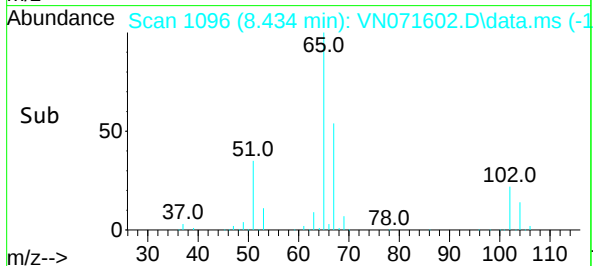
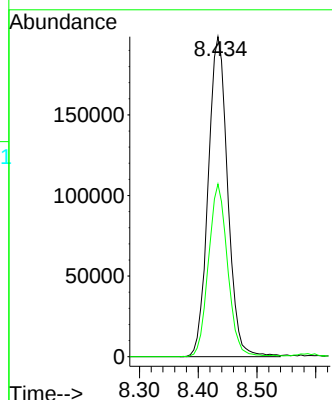
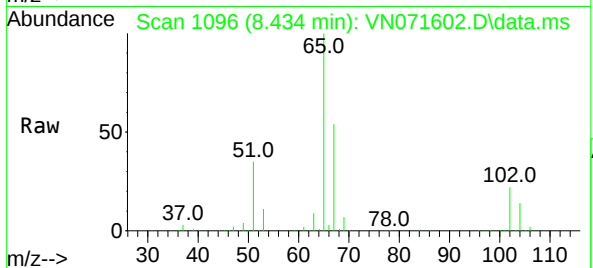
MW-12

Tgt Ion: 65 Resp: 457461

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071602.D

Acq: 28 Mar 2022 13:49

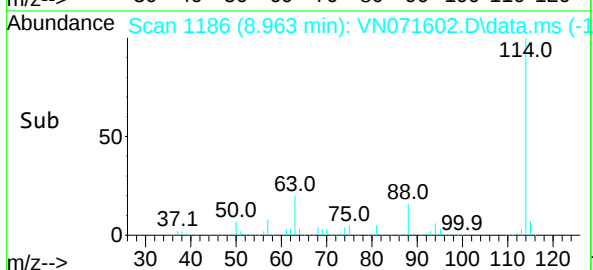
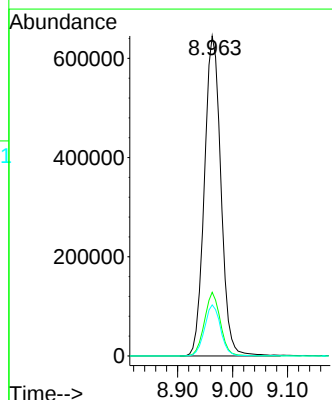
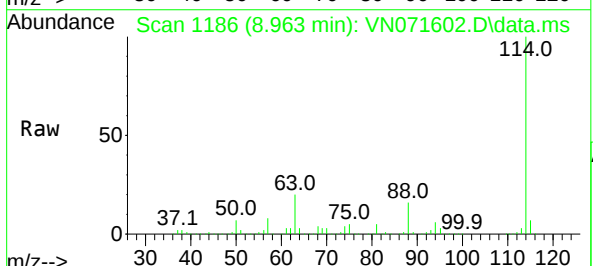
Tgt Ion: 114 Resp: 1347224

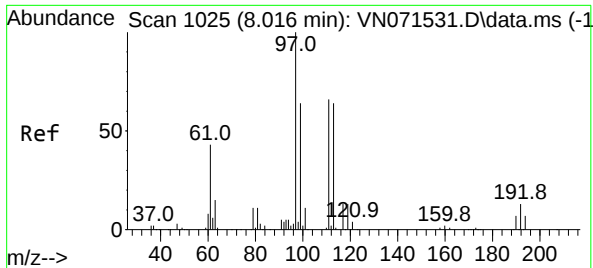
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 16.0 0.0 32.6

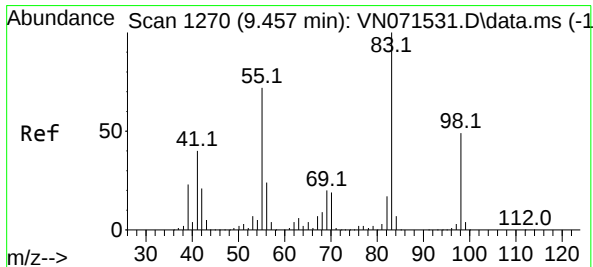
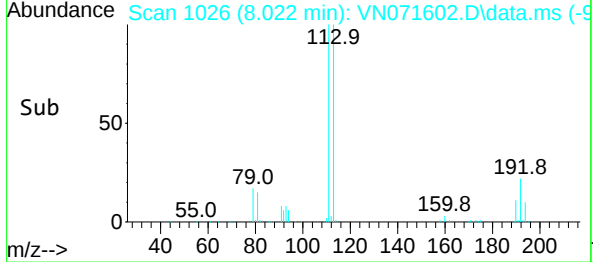
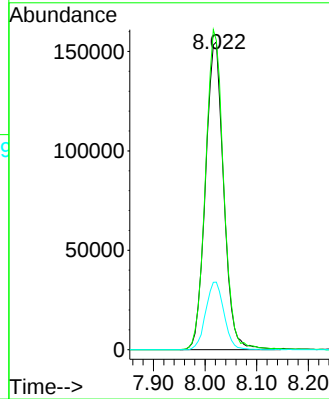
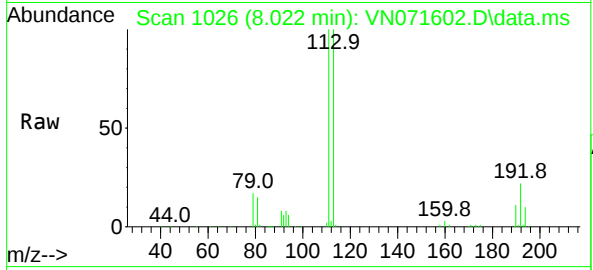




#35
Dibromofluoromethane
Concen: 44.772 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

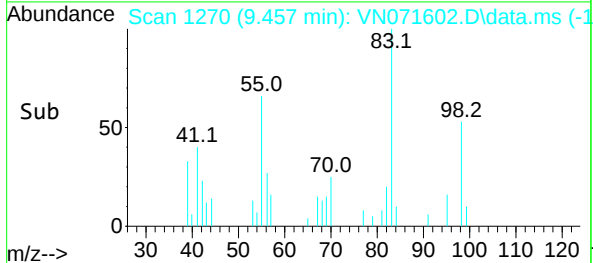
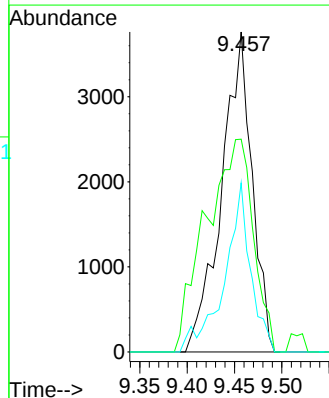
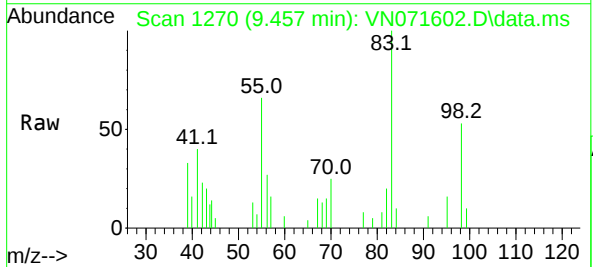
Instrument :
MSVOA_N
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MW-12

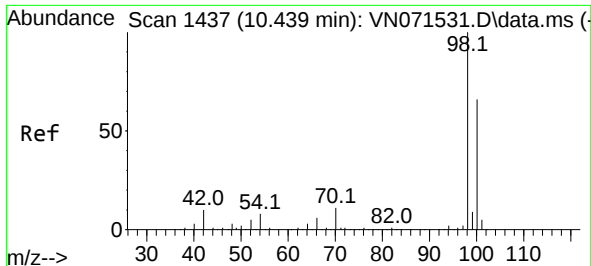
Tgt Ion:113 Resp: 379082
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 22.0 17.0 25.6



#39
Methylcyclohexane
Concen: 0.562 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 83 Resp: 8419
Ion Ratio Lower Upper
83 100
55 66.5 57.8 86.8
98 52.9 39.4 59.2

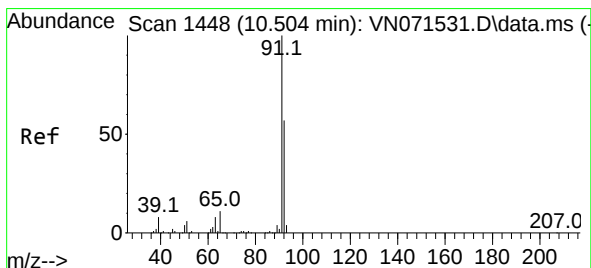
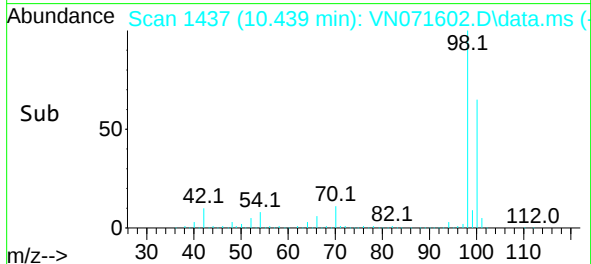
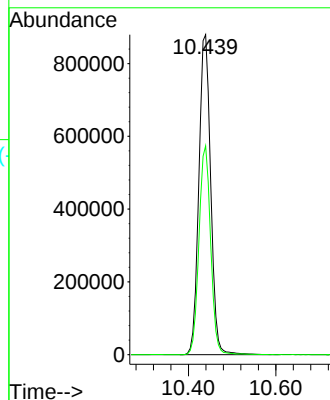
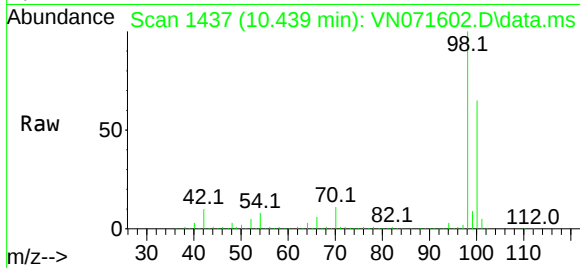




#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

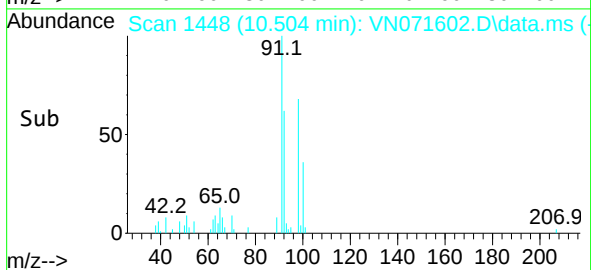
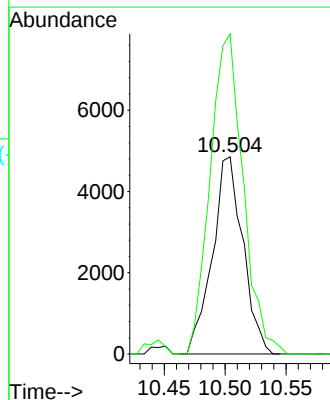
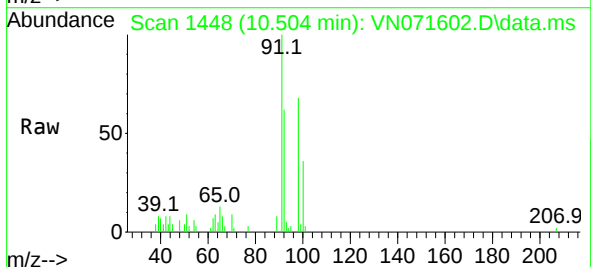
Instrument :
MSVOA_N
ClientSampleId :
MW-12

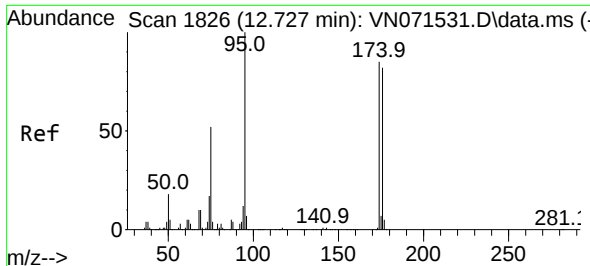
Tgt Ion: 98 Resp: 1658469
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#52
Toluene
Concen: 0.356 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 92 Resp: 8470
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

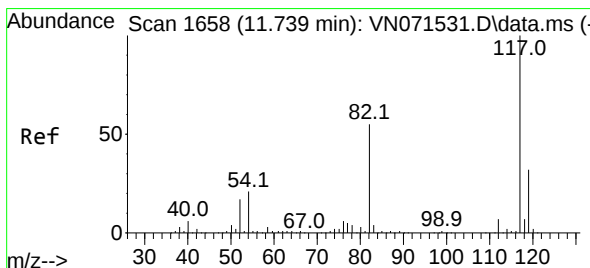
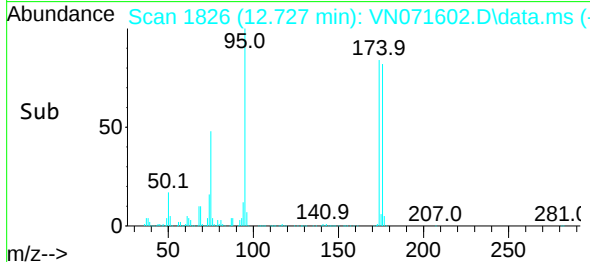
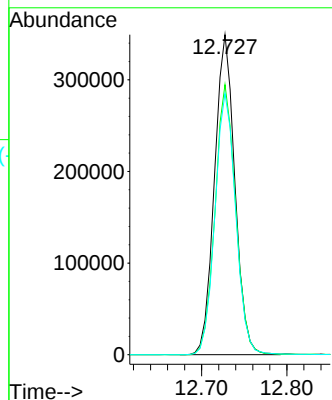
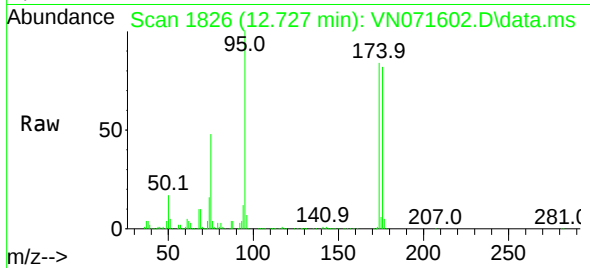




#62
4-Bromofluorobenzene
Concen: 51.833 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

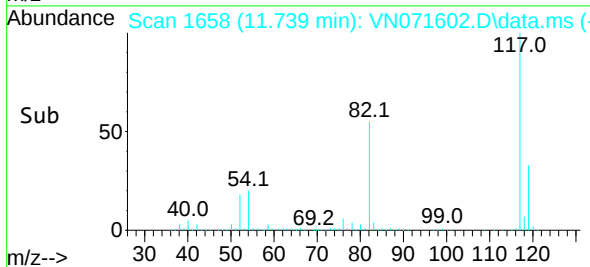
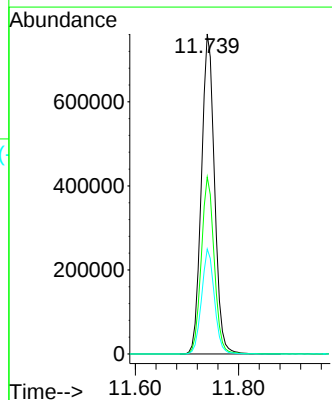
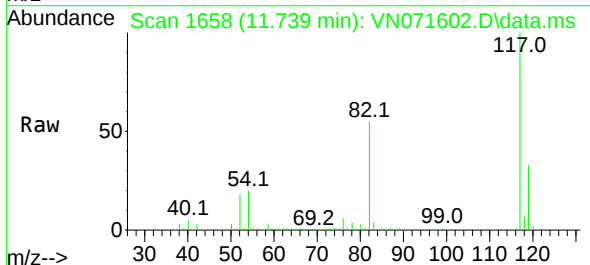
Instrument :
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ClientSampleId :
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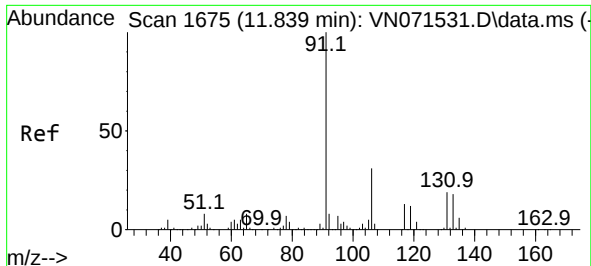
Tgt Ion: 95 Resp: 580019
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 83.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 117 Resp: 1342568
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.8 25.4 38.0

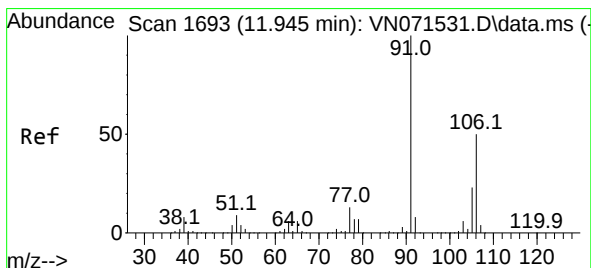
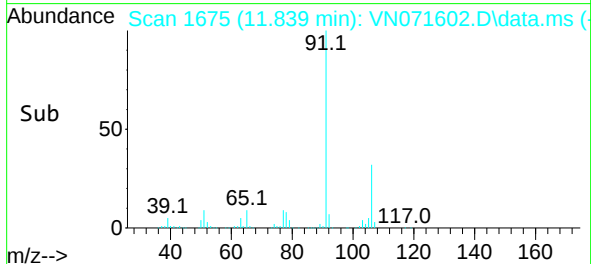
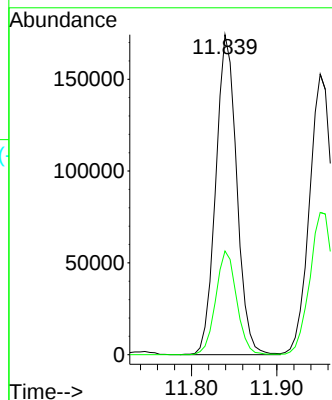
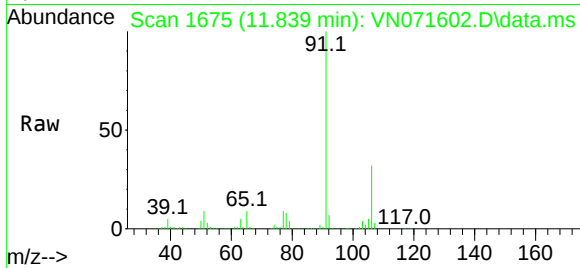




#67
Ethyl Benzene
Concen: 6.091 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

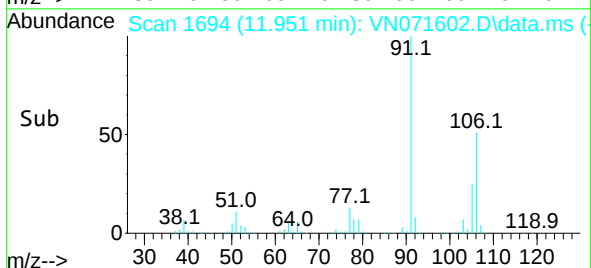
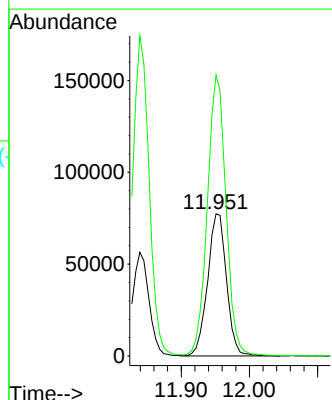
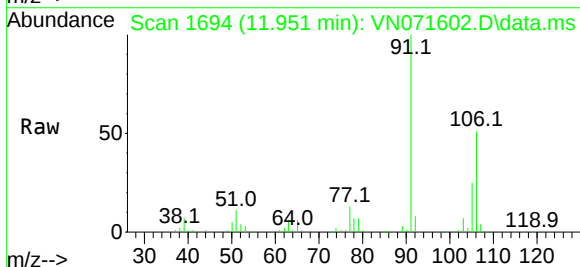
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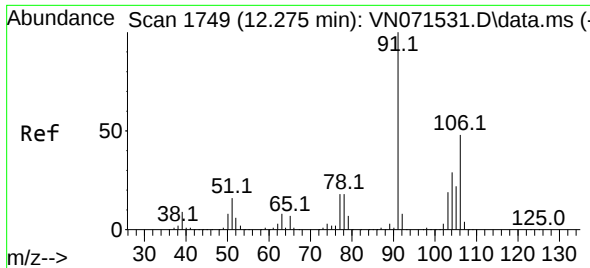
Tgt Ion: 91 Resp: 297845
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 7.987 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 106 Resp: 149440
Ion Ratio Lower Upper
106 100
91 195.9 158.9 238.3

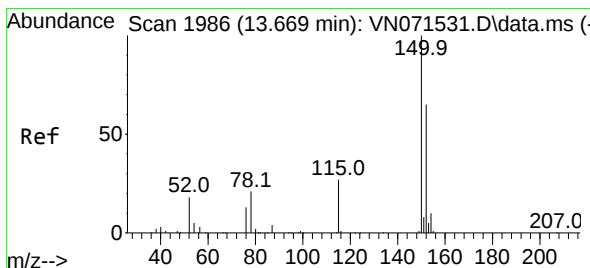
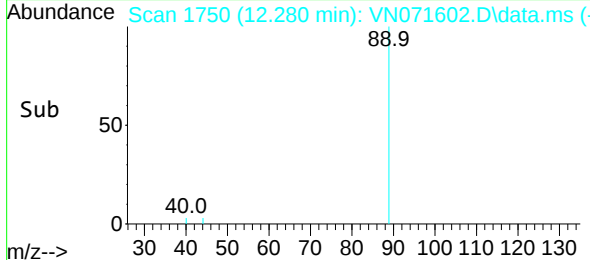
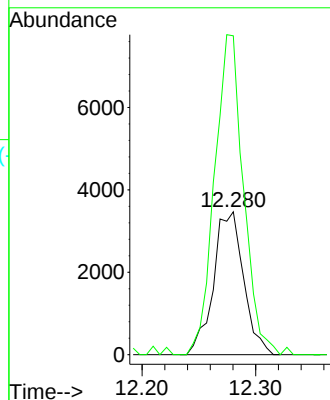
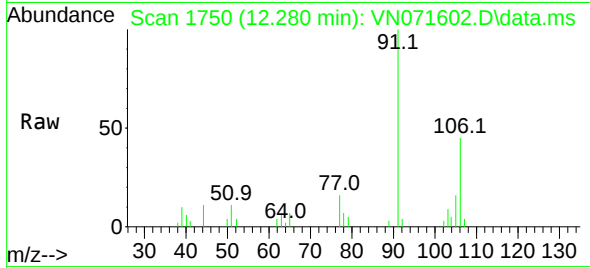




#69
o-Xylene
Concen: 0.344 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

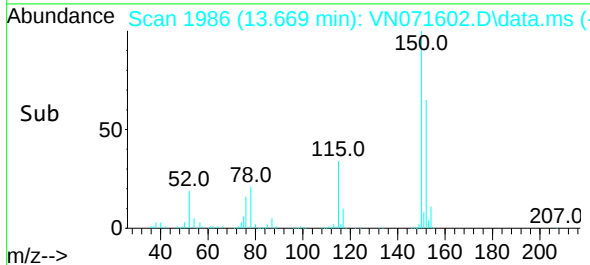
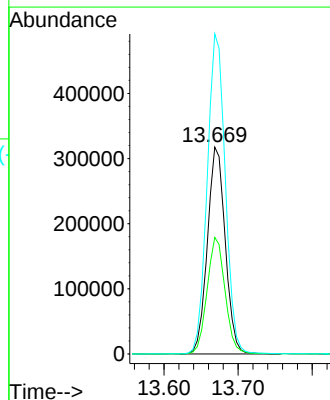
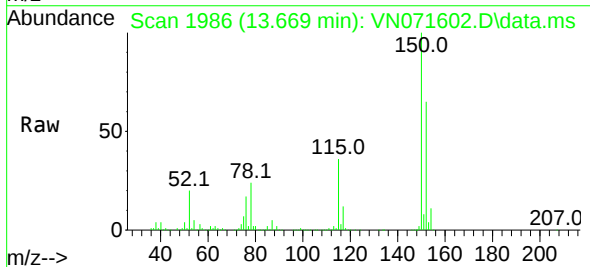
Instrument :
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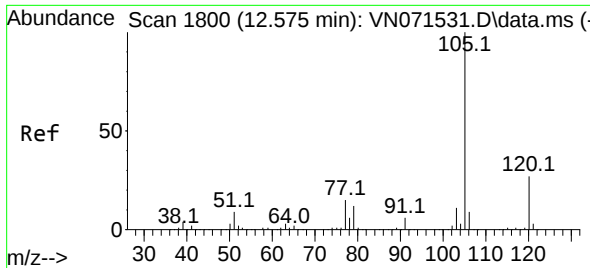
Tgt Ion:106 Resp: 6387
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion:152 Resp: 532497
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.2 0.0 356.2

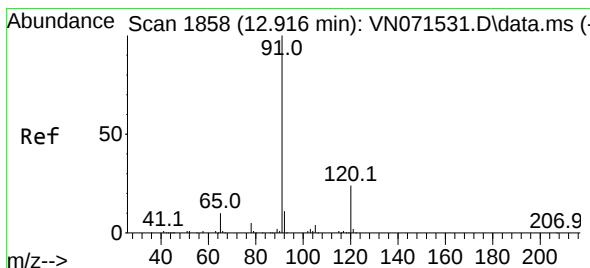
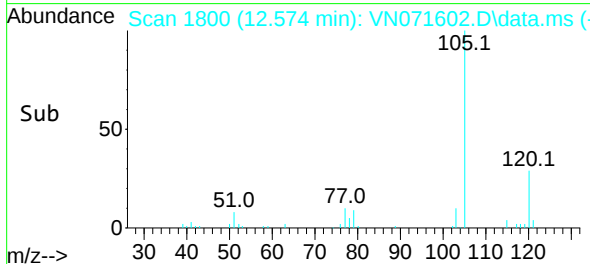
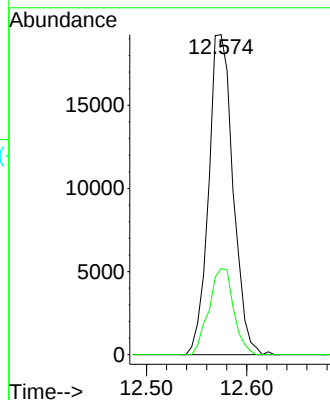
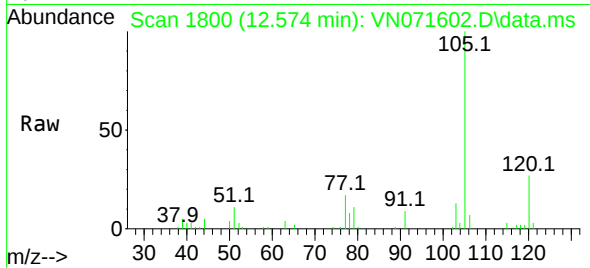




#73
Isopropylbenzene
Concen: 0.695 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

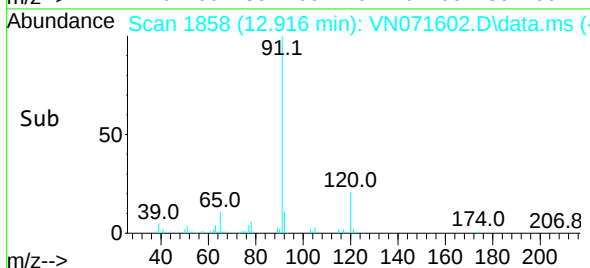
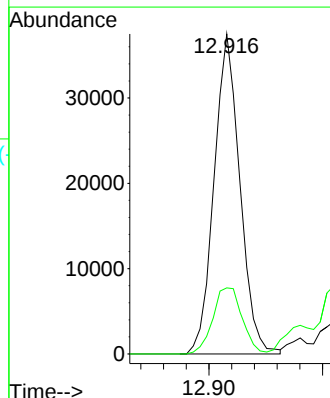
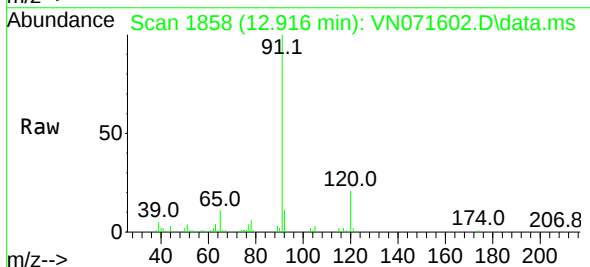
Instrument :
MSVOA_N
ClientSampleId :
MW-12

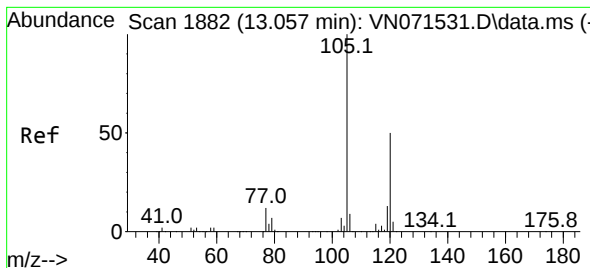
Tgt Ion:105 Resp: 32629
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#78
n-propylbenzene
Concen: 1.185 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071602.D
Acq: 28 Mar 2022 13:49

Tgt Ion: 91 Resp: 59187
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 0.669 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN071602.D

Acq: 28 Mar 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

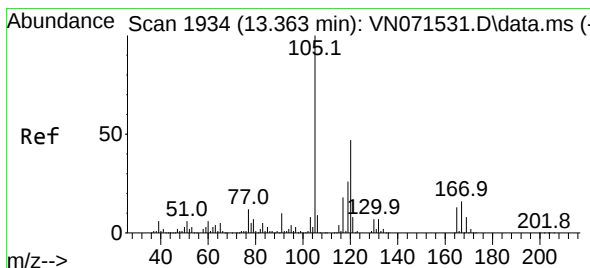
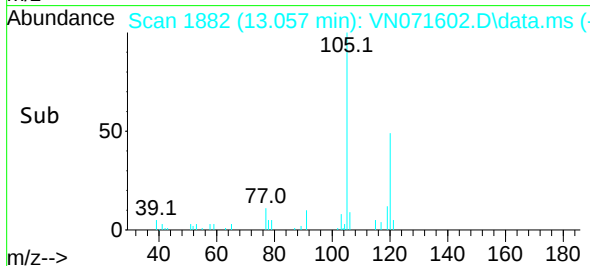
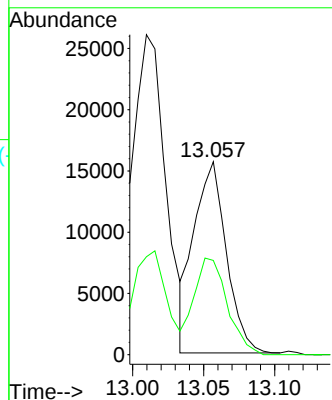
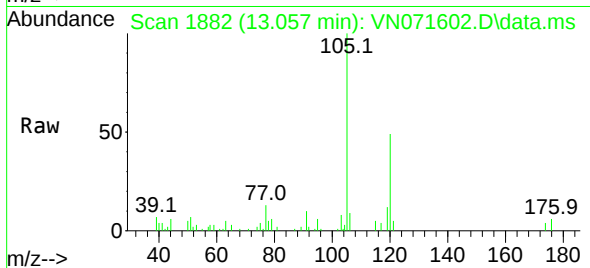
MW-12

Tgt Ion:105 Resp: 24794

Ion Ratio Lower Upper

105 100

120 52.1 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 13.494 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN071602.D

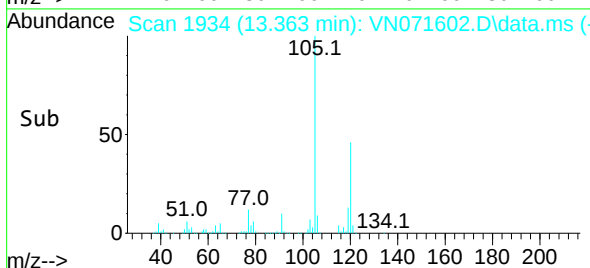
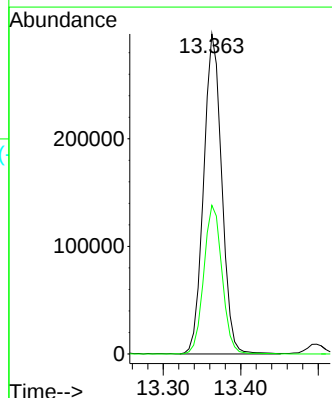
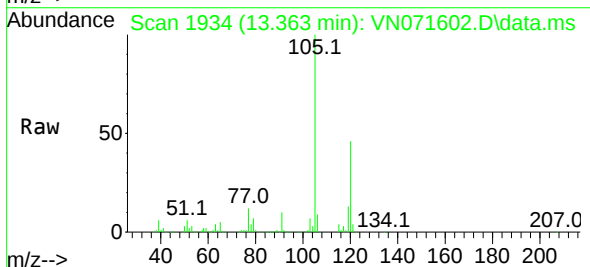
Acq: 28 Mar 2022 13:49

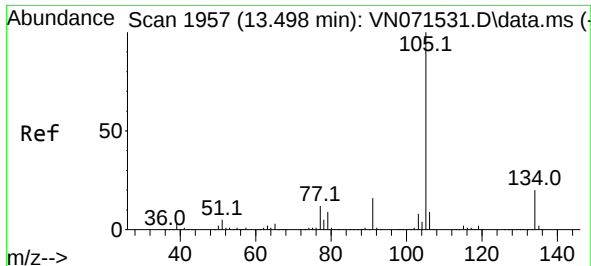
Tgt Ion:105 Resp: 482570

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.8

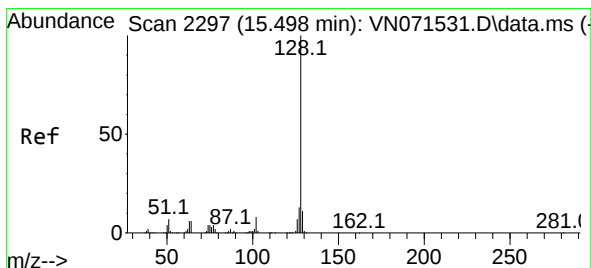
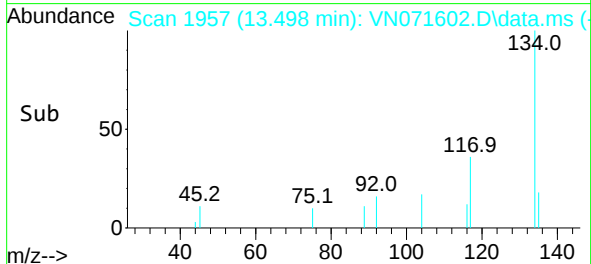
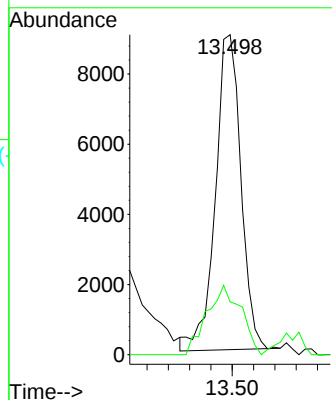
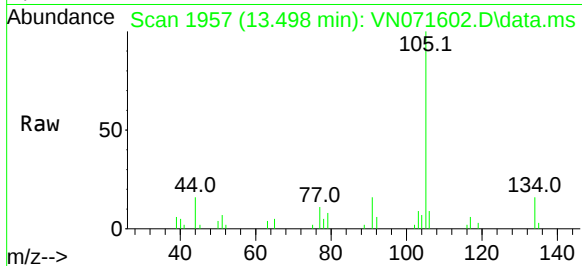




#85
 sec-Butylbenzene
 Concen: 0.336 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071602.D
 Acq: 28 Mar 2022 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Tgt Ion:105 Resp: 14903
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.4 31.1



#95
 Naphthalene
 Concen: 5.632 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN071602.D
 Acq: 28 Mar 2022 13:49

Tgt Ion:128 Resp: 70006
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.6 13.0

