

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071101.D
 Acq On : 28 Feb 2022 17:56
 Operator : JC\MD
 Sample : N1689-10 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022222

Quant Time: Mar 01 04:23:29 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)

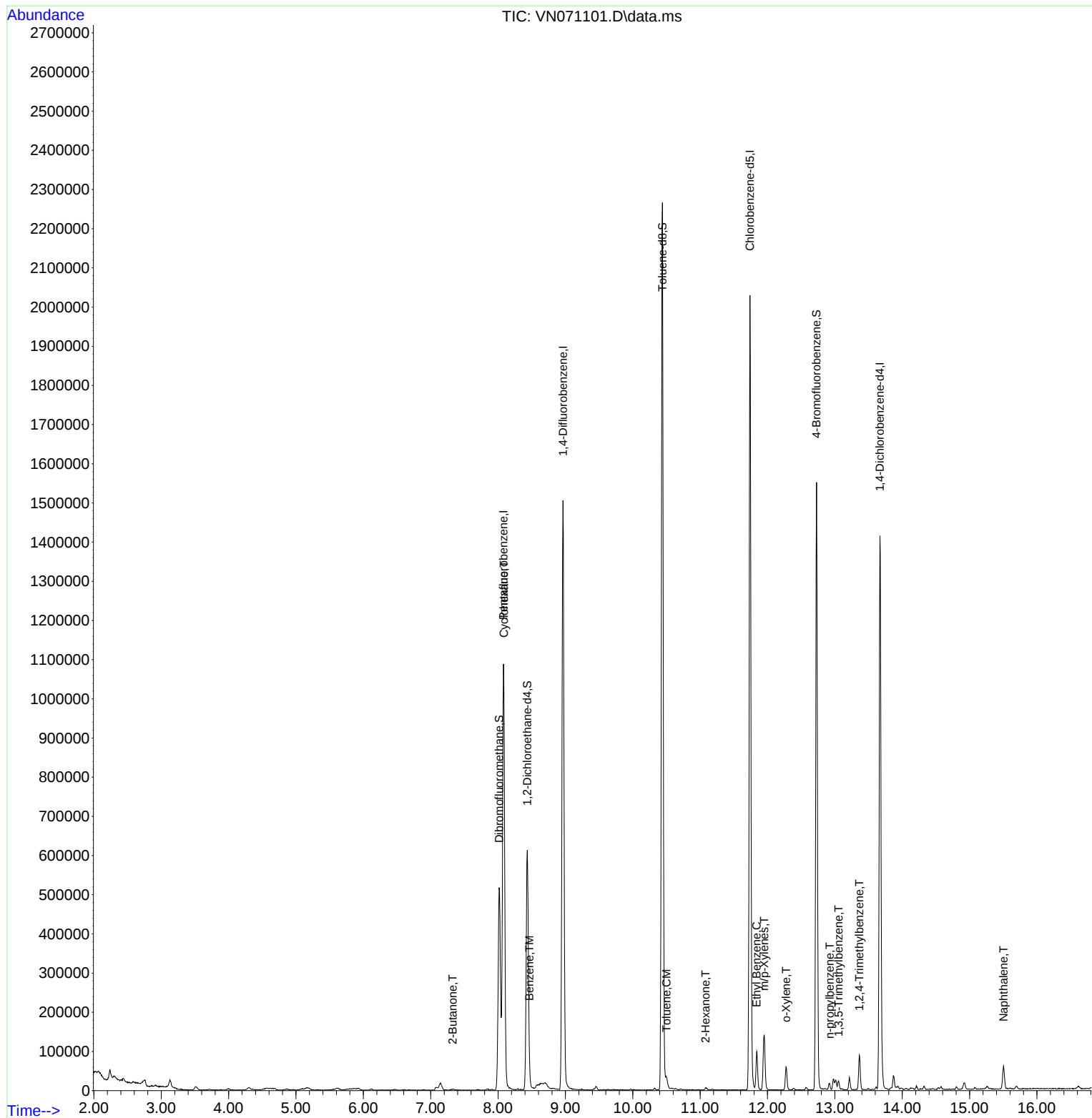
Internal Standards						
1) Pentafluorobenzene	8.080	168	839936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1337895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1163883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	411560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	504135	52.543	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.080%	
35) Dibromofluoromethane	8.016	113	389223	48.911	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.820%	
50) Toluene-d8	10.439	98	1603782	50.184	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	12.727	95	549023	48.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.120%	
Target Compounds						
					Qvalue	
25) 2-Butanone	7.328	43	2098	0.298	ug/l #	81
31) Cyclohexane	8.086	56	25657	1.546	ug/l #	21
40) Benzene	8.463	78	15126	0.392	ug/l	94
52) Toluene	10.498	92	8336	0.344	ug/l	95
59) 2-Hexanone	11.080	43	5072	0.550	ug/l	88
67) Ethyl Benzene	11.839	91	71058	1.619	ug/l	92
68) m/p-Xylenes	11.951	106	49516	2.920	ug/l	98
69) o-Xylene	12.274	106	16224	0.980	ug/l	92
78) n-propylbenzene	12.921	91	14187	0.381	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	10610	0.395	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	52317	1.980	ug/l	98
95) Naphthalene	15.504	128	56601	7.759	ug/l	99

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

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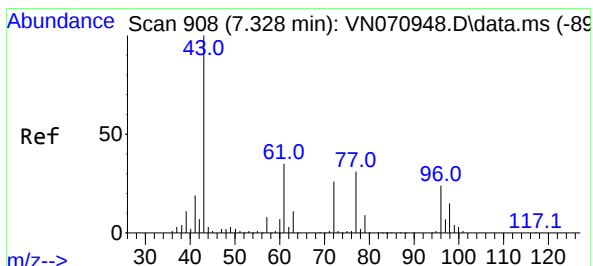
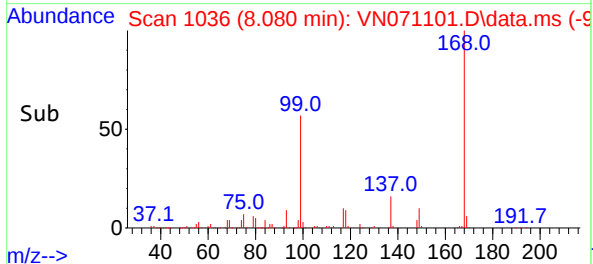
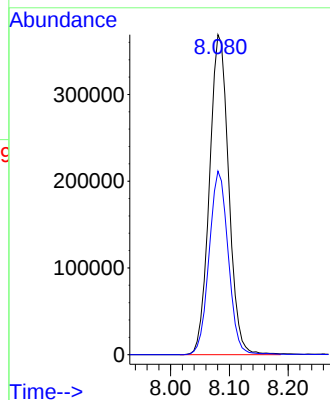
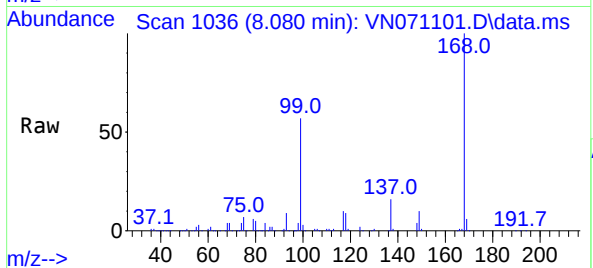




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

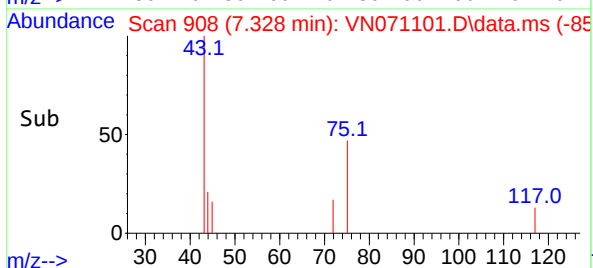
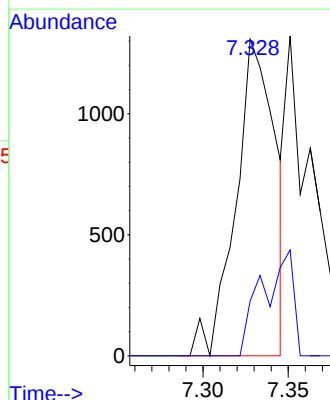
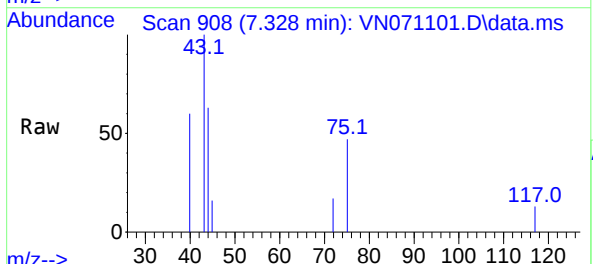
Instrument :
MSVOA_N
ClientSampleId :
DUP022222

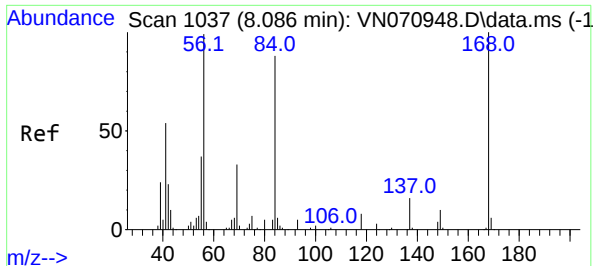
Tgt Ion:168 Resp: 839936
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#25
2-Butanone
Concen: 0.298 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
72 17.3 21.7 32.5#

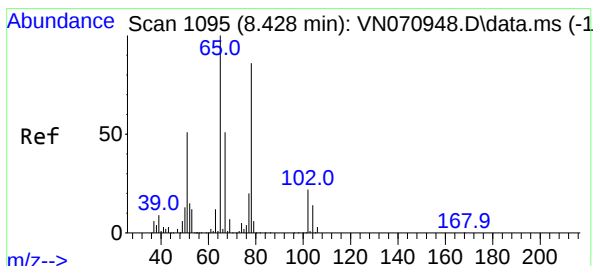
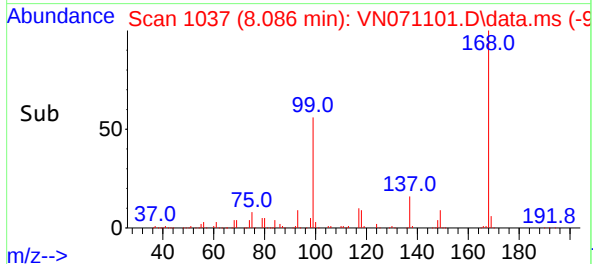
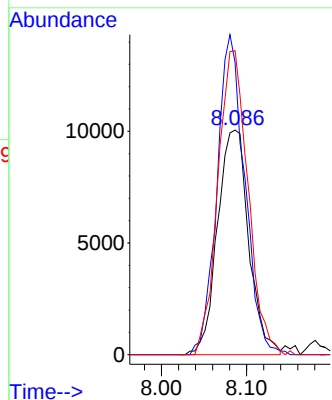
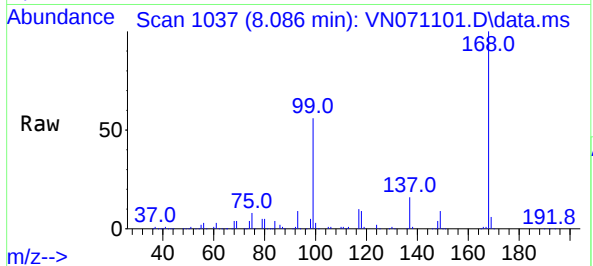




#31
Cyclohexane
Concen: 1.546 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

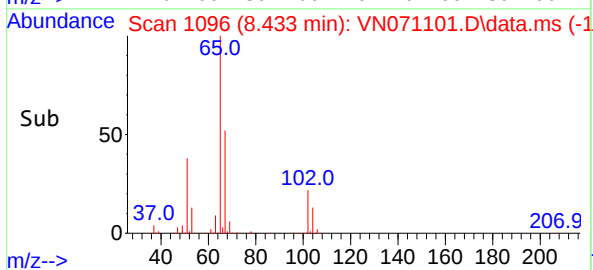
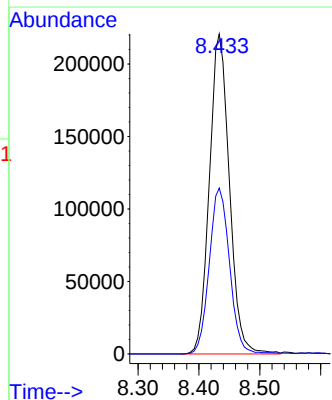
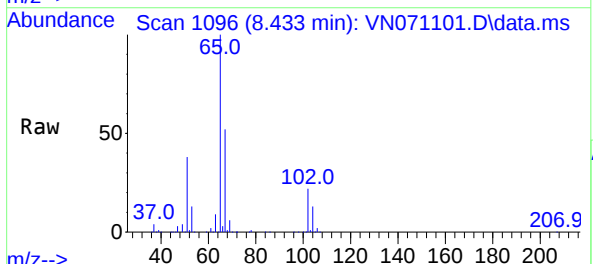
Instrument :
MSVOA_N
ClientSampleId :
DUP022222

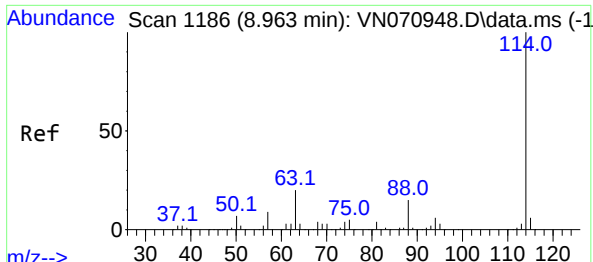
Tgt Ion: 56 Resp: 25657
Ion Ratio Lower Upper
56 100
69 130.2 27.1 40.7#
84 135.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.543 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 65 Resp: 504135
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

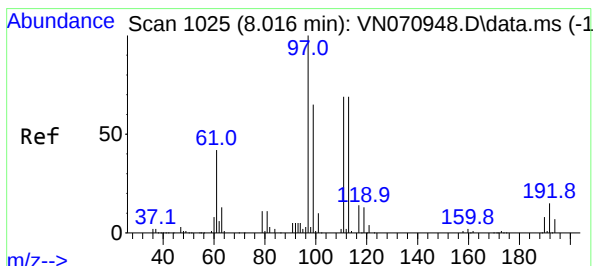
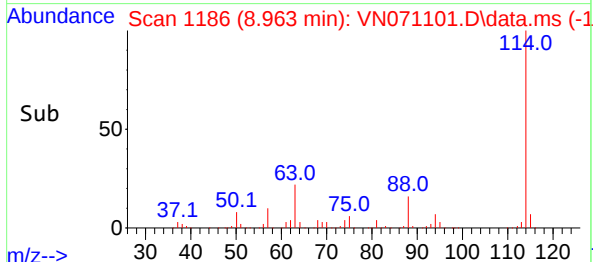
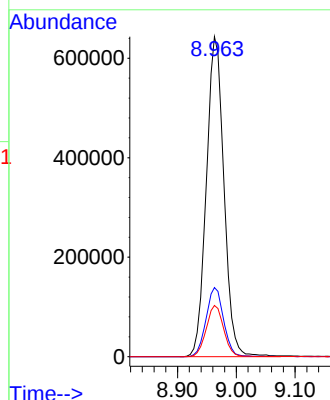
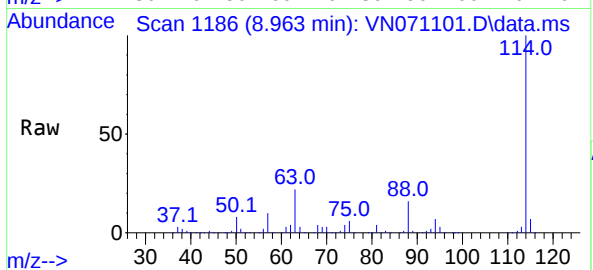




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

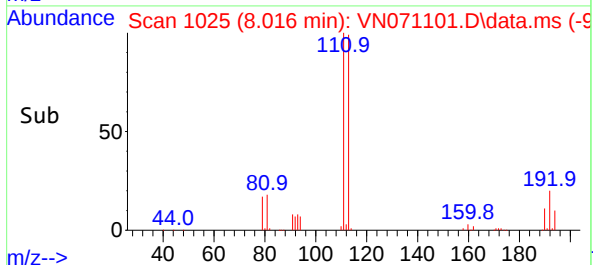
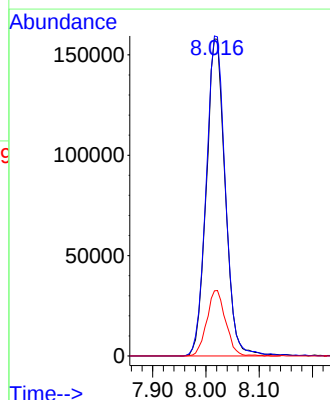
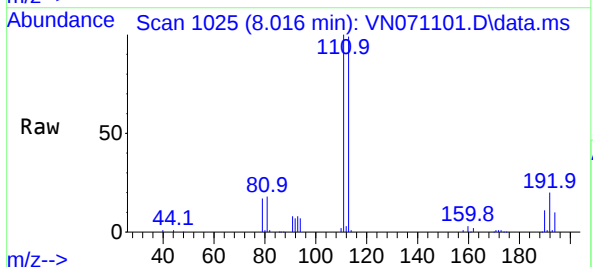
Instrument :
MSVOA_N
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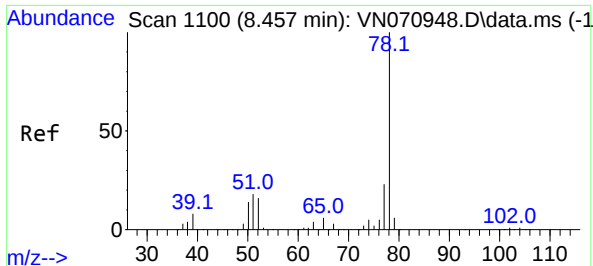
Tgt Ion:114 Resp: 1337895
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.911 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion:113 Resp: 389223
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.7 16.9 25.3

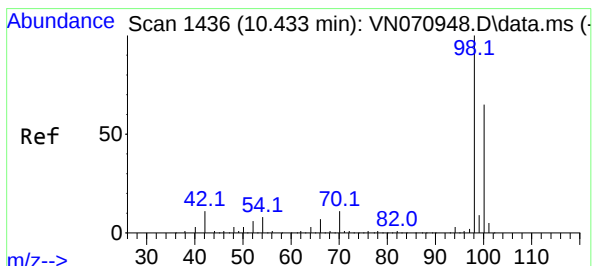
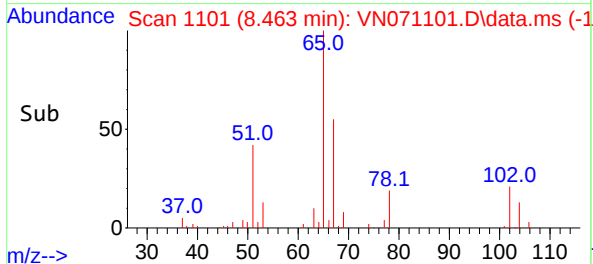
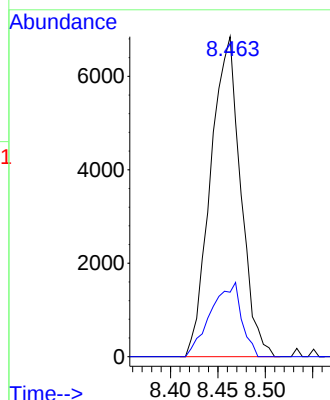
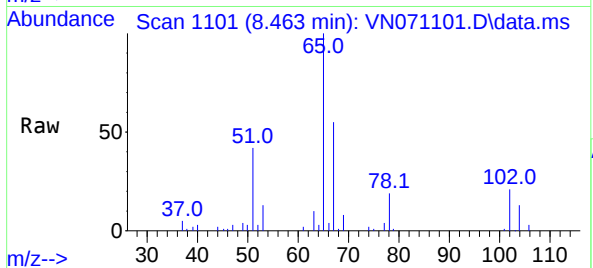




#40
Benzene
Concen: 0.392 ug/l
RT: 8.463 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

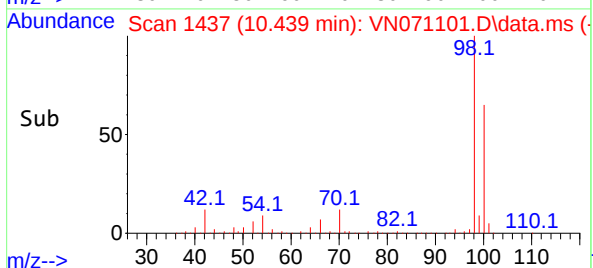
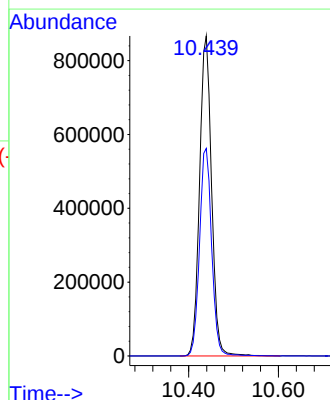
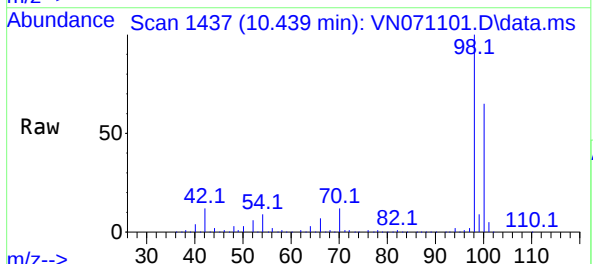
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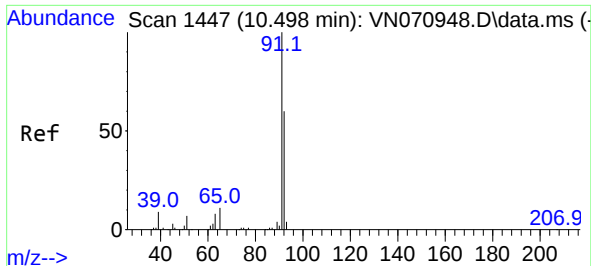
Tgt Ion: 78 Resp: 15126
Ion Ratio Lower Upper
78 100
77 20.2 18.6 27.8



#50
Toluene-d8
Concen: 50.184 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 98 Resp: 1603782
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

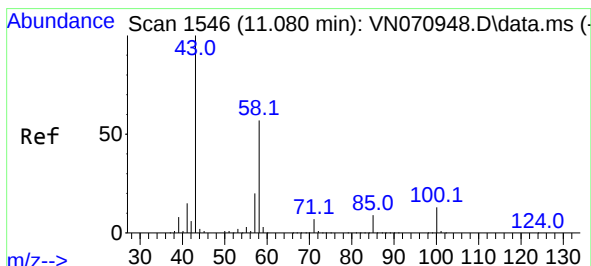
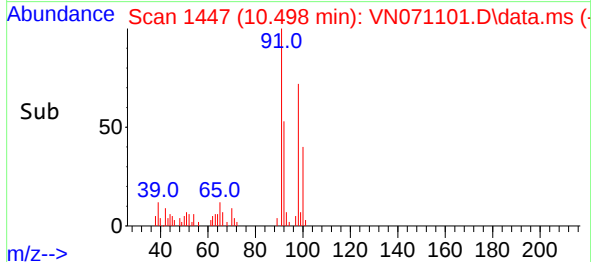
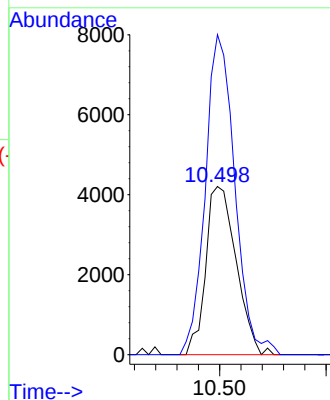
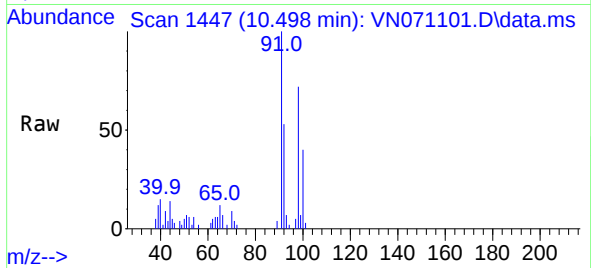




#52
Toluene
Concen: 0.344 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

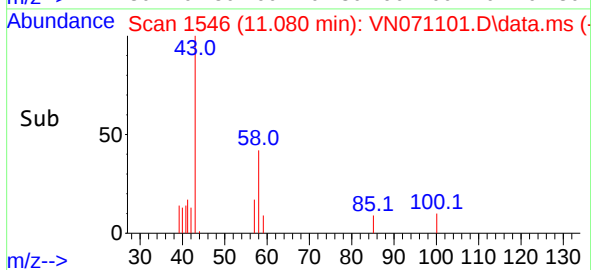
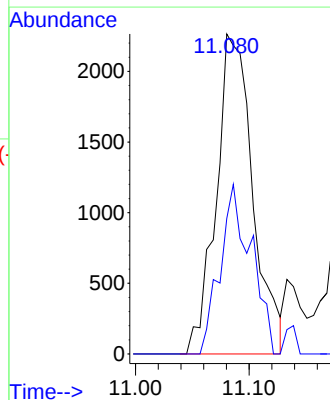
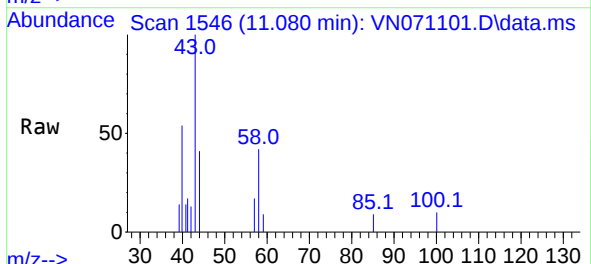
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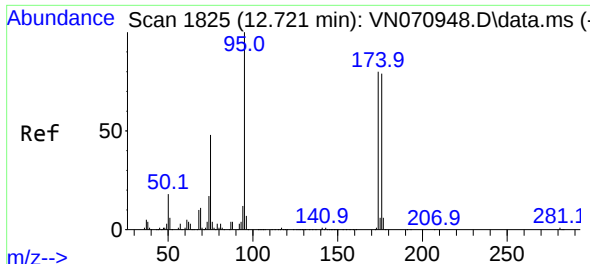
Tgt Ion: 92 Resp: 8336
Ion Ratio Lower Upper
92 100
91 184.7 142.0 213.0



#59
2-Hexanone
Concen: 0.550 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 43 Resp: 5072
Ion Ratio Lower Upper
43 100
58 45.1 26.9 80.7



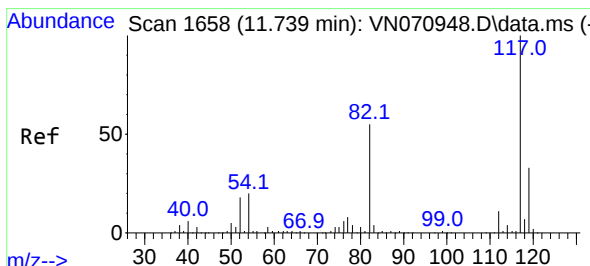
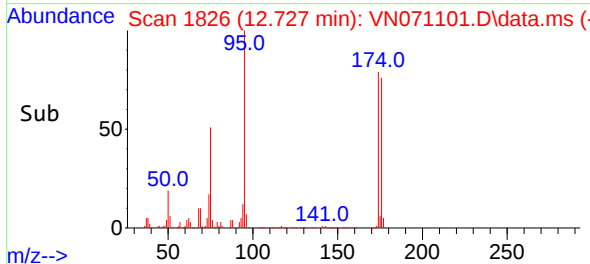
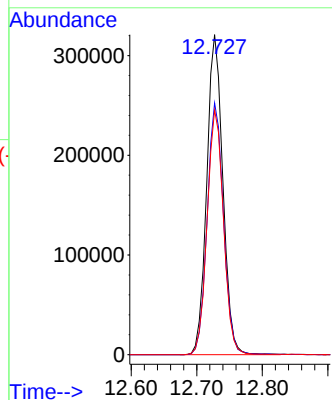
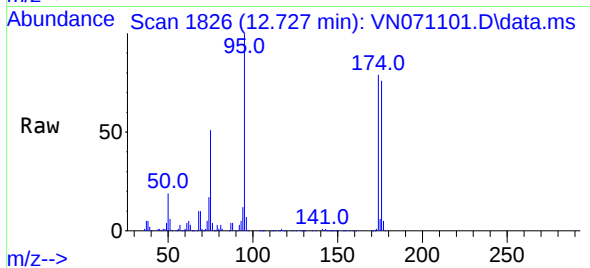


#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 549023

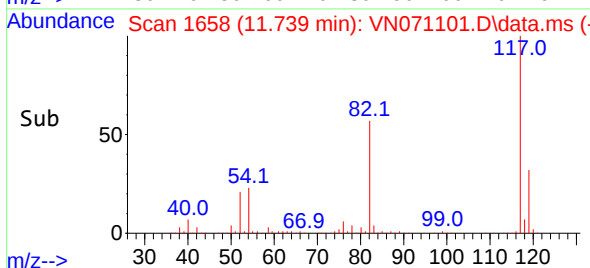
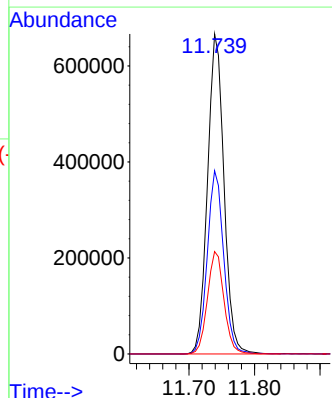
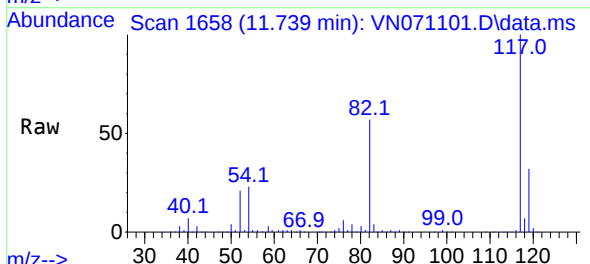
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	187.2
176	77.6	0.0	181.4

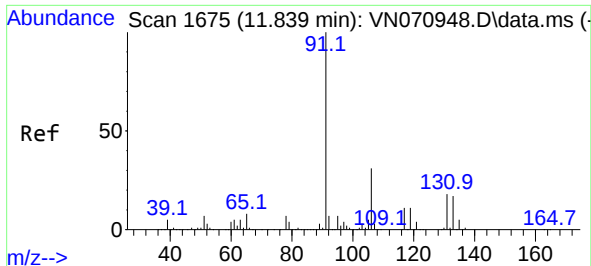


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 117 Resp: 1163883

Ion	Ratio	Lower	Upper
117	100		
82	57.3	42.4	63.6
119	32.0	25.4	38.2

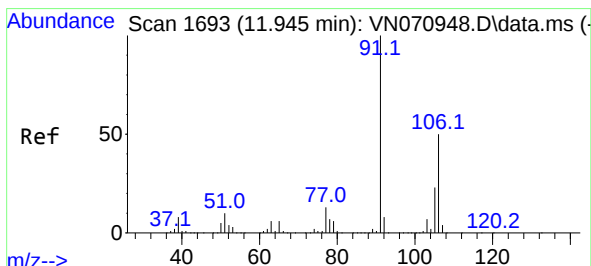
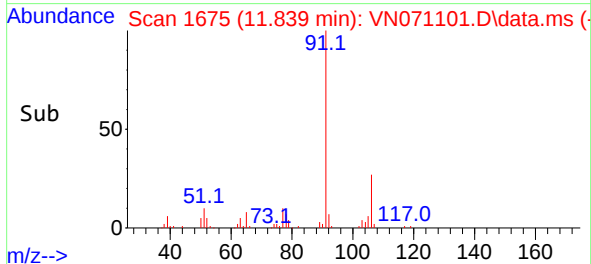
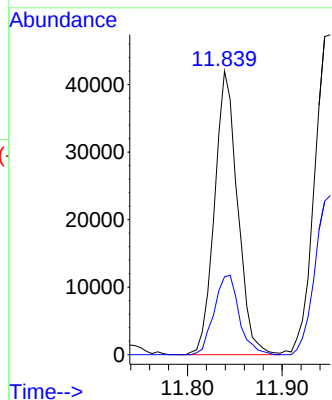
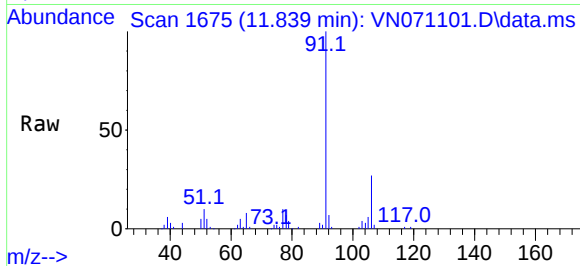




#67
Ethyl Benzene
Concen: 1.619 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

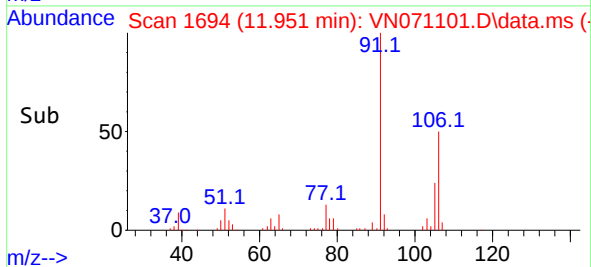
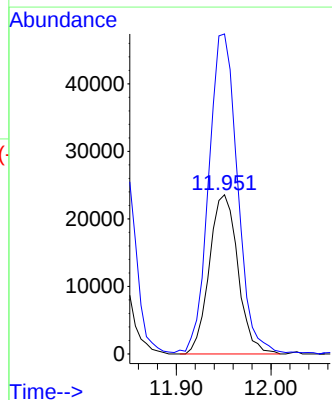
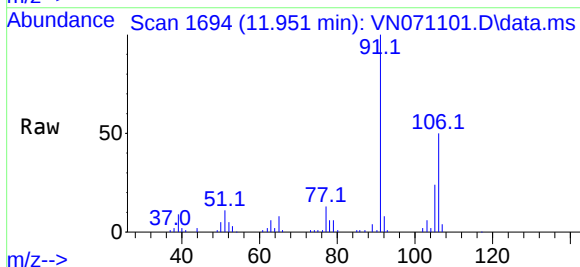
Instrument :
MSVOA_N
ClientSampleId :
DUP022222

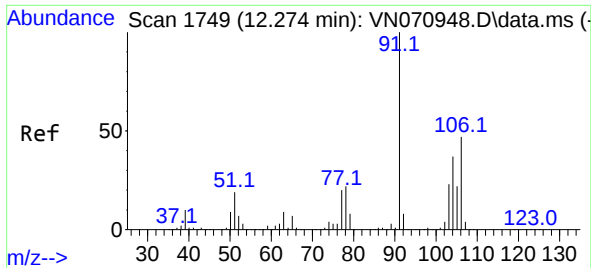
Tgt Ion: 91 Resp: 71058
Ion Ratio Lower Upper
91 100
106 27.4 25.7 38.5



#68
m/p-Xylenes
Concen: 2.920 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion:106 Resp: 49516
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8

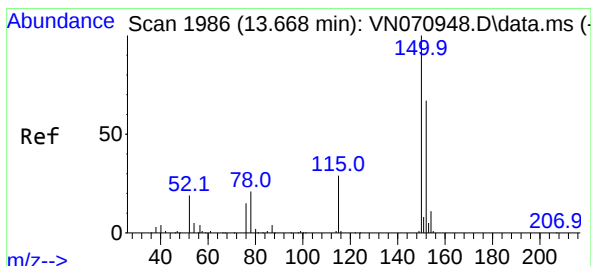
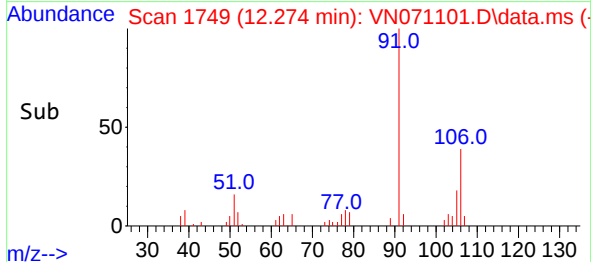
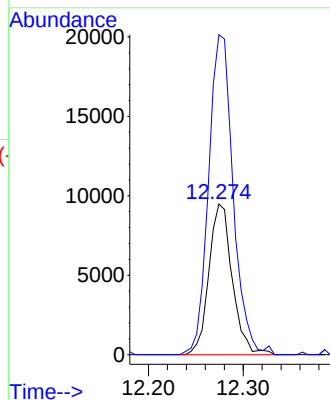
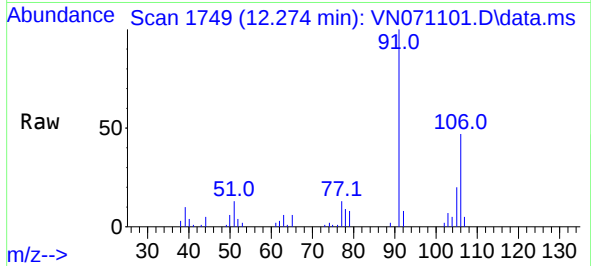




#69
o-Xylene
Concen: 0.980 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

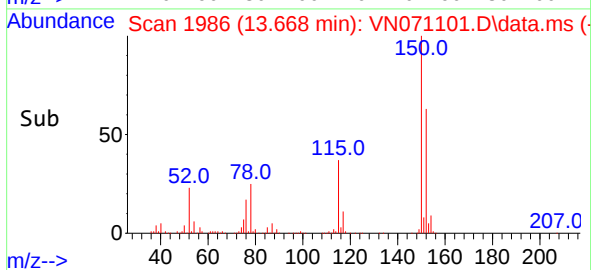
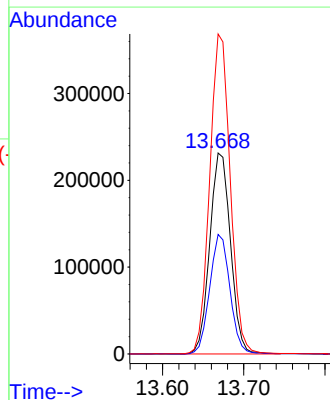
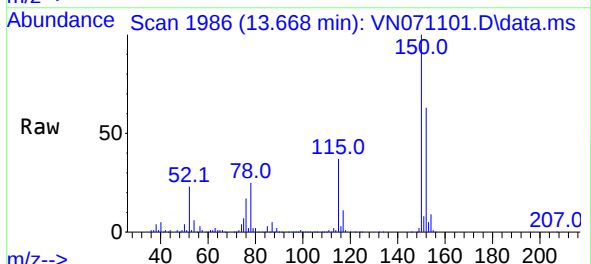
Instrument :
MSVOA_N
ClientSampleId :
DUP022222

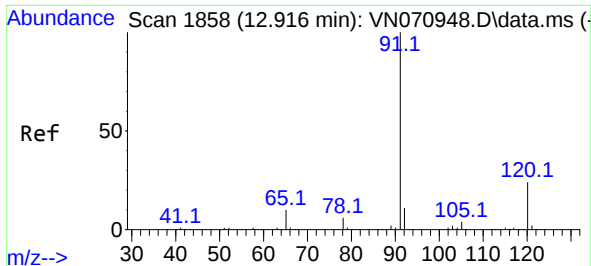
Tgt Ion:106 Resp: 16224
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion:152 Resp: 411560
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 157.7 0.0 344.4

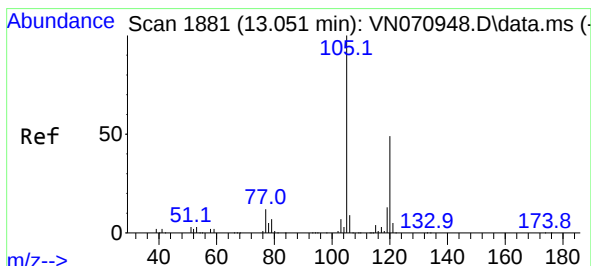
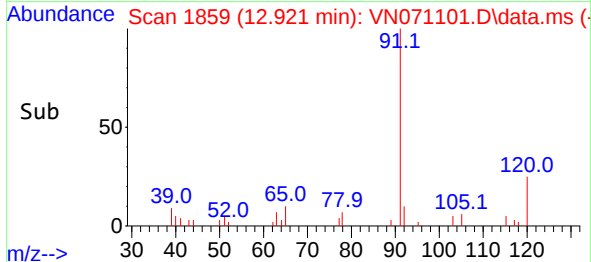
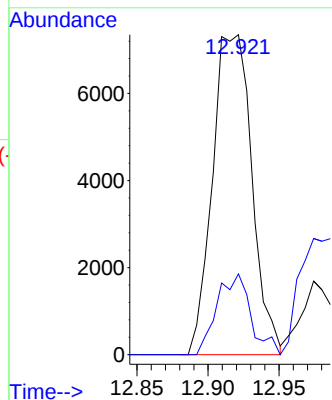
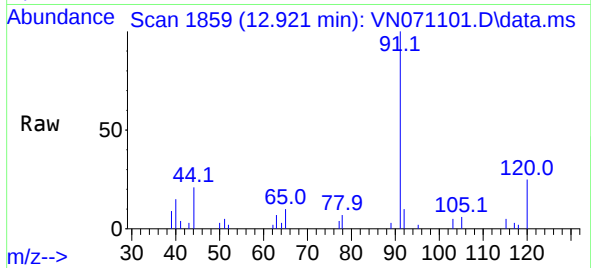




#78
n-propylbenzene
Concen: 0.381 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

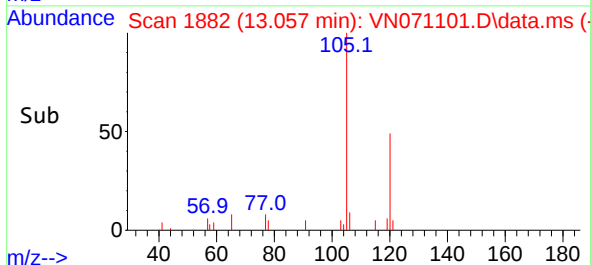
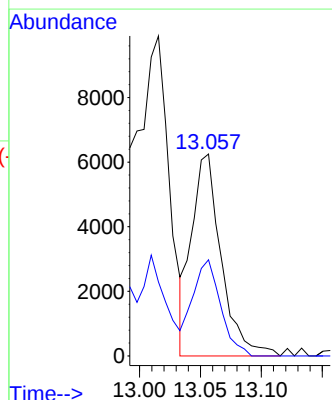
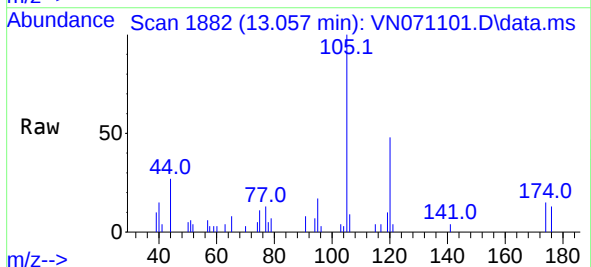
Instrument :
MSVOA_N
ClientSampleId :
DUP022222

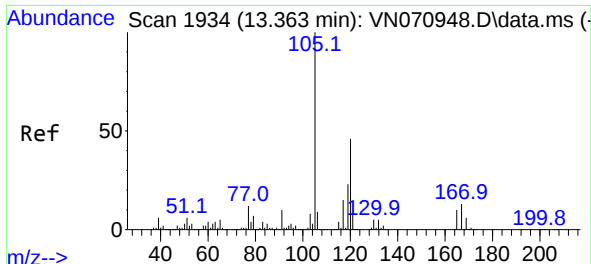
Tgt Ion: 91 Resp: 14187
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 0.395 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion: 105 Resp: 10610
Ion Ratio Lower Upper
105 100
120 45.2 24.6 73.6

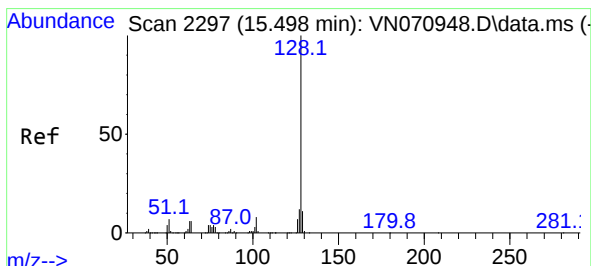
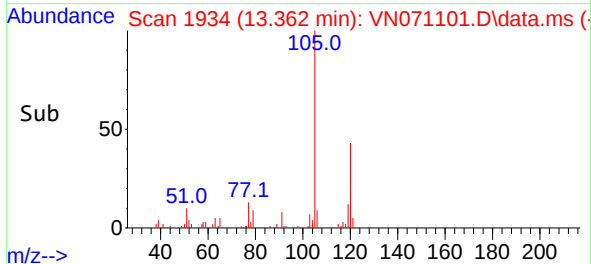
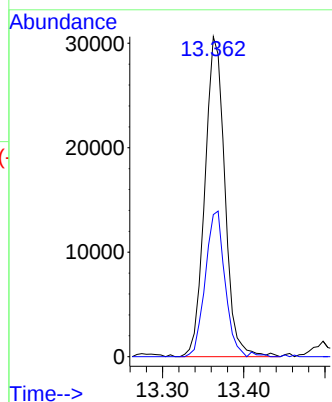
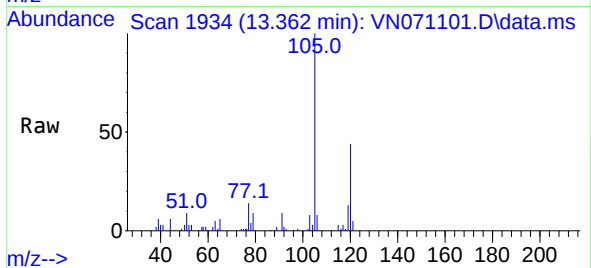




#84
1,2,4-Trimethylbenzene
Concen: 1.980 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
DUP022222

Tgt Ion:105 Resp: 52317
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4



#95
Naphthalene
Concen: 7.759 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071101.D
Acq: 28 Feb 2022 17:56

Tgt Ion:128 Resp: 56601
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.7 13.1

