

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071104.D
 Acq On : 28 Feb 2022 19:08
 Operator : JC\MD
 Sample : N1689-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: Mar 01 04:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

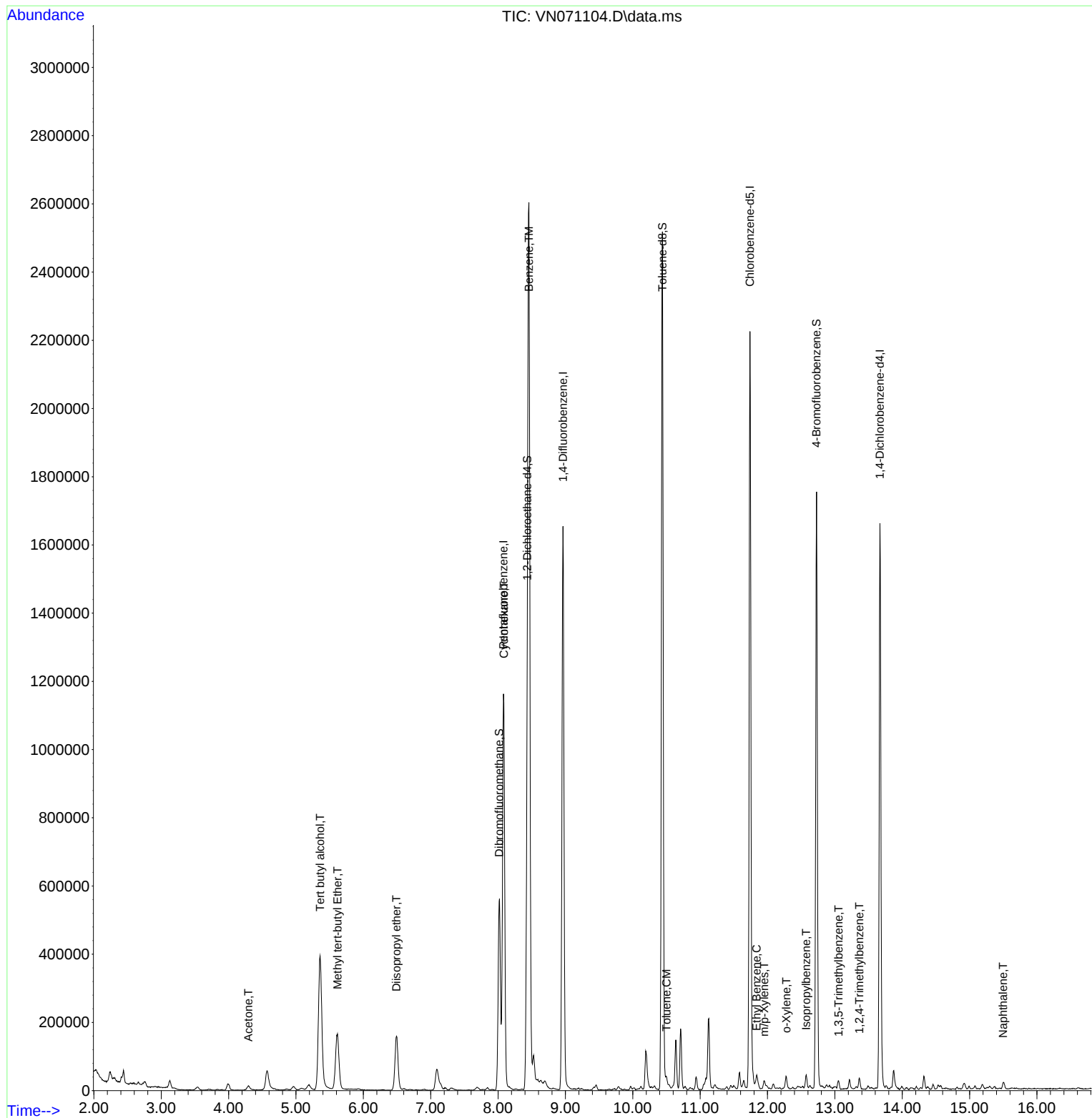
Internal Standards						
1) Pentafluorobenzene	8.081	168	911745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1452810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1303817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	466302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	545950	52.419	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.840%	
35) Dibromofluoromethane	8.016	113	419211	48.512	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.020%	
50) Toluene-d8	10.439	98	1767955	50.946	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.727	95	613283	49.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.357	59	763233	402.109	ug/l	97
16) Acetone	4.293	43	19995	3.486	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	273823	8.745	ug/l #	90
22) Diisopropyl ether	6.492	45	209187	6.407	ug/l	88
31) Cyclohexane	8.086	56	27317	1.517	ug/l #	41
40) Benzene	8.457	78	2503774	59.788	ug/l	99
52) Toluene	10.498	92	9503	0.361	ug/l	99
67) Ethyl Benzene	11.839	91	23575	0.479	ug/l	100
68) m/p-Xylenes	11.951	106	9009	0.474	ug/l	99
69) o-Xylene	12.280	106	9842	0.530	ug/l	91
73) Isopropylbenzene	12.574	105	20382	0.543	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	8124	0.267	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	17743	0.593	ug/l	99
95) Naphthalene	15.498	128	20614	5.880	ug/l	97

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

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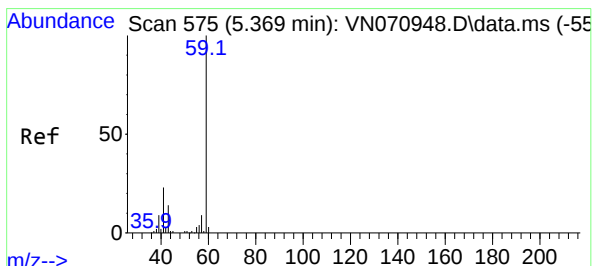
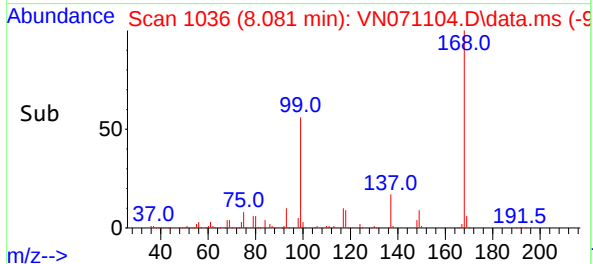
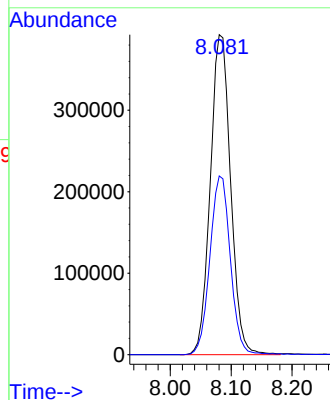
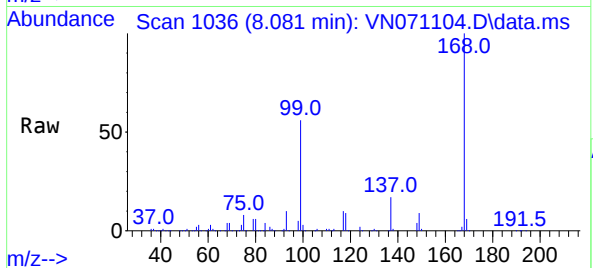




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

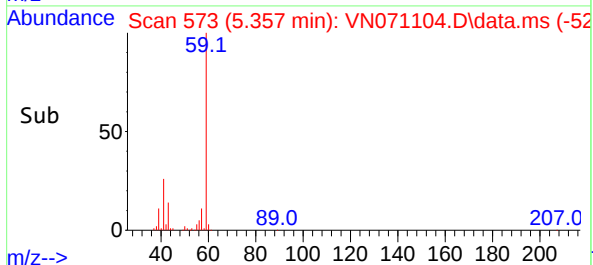
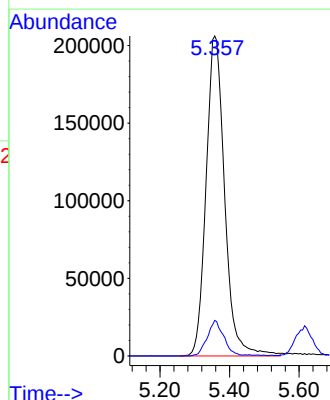
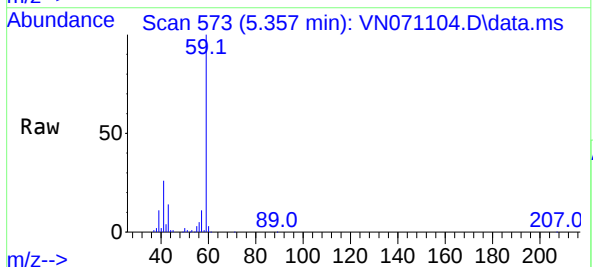
Instrument :
MSVOA_N
ClientSampleId :
MW-40

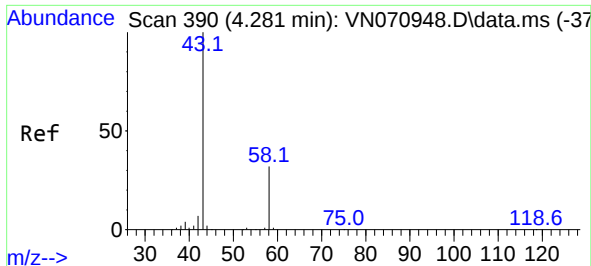
Tgt Ion:168 Resp: 911745
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9



#11
Tert butyl alcohol
Concen: 402.109 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 59 Resp: 763233
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

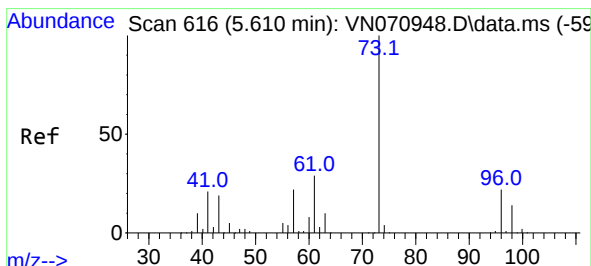
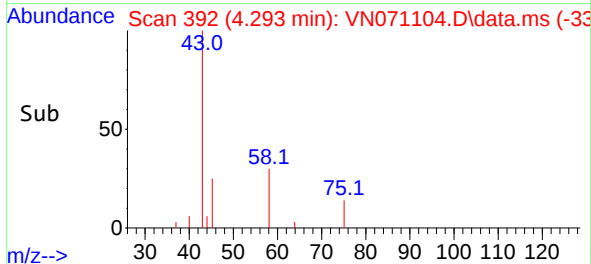
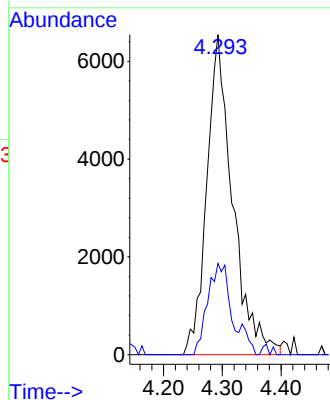
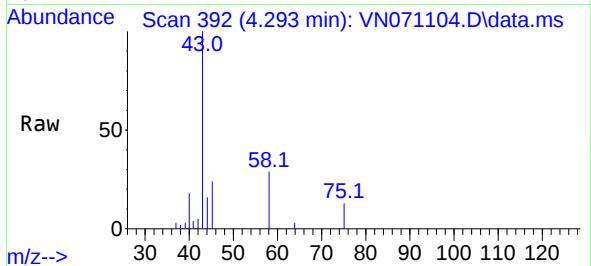




#16
Acetone
Concen: 3.486 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

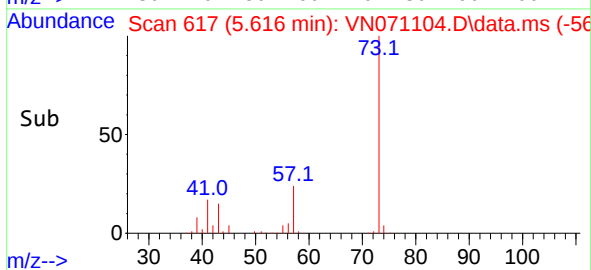
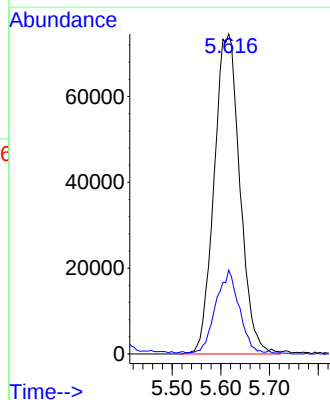
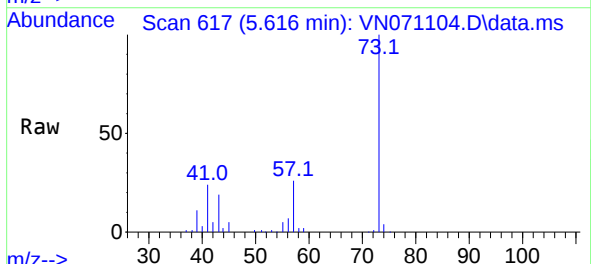
Instrument :
MSVOA_N
ClientSampleId :
MW-40

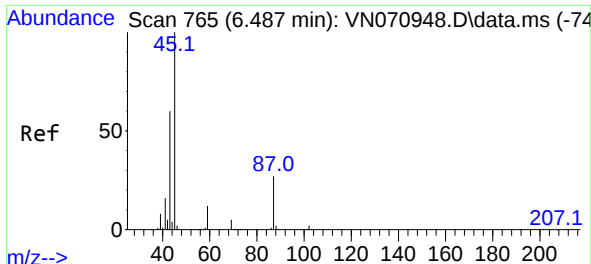
Tgt Ion: 43 Resp: 19995
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 8.745 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 73 Resp: 273823
Ion Ratio Lower Upper
73 100
57 25.8 16.8 25.2#



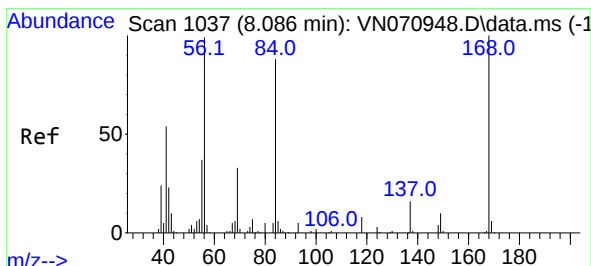
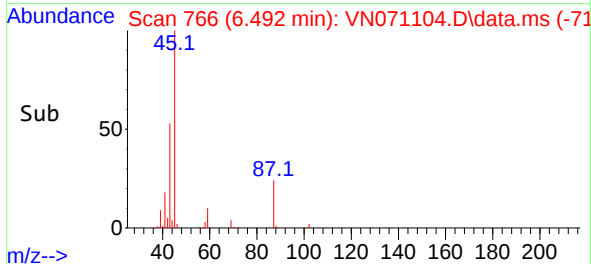
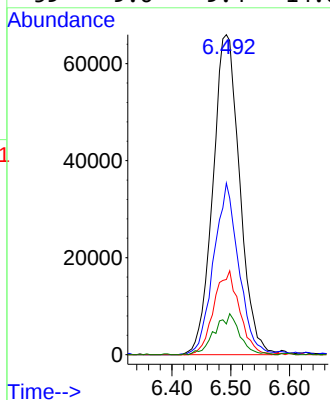
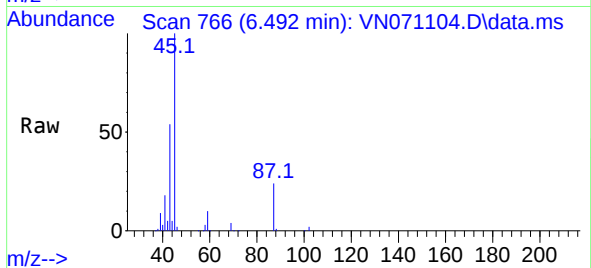


#22
Diisopropyl ether
Concen: 6.407 ug/l
RT: 6.492 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
MW-40

Tgt Ion: 45 Resp: 209187

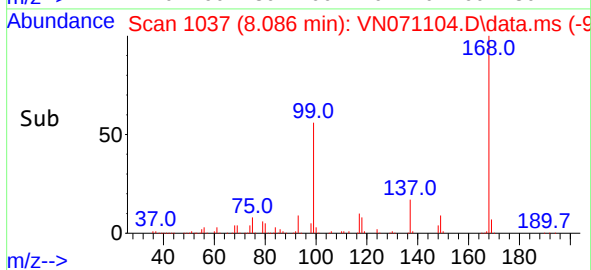
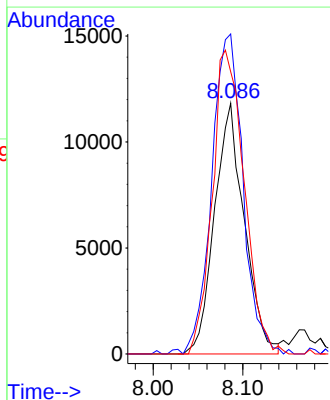
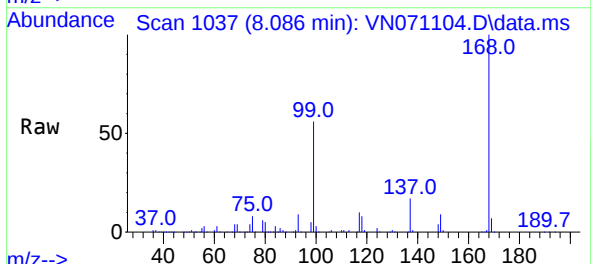
Ion	Ratio	Lower	Upper
45	100		
43	53.6	51.7	77.5
87	23.5	23.2	34.8
59	9.6	9.4	14.0

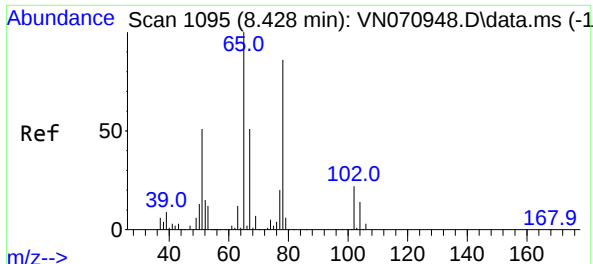


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 56 Resp: 27317

Ion	Ratio	Lower	Upper
56	100		
69	125.7	27.1	40.7#
84	112.6	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.419 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071104.D

Acq: 28 Feb 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

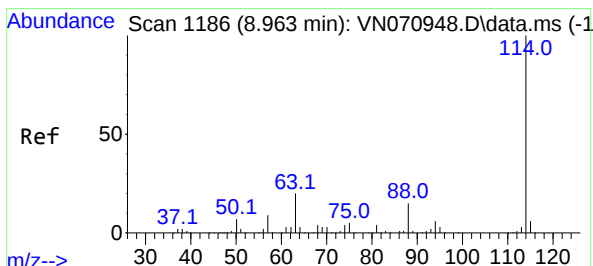
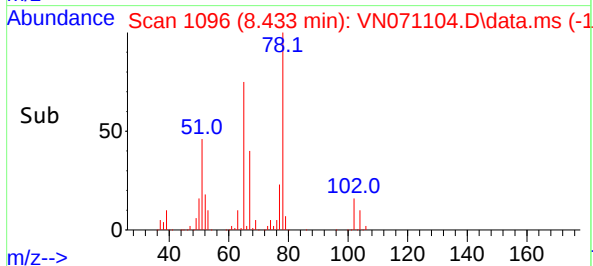
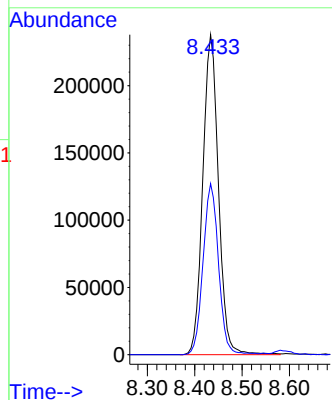
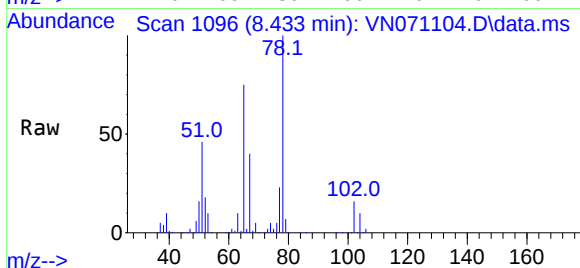
MW-40

Tgt Ion: 65 Resp: 545950

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071104.D

Acq: 28 Feb 2022 19:08

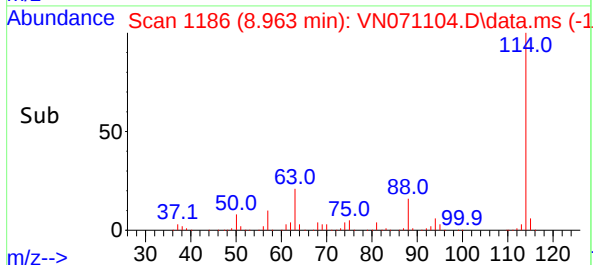
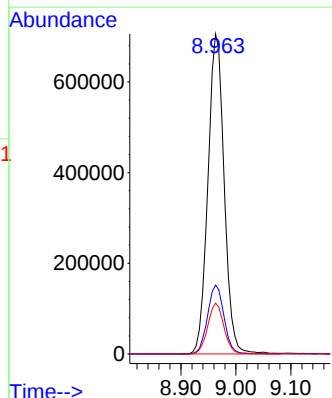
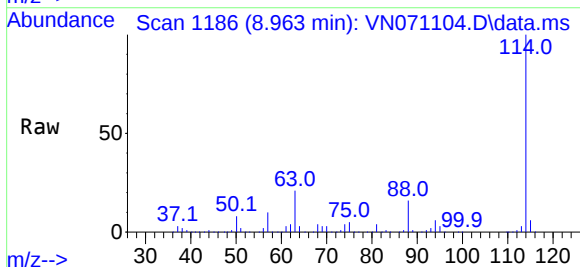
Tgt Ion:114 Resp: 1452810

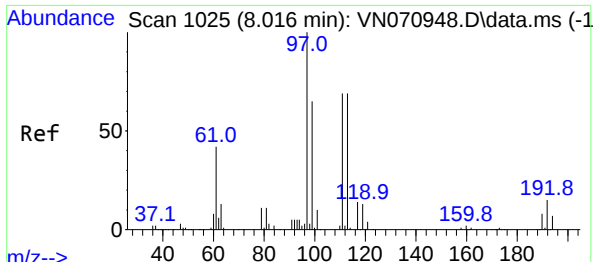
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 15.9 0.0 27.4

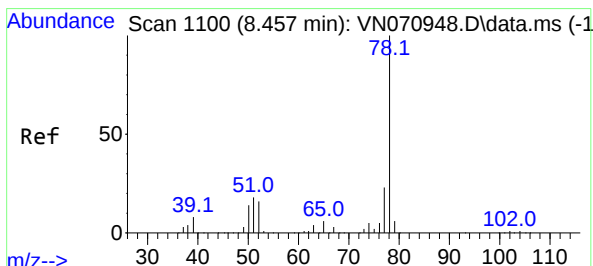
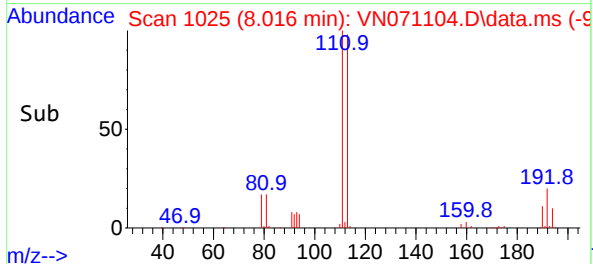
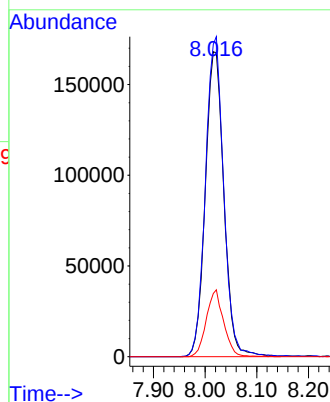
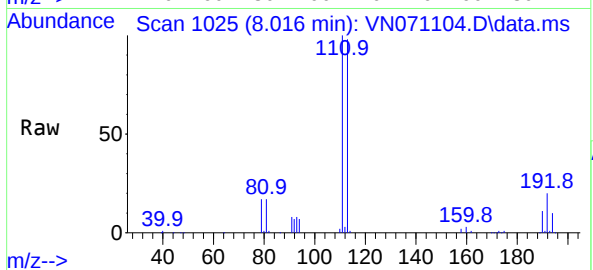




#35
Dibromofluoromethane
Concen: 48.512 ug/l
RT: 8.016 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

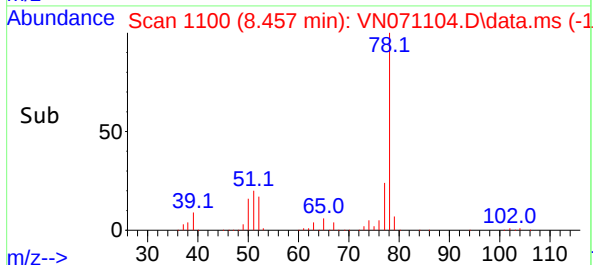
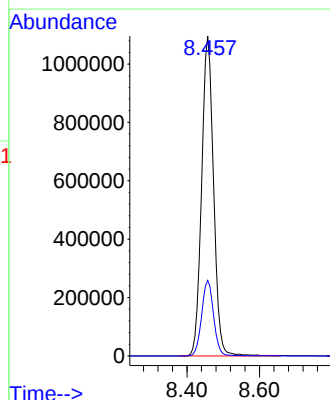
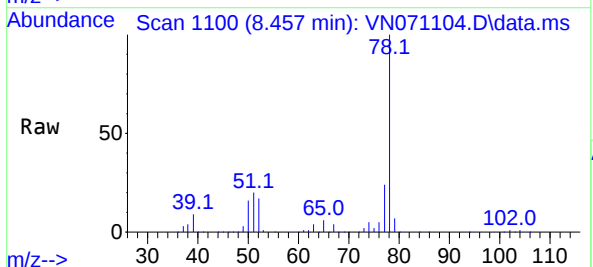
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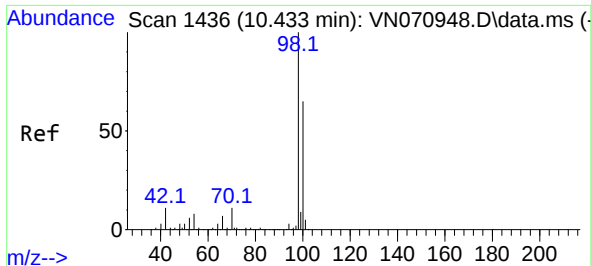
Tgt Ion:113 Resp: 419211
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.4 16.9 25.3



#40
Benzene
Concen: 59.788 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 78 Resp: 2503774
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

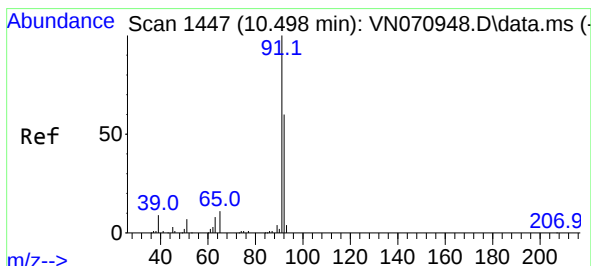
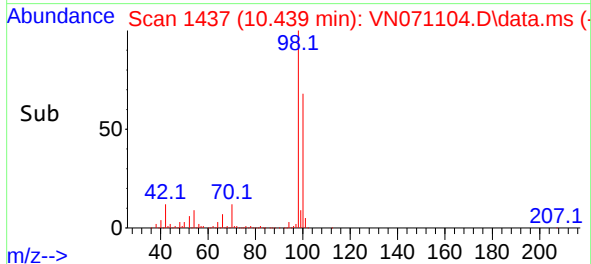
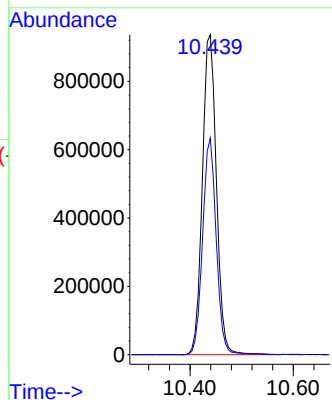
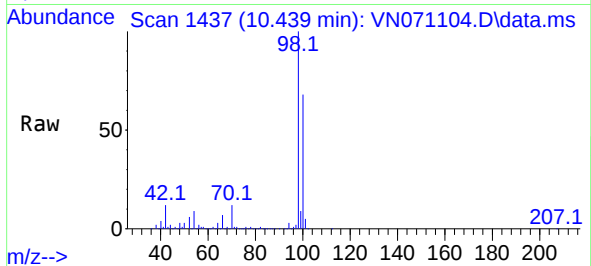




#50
Toluene-d8
Concen: 50.946 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

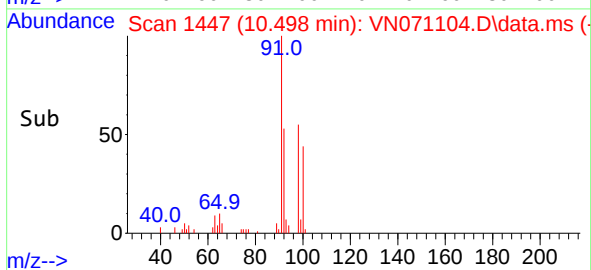
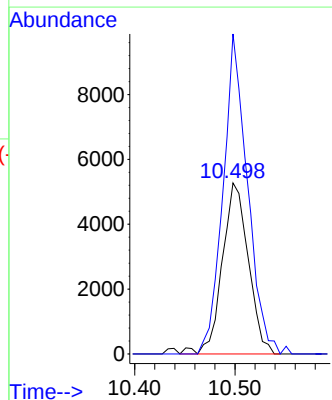
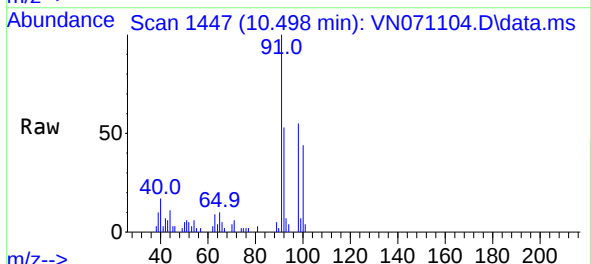
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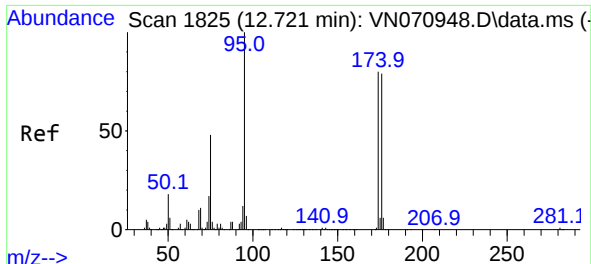
Tgt Ion: 98 Resp: 1767955
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#52
Toluene
Concen: 0.361 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 92 Resp: 9503
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0

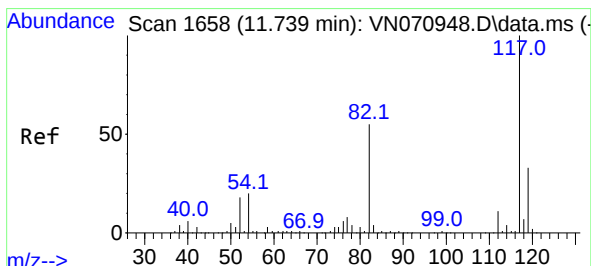
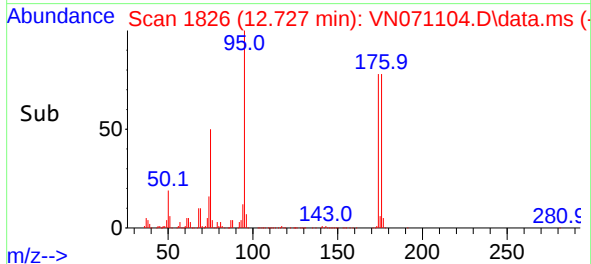
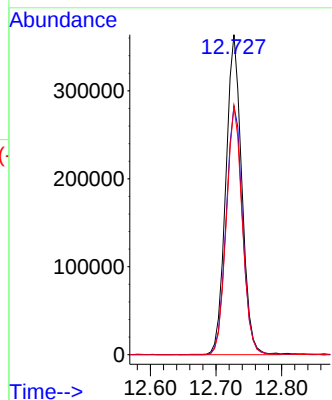
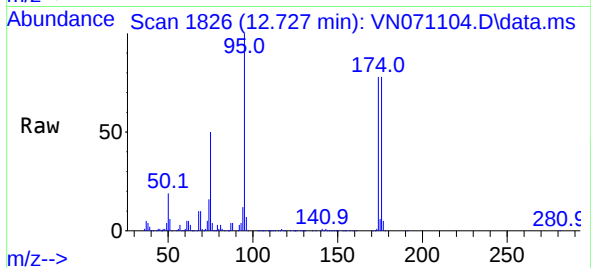




#62
4-Bromofluorobenzene
Concen: 49.441 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

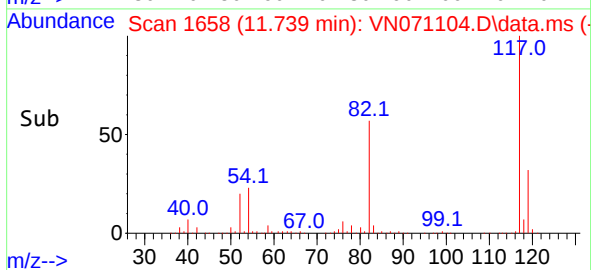
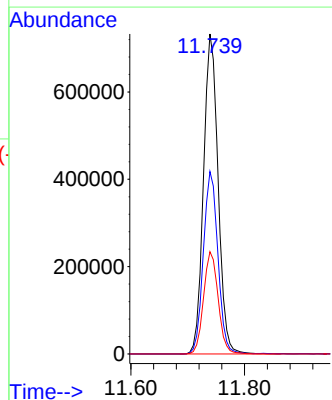
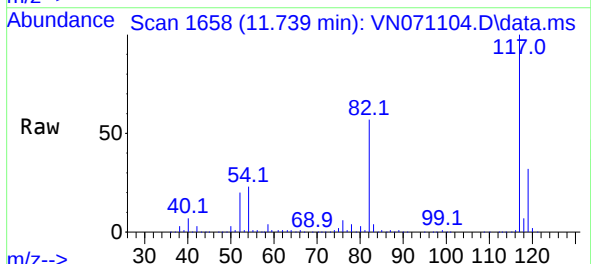
Instrument :
MSVOA_N
ClientSampleId :
MW-40

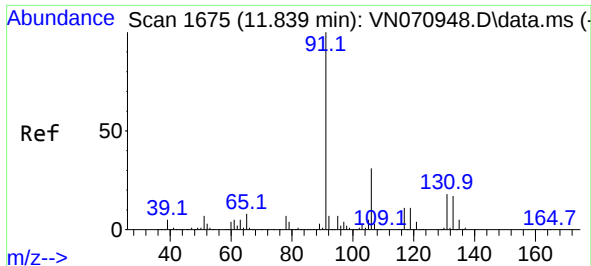
Tgt Ion: 95 Resp: 613283
Ion Ratio Lower Upper
95 100
174 79.8 0.0 187.2
176 77.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion: 117 Resp: 1303817
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 31.9 25.4 38.2





#67

Ethyl Benzene

Concen: 0.479 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VN071104.D

Acq: 28 Feb 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

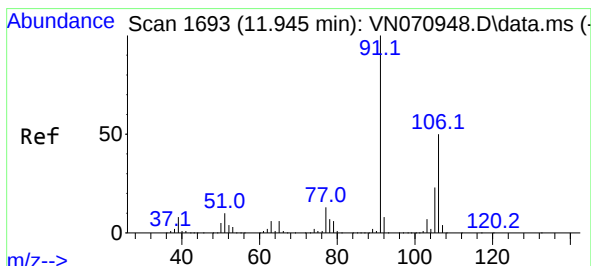
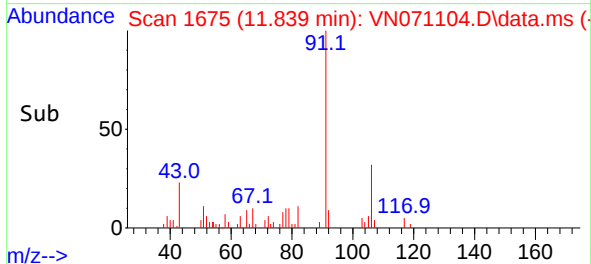
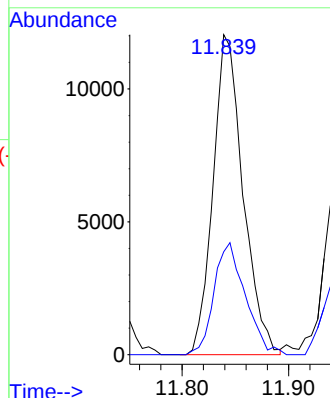
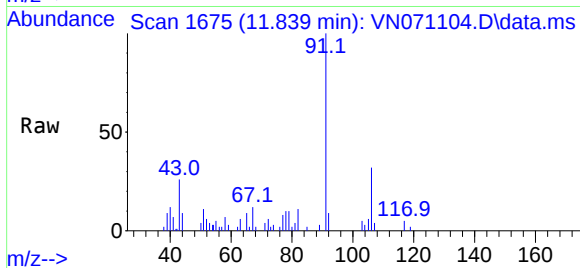
MW-40

Tgt Ion: 91 Resp: 23575

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



#68

m/p-Xylenes

Concen: 0.474 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VN071104.D

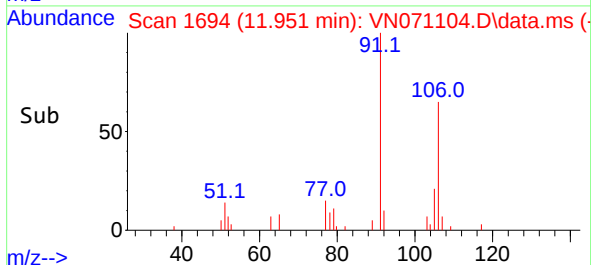
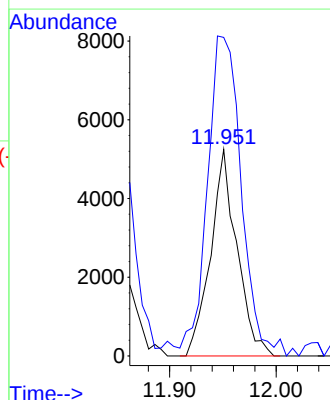
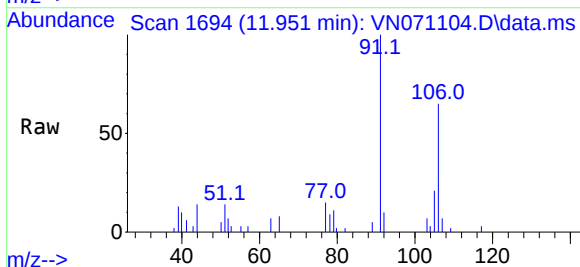
Acq: 28 Feb 2022 19:08

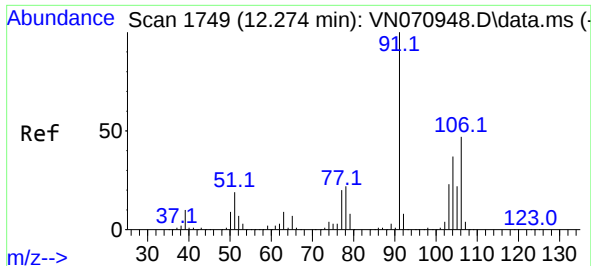
Tgt Ion: 106 Resp: 9009

Ion Ratio Lower Upper

106 100

91 202.8 160.6 240.8

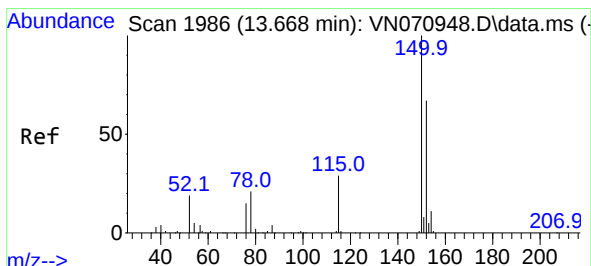
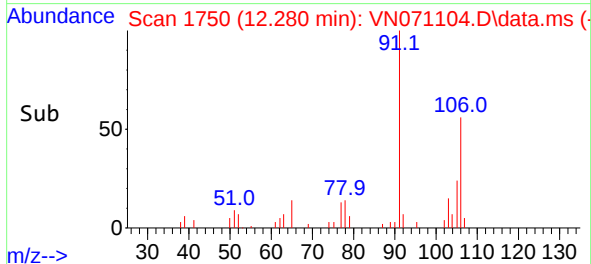
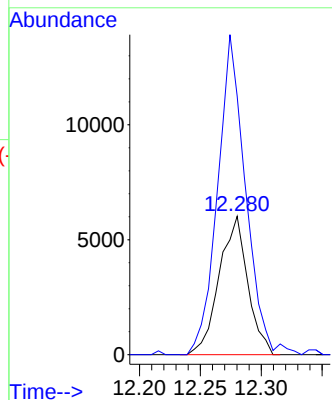
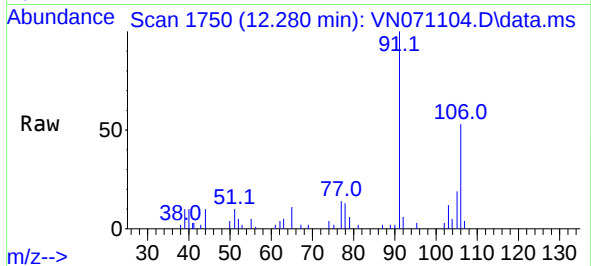




#69
o-Xylene
Concen: 0.530 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

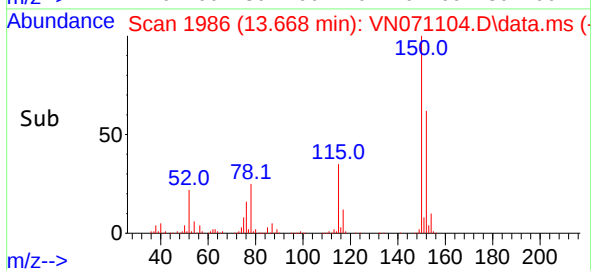
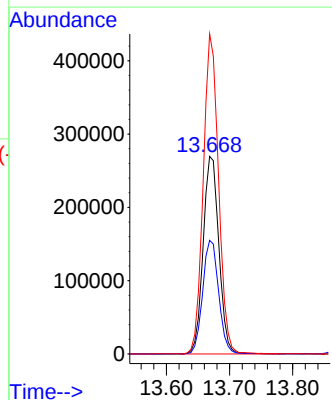
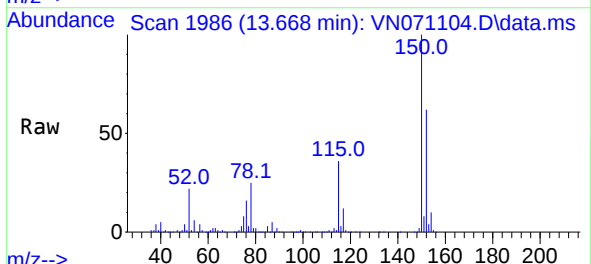
Instrument :
MSVOA_N
ClientSampleId :
MW-40

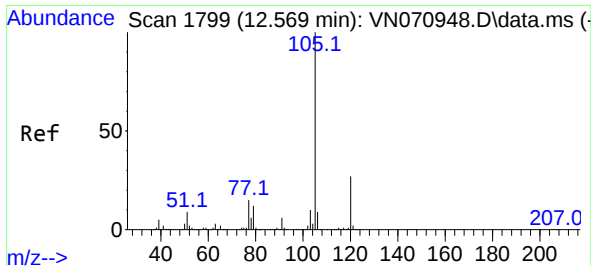
Tgt Ion:106 Resp: 9842
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion:152 Resp: 466302
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 157.1 0.0 344.4

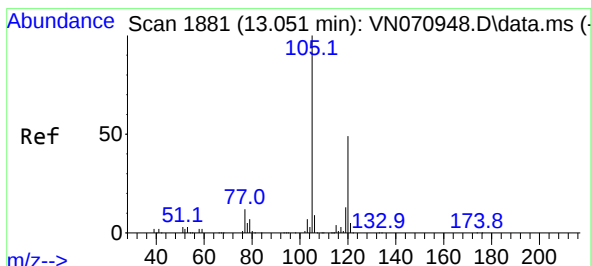
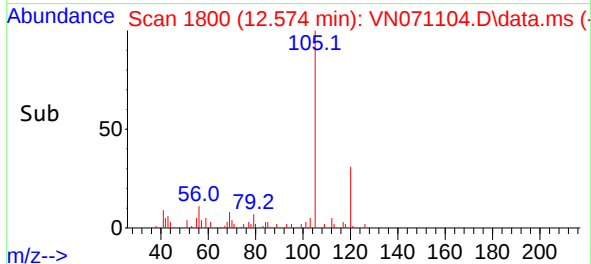
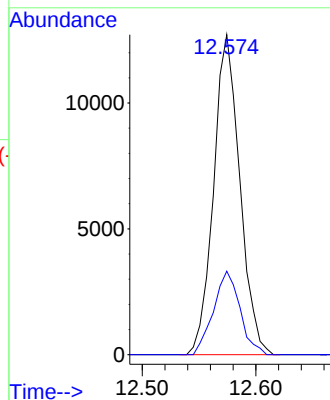
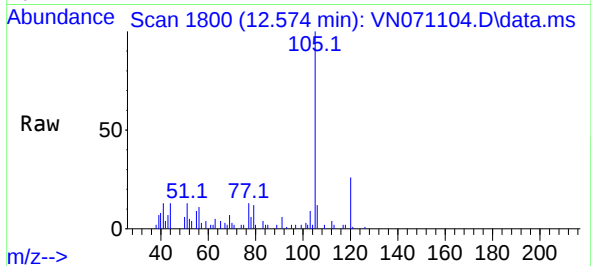




#73
Isopropylbenzene
Concen: 0.543 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

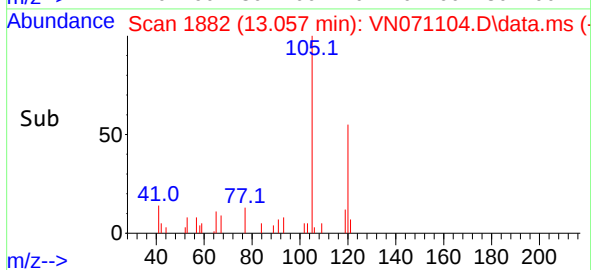
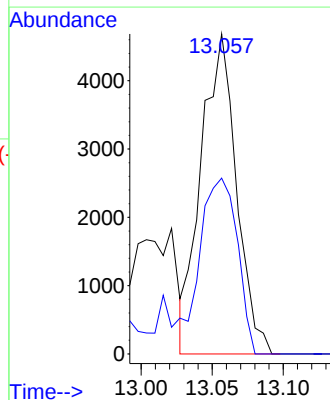
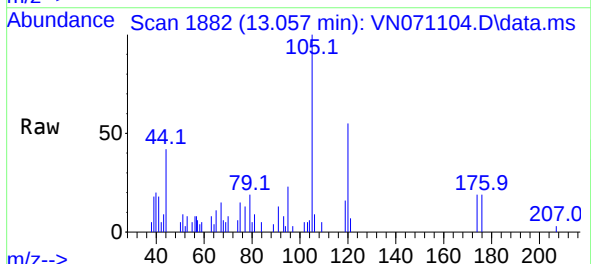
Instrument :
MSVOA_N
ClientSampleId :
MW-40

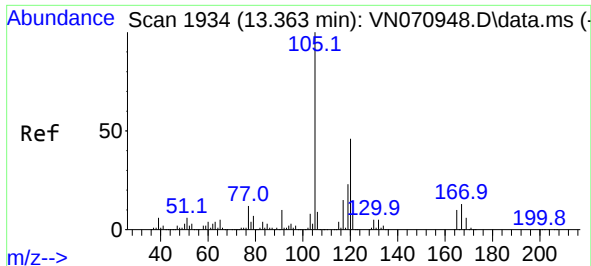
Tgt Ion:105 Resp: 20382
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion:105 Resp: 8124
Ion Ratio Lower Upper
105 100
120 55.1 24.6 73.6

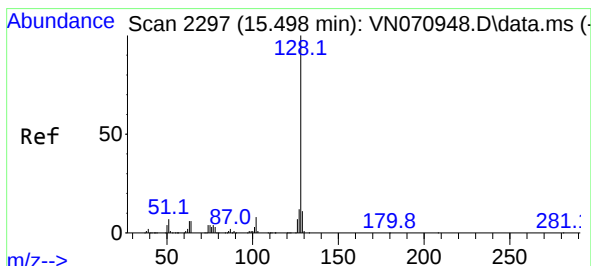
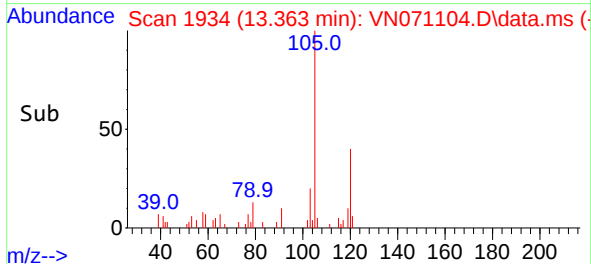
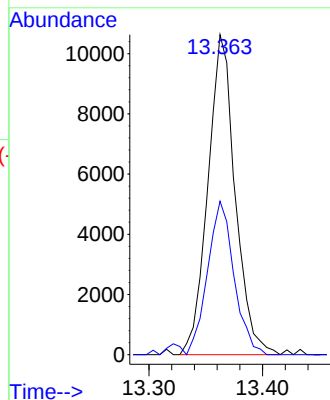
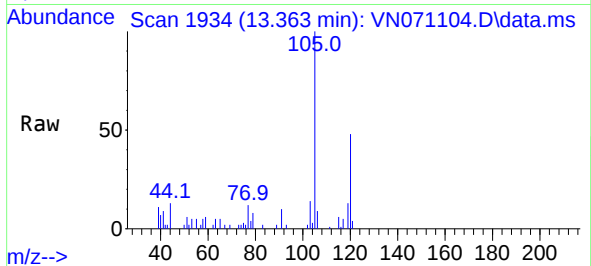




#84
1,2,4-Trimethylbenzene
Concen: 0.593 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
MW-40

Tgt Ion:105 Resp: 17743
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.4



#95
Naphthalene
Concen: 5.880 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071104.D
Acq: 28 Feb 2022 19:08

Tgt Ion:128 Resp: 20614
Ion Ratio Lower Upper
128 100
127 14.7 10.5 15.7
129 11.9 8.7 13.1

